



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	8001	800102	1	1	11		0,8568		17274	148
2017	5	8001	800105	1	1	11		0,2788		18294	51
2017	5	8001	800103	1	1	11		0,6128		24969	153
2017	5	8001		1	1	11		0,597		134330	802
2017	5	8001	800101	1	1	11		0,8186		28341	232
2017	5	8001	800104	1	1	11		0,4464		43461	194
2017	5	20001		1	1	11		0,2965		76212	226
2017	5	97001		2	1	12			0,1695		
2017	5	76001	7600121	1	1	19		0,7091		5218	37
2017	5	76001	7600122	1	1	19		1,4181		8321	118
2017	5	54001	5400106	1	1	19		1,3581		21943	298
2017	5	54001	5400101	1	1	19		0,5937		9096	54
2017	5	54001	5400104	1	1	19		0,8755		11193	98
2017	5	54001	5400110	1	1	19		0,7562		7141	54
2017	5	54001	5400108	1	1	19		0,9938		23445	233
2017	5	54001	5400105	1	1	19		0,6862		16467	113
2017	5	54001	5400103	1	1	19		1,2984		9704	126
2017	5	54001	5400107	1	1	19		0,8664		20084	174
2017	5	54001	5400109	1	1	19		1,0893		13036	142
2017	5	54001	5400102	1	1	19		0,6796		12213	83
2017	5	94001		2	1	19			1,8065		
2017	5	99001		2	1	19			2,7233		
2017	5	5001	500102	1	1	19		1,7927		17515	314
2017	5	5001	500109	1	1	19		1,8372		18670	343
2017	5	5001	500110	1	1	19		1,4857		31097	462
2017	5	5001	500108	1	1	19		2,1042		15398	324
2017	5	5001	500106	1	1	19		1,515		16568	251
2017	5	5001	500111	1	1	19		1,0688		25076	268
2017	5	68001	6800111	1	1	19		0,6659		3304	22
2017	5	68001	6800117	1	1	19		1,817		3027	55
2017	5	68001	6800101	1	1	19		0,9029		6424	58
2017	5	68001	6800115	1	1	19		0,7468		1339	10
2017	5	68001	6800113	1	1	19		0,6804		12345	84
2017	5	68001	6800110	1	1	19		1,3773		7914	109
2017	5	68001	6800104	1	1	19		1,137		3518	40
2017	5	68001	6800107	1	1	19		1,3028		1919	25
2017	5	68001	6800106	1	1	19		0,7348		5444	40
2017	5	68001	6800105	1	1	19		1,7838		5718	102
2017	5	68001	6800103	1	1	19		0,7554		10061	76
2017	5	68001	6800108	1	1	19		0,9102		2527	23
2017	5	68001	6800116	1	1	19		0,8482		5541	47
2017	5	68001	6800112	1	1	19		0,7261		8126	59
2017	5	11001	1100107	1	1	19		1,7353		145334	2522
2017	5	11001	1100111	1	1	19		1,004		263346	2644
2017	5	11001	1100105	1	1	19		1,0613		72268	767
2017	5	11001	1100108	1	1	19		1,1334		267418	3031
2017	5	11001	1100101	1	1	19		0,8898		145768	1297
2017	5	11001	1100110	1	1	19		0,7728		193714	1497
2017	5	11001	1100109	1	1	19		0,8974		113551	1019
2017	5	11001	1100114	1	1	19		0,3867		32069	124
2017	5	11001	1100103	1	1	19		0,8506		25865	220
2017	5	11001	1100102	1	1	19		0,3514		54644	192
2017	5	11001	1100117	1	1	19		1,5697		6944	109
2017	5	11001	1100106	1	1	19		1,3267		54121	718
2017	5	11001	1100113	1	1	19		0,8165		54376	444
2017	5	11001	1100118	1	1	19		1,2423		86374	1073
2017	5	11001	1100116	1	1	19		0,6365		80748	514
2017	5	11001	1100104	1	1	19		1,4415		73675	1062
2017	5	11001	1100115	1	1	19		0,91		26812	244
2017	5	11001	1100112	1	1	19		0,2926		40674	119
2017	5	11001	1100119	1	1	19		1,2905		116156	1499
2017	5	76001	7600101	1	1	19		0,7083		6071	43
2017	5	76001	7600102	1	1	19		0,4128		26407	109
2017	5	76001	7600103	1	1	19		0,8151		7606	62
2017	5	76001	7600104	1	1	19		0,3177		8499	27
2017	5	76001	7600105	1	1	19		0,2745		16395	45
2017	5	76001	7600106	1	1	19		0,3044		12154	37
2017	5	76001	7600107	1	1	19		0,4619		7144	33
2017	5	76001	7600108	1	1	19		0,4694		14060	66
2017	5	76001	7600109	1	1	19		0,4424		5651	25
2017	5	76001	7600110	1	1	19		0,5805		13437	78
2017	5	76001	7600111	1	1	19		0,6497		10004	65
2017	5	76001	7600112	1	1	19		0,6014		3492	21
2017	5	76001	7600113	1	1	19		0,542		14759	80
2017	5	76001	7600114	1	1	19		0,7153		17055	122
2017	5	76001	7600115	1	1	19		0,9692		8461	82
2017	5	76001	7600116	1	1	19		0,6944		10225	71
2017	5	76001	7600117	1	1	19		0,8739		31813	278
2017	5	76001	7600118	1	1	19		1,987		15752	313



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76001	7600119	1	1	19		1,293		22041	285
2017	5	76001	7600120	1	1	19		0,6807		3526	24
2017	5	5376		1	1	19		0,6545		11917	78
2017	5	44847		1	1	19		0,3441		4941	17
2017	5	15572		1	1	19		0,8322		12136	101
2017	5	5088		1	1	19		1,7427		59103	1030
2017	5	5837		1	1	19		0,9293		23136	215
2017	5	25799		1	1	19		1,3395		3658	49
2017	5	5615		1	1	19		0,5139		43390	223
2017	5	5129		1	1	19		1,1188		13586	152
2017	5	50006		1	1	19		0,9831		25938	255
2017	5	25286		1	1	19		1,6397		19943	327
2017	5	25473		1	1	19		1,3243		26051	345
2017	5	52356		1	1	19		0,7854		13878	109
2017	5	5308		1	1	19		0,8554		9703	83
2017	5	8573		1	1	19		0,5722		6466	37
2017	5	85410		1	1	19		1,5579		7061	110
2017	5	25175		1	1	19		0,6381		36513	233
2017	5	54874		1	1	19		1,0723		12123	130
2017	5	50568		1	1	19		0,7734		10214	79
2017	5	5360		1	1	19		1,2451		26102	325
2017	5	25758		1	1	19		1,222		8756	107
2017	5	25307		1	1	19		0,6775		27455	186
2017	5	25377		1	1	19		0,377		9550	36
2017	5	68081		1	1	19		0,6358		44355	282
2017	5	15238		1	1	19		0,4733		46908	222
2017	5	25430		1	1	19		1,3005		24222	315
2017	5	76111		1	1	19		0,69		11015	76
2017	5	5045		1	1	19		0,675		26816	181
2017	5	5631		1	1	19		0,7581		14246	108
2017	5	68679		1	1	19		0,6819		9532	65
2017	5	25214		1	1	19		1,2163		10524	128
2017	5	50001	5000101	1	1	19		0,7824		10481	82
2017	5	50001	5000102	1	1	19		0,3722		13970	52
2017	5	50001	5000103	1	1	19		0,4279		9348	40
2017	5	50001	5000104	1	1	19		0,5929		20744	123
2017	5	50001	5000105	1	1	19		0,5259		37460	197
2017	5	50001	5000106	1	1	19		0,2184		5036	11
2017	5	50001	5000107	1	1	19		0,8621		28420	245
2017	5	50001	5000108	1	1	19		0,8126		16245	132
2017	5	13001	1300102	1	1	19		0,8694		41525	361
2017	5	13001	1300103	1	1	19		0,8001		48741	390
2017	5	13001	1300101	1	1	19		0,6019		60472	364
2017	5	5001	500116	1	1	19		1,1238		35505	399
2017	5	5001	500101	1	1	19		1,3315		5933	79
2017	5	5001	500107	1	1	19		2,0211		29637	599
2017	5	5001	500104	1	1	19		1,7549		18235	320
2017	5	5001	500105	1	1	19		1,9799		25911	513
2017	5	5001	500115	1	1	19		1,0043		13840	139
2017	5	5001	500103	1	1	19		1,3063		12401	162
2017	5	5001	500114	1	1	19		0,675		32294	218
2017	5	5001	500112	1	1	19		1,2933		14537	188
2017	5	5001	500113	1	1	19		1,6213		19429	315
2017	5	50001		1	1	19		0,7023		164328	1154
2017	5	19001		1	1	19		0,4833		89807	434
2017	5	27001		2	1	19		1,3228		56472	747
2017	5	41001		1	1	19		0,4965		86608	430
2017	5	70001		1	1	19		0,4614		44428	205
2017	5	81001		1	1	19		0,7578		14515	110
2017	5	15001		1	1	19		0,5141		75076	386
2017	5	17001		1	1	19		0,6385		107278	685
2017	5	13001		1	1	19		0,7397		150738	1115
2017	5	23001		1	1	19		0,7278		116785	850
2017	5	44001		1	1	19		0,5793		19161	111
2017	5	63001		1	1	19		1,0477		64521	676
2017	5	85001		1	1	19		0,832		78009	649
2017	5	95001		2	1	19		0,2396		12521	30
2017	5	5001		1	1	19		1,4661		353526	5183
2017	5	47001		1	1	19		0,7236		56661	410
2017	5	66001		1	1	19		0,5406		116912	632
2017	5	68001		1	1	19		0,9817		78846	774
2017	5	11001		1	1	19		1,03		1853857	19095
2017	5	76001		1	1	19		0,7717		276803	2136
2017	5	54001		1	1	19		1,0036		147072	1476
2017	5	68307		1	1	19		0,7298		18225	133
2017	5	15491		1	1	19		0,9485		3163	30
2017	5	25817		1	1	19		0,6348		8664	55
2017	5	5380		1	1	19		1,1461		8725	100
2017	5	5607		1	1	19		0,5894		5769	34



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	44430		1	1		19	0,2175		10574	23
2017	5	68276		1	1		19	0,9835		38739	381
2017	5	54405		1	1		19	0,3146		18437	58
2017	5	25754		1	1		19	1,368		123242	1686
2017	5	17380		1	1		19	0,7648		18566	142
2017	5	5318		1	1		19	0,7307		10948	80
2017	5	25290		1	1		19	1,6424		39697	652
2017	5	20011		1	1		19	0,3415		16105	55
2017	5	44560		1	1		19	0,4933		2027	10
2017	5	66170		1	1		19	0,4803		45802	220
2017	5	25126		1	1		19	1,2241		19851	243
2017	5	5266		1	1		19	1,1604		31714	368
2017	5	25899		1	1		19	1,4096		33981	479
2017	5	20400		1	1		19	0,4479		11834	53
2017	5	54498		1	1		19	0,6336		19885	126
2017	5	25269		1	1		19	0,922		43707	403
2017	5	76834		1	1		19	0,6907		22006	152
2017	5	76109		1	1		19	0,8302		35051	291
2017	5	52835		1	1		19	0,5142		24309	125
2017	5	73449		1	1		19	0,8157		19860	162
2017	5	68547		1	1		19	1,0538		19453	205
2017	5	41551		1	1		19	1,0882		36392	396
2017	5	15759		1	1		19	0,656		46948	308
2017	5	76147		1	1		19	0,4184		25098	105
2017	5	8758		1	1		19	0,5818		42451	247
2017	5	76520		1	1		19	0,9886		34594	342
2017	5	76892		1	1		19	0,6831		17713	121
2017	5	5212		1	1		19	1,4416		11515	166
2017	5	76130		1	1		19	0,763		11272	86
2017	5	76364		1	1		19	0,5984		18214	109
2017	5	73268		1	1		19	0,6314		20272	128
2017	5	91001		2	1	20			4,828		
2017	5	88001		2	1	20		0,5105		6660	34
2017	5	73001	7300102	1	1	20		0,4283		2335	10
2017	5	73001	7300103	1	1	20		0,8067		2975	24
2017	5	73001	7300104	1	1	20		0,3555		8440	30
2017	5	73001	7300105	1	1	20		0,7073		11311	80
2017	5	73001	7300106	1	1	20		0,8522		5046	43
2017	5	73001	7300107	1	1	20		1,2277		11648	143
2017	5	73001	7300108	1	1	20		1,1622		10153	118
2017	5	73001	7300109	1	1	20		3,0713		14131	434
2017	5	73001	7300110	1	1	20		0,3229		9601	31
2017	5	73001	7300111	1	1	20		0,192		4167	8
2017	5	73001	7300112	1	1	20		0,3781		6083	23
2017	5	73001	7300113	1	1	20		0,7589		4612	35
2017	5	52001		1	1	20		0,8755		57910	507
2017	5	73001		1	1	20		1,0139		101488	1029
2017	5	18001		1	1	20		0,6347		55141	350
2017	5	86001		2	1	20		0,3825		12548	48
2017	5	73001	7300101	1	1	20		0,3631		9089	33
2017	5	23001		1	2	9		0,526		170518	897
2017	5	86001		2	2	10		0,3826		23523	90
2017	5	8001		1	2	10		0,4927		285764	1408
2017	5	47001		1	2	10		0,6003		90785	545
2017	5	66001		1	2	10		0,4032		219766	886
2017	5	68001		1	2	10		0,6471		180803	1170
2017	5	54001		1	2	10		0,7001		248114	1737
2017	5	76834		1	2	10		0,5155		35694	184
2017	5	76109		1	2	10		0,4087		55046	225
2017	5	76147		1	2	10		0,2674		39647	106
2017	5	8758		1	2	10		0,4824		51824	250
2017	5	76520		1	2	10		0,5415		58913	319
2017	5	76892		1	2	10		0,3542		48283	171
2017	5	76130		1	2	10		0,7514		15704	118
2017	5	76364		1	2	10		0,5399		24263	131
2017	5	54001	5400106	1	2	10		1,004		24702	248
2017	5	54001	5400101	1	2	10		0,3537		65316	231
2017	5	54001	5400104	1	2	10		0,8075		14118	114
2017	5	54001	5400110	1	2	10		0,8461		9691	82
2017	5	54001	5400108	1	2	10		0,5164		20916	108
2017	5	54001	5400105	1	2	10		0,7126		32837	234
2017	5	54001	5400103	1	2	10		1,3595		11107	151
2017	5	54001	5400107	1	2	10		0,6231		19098	119
2017	5	54001	5400109	1	2	10		0,7412		14302	106
2017	5	54001	5400102	1	2	10		0,715		32449	232
2017	5	8001	800105	1	2	10		0,2837		38771	110
2017	5	8001	800103	1	2	10		0,8278		42764	354
2017	5	8001	800102	1	2	10		0,7583		19648	149
2017	5	8001	800101	1	2	10		0,7799		35006	273



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2017	5	8001	800104	1	2	10		0,3347		146987	492
2017	5	68001	6800111	1	2	10		0,2877		4518	13
2017	5	68001	6800117	1	2	10		1,481		3106	46
2017	5	68001	6800101	1	2	10		0,4736		6335	30
2017	5	68001	6800115	1	2	10		0,583		17154	100
2017	5	68001	6800113	1	2	10		0,5967		34693	207
2017	5	68001	6800110	1	2	10		1,1478		8974	103
2017	5	68001	6800104	1	2	10		0,4113		15562	64
2017	5	68001	6800107	1	2	10		0,8718		3097	27
2017	5	68001	6800106	1	2	10		0,7834		13275	104
2017	5	68001	6800105	1	2	10		1,2018		7905	95
2017	5	68001	6800103	1	2	10		0,3785		20610	78
2017	5	68001	6800108	1	2	10		0,4932		2636	13
2017	5	68001	6800116	1	2	10		0,9514		6096	58
2017	5	68001	6800112	1	2	10		0,5705		34706	198
2017	5	8573		1	2		10	0,3287		14602	48
2017	5	76111		1	2		10	0,3116		18294	57
2017	5	50001	5000101	1	2	10		0,5696		20365	116
2017	5	50001	5000102	1	2	10		0,4765		73242	349
2017	5	50001	5000103	1	2	10		0,1604		28048	45
2017	5	50001	5000104	1	2	10		0,6121		23690	145
2017	5	50001	5000105	1	2	10		0,447		48995	219
2017	5	50001	5000106	1	2	10		0,1456		13050	19
2017	5	50001	5000107	1	2	10		0,9965		38834	387
2017	5	50001	5000108	1	2	10		0,4289		18184	78
2017	5	73001	7300101	1	2	10		0,2456		38686	95
2017	5	73001	7300102	1	2	10		0,4211		3325	14
2017	5	73001	7300103	1	2	10		0,528		11932	63
2017	5	73001	7300104	1	2	10		0,3534		16413	58
2017	5	73001	7300105	1	2	10		0,6022		16937	102
2017	5	73001	7300106	1	2	10		0,356		7304	26
2017	5	73001	7300107	1	2	10		0,7805		14478	113
2017	5	73001	7300108	1	2	10		0,7017		12256	86
2017	5	73001	7300109	1	2	10		1,7672		29935	529
2017	5	73001	7300110	1	2	10		0,2924		30093	88
2017	5	73001	7300111	1	2	10		0,3006		4657	14
2017	5	73001	7300112	1	2	10		0,2051		7802	16
2017	5	73001	7300113	1	2	10		0,7791		3979	31
2017	5	13001	1300102	1	2	10		0,5635		56432	318
2017	5	13001	1300103	1	2	10		0,5942		70181	417
2017	5	13001	1300101	1	2	10		0,4174		128894	538
2017	5	50001		1	2	10		0,5873		292019	1715
2017	5	20001		1	2	10		0,248		104044	258
2017	5	41001		1	2	10		0,3479		145161	505
2017	5	70001		1	2	10		0,3948		74968	296
2017	5	52001		1	2	10		0,7247		122668	889
2017	5	73001		1	2	10		0,6264		201310	1261
2017	5	13001		1	2	10		0,4982		255507	1273
2017	5	18001		1	2	10		0,369		97019	358
2017	5	63001		1	2	10		0,6107		120846	738
2017	5	76001	7600121	1	2	11		0,5719		4022	23
2017	5	76001		1	2	11		0,6697		534260	3578
2017	5	5001	500102	1	2	11		1,7249		14436	249
2017	5	5001	500109	1	2	11		1,5124		17919	271
2017	5	5001	500110	1	2	11		1,0695		191119	2044
2017	5	5001	500108	1	2	11		1,8973		14705	279
2017	5	5001	500106	1	2	11		1,3832		13158	182
2017	5	5001	500111	1	2	11		0,9371		72672	681
2017	5	76001	7600101	1	2	11		0,5421		5534	30
2017	5	76001	7600102	1	2	11		0,369		85643	316
2017	5	76001	7600103	1	2	11		0,5626		64520	363
2017	5	76001	7600104	1	2	11		0,1535		24108	37
2017	5	76001	7600105	1	2	11		0,2105		22328	47
2017	5	76001	7600106	1	2	11		0,2598		12701	33
2017	5	76001	7600107	1	2	11		0,467		8565	40
2017	5	76001	7600108	1	2	11		0,2935		26236	77
2017	5	76001	7600109	1	2	11		0,4169		24224	101
2017	5	76001	7600110	1	2	11		0,4959		21577	107
2017	5	76001	7600111	1	2	11		0,8386		12044	101
2017	5	76001	7600112	1	2	11		0,4444		3825	17
2017	5	76001	7600113	1	2	11		0,6622		15252	101
2017	5	76001	7600114	1	2	11		0,6973		14915	104
2017	5	76001	7600115	1	2	11		0,6907		7094	49
2017	5	76001	7600116	1	2	11		0,7608		9990	76
2017	5	76001	7600117	1	2	11		0,7139		51411	367
2017	5	76001	7600118	1	2	11		1,8157		17624	320
2017	5	76001	7600119	1	2	11		1,292		64705	836
2017	5	76001	7600120	1	2	11		0,4774		3561	17
2017	5	5001	500116	1	2	11		1,0389		57178	594



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500101	1	2	11		1,4479		4213	61
2017	5	5001	500107	1	2	11		1,9992		31013	620
2017	5	5001	500104	1	2	11		1,5413		21735	335
2017	5	5001	500105	1	2	11		1,728		35128	607
2017	5	5001	500115	1	2	11		0,6363		47617	303
2017	5	5001	500103	1	2	11		1,5744		9083	143
2017	5	5001	500114	1	2	11		0,5047		123844	625
2017	5	5001	500112	1	2	11		0,7789		23751	185
2017	5	5001	500113	1	2	11		1,1657		17758	207
2017	5	5001		1	2	11		1,0715		715190	7663
2017	5	88001		2	2	11		0,5224		9571	50
2017	5	76001	7600122	1	2	11		1,1466		23722	272
2017	5	11001	1100107	1	2	12		0,8882		144342	1282
2017	5	11001	1100111	1	2	12		0,794		382494	3037
2017	5	11001	1100105	1	2	12		0,7284		65070	474
2017	5	11001	1100108	1	2	12		0,8052		364871	2938
2017	5	11001	1100101	1	2	12		0,7246		342961	2485
2017	5	11001	1100110	1	2	12		0,6331		299317	1895
2017	5	11001	1100109	1	2	12		0,851		245479	2089
2017	5	11001	1100114	1	2	12		0,5592		155759	871
2017	5	11001	1100103	1	2	12		0,5689		162430	924
2017	5	11001	1100102	1	2	12		0,5545		336727	1867
2017	5	11001	1100117	1	2	12		0,6623		72176	478
2017	5	11001	1100106	1	2	12		0,9258		71725	664
2017	5	11001	1100113	1	2	12		0,643		218679	1406
2017	5	11001	1100118	1	2	12		0,71		109861	780
2017	5	11001	1100116	1	2	12		0,6267		225157	1411
2017	5	11001	1100104	1	2	12		1,4434		81196	1172
2017	5	11001	1100115	1	2	12		0,9105		64689	589
2017	5	11001	1100112	1	2	12		0,6745		156708	1057
2017	5	11001	1100119	1	2	12		1,2031		113127	1361
2017	5	11001		1	2	12		0,7413		3612768	26780
2017	5	17001		1	2	17		0,4527		195705	886
2017	5	99001		2	2	18			1,8125		
2017	5	5212		1	2		18	1,6173		16138	261
2017	5	5376		1	2		18	1,3305		17888	238
2017	5	15572		1	2		18	0,8233		16154	133
2017	5	5088		1	2		18	1,8334		77017	1412
2017	5	5837		1	2		18	0,9218		27228	251
2017	5	25799		1	2		18	1,7289		7230	125
2017	5	5615		1	2		18	0,4799		73970	355
2017	5	5129		1	2		18	0,7521		20078	151
2017	5	25286		1	2		18	2,1813		38785	846
2017	5	25473		1	2		18	1,2471		39933	498
2017	5	5308		1	2		18	0,6451		15811	102
2017	5	85410		1	2		18	1,5588		10585	165
2017	5	25175		1	2		18	0,7294		61284	447
2017	5	5360		1	2		18	1,2259		50166	615
2017	5	25758		1	2		18	1,6582		13750	228
2017	5	25307		1	2		18	0,6032		44427	268
2017	5	25377		1	2		18	0,548		12592	69
2017	5	68081		1	2		18	0,514		67121	345
2017	5	15238		1	2		18	0,329		83900	276
2017	5	25430		1	2		18	1,2586		35357	445
2017	5	5045		1	2		18	1,0718		42080	451
2017	5	5631		1	2		18	1,1087		26428	293
2017	5	68679		1	2		18	0,655		16184	106
2017	5	25214		1	2		18	1,6117		30030	484
2017	5	19001		1	2	18		0,4539		131309	596
2017	5	81001		1	2	18		0,3932		21620	85
2017	5	15001		1	2	18		0,4999		144635	723
2017	5	85001		1	2	18		0,7425		126187	937
2017	5	95001		2	2	18		0,2308		17329	40
2017	5	68307		1	2		18	0,6494		26484	172
2017	5	15491		1	2		18	0,9457		4864	46
2017	5	25817		1	2		18	0,4778		14231	68
2017	5	5380		1	2		18	1,6084		14424	232
2017	5	5607		1	2		18	0,3319		7834	26
2017	5	68276		1	2		18	1,0389		54480	566
2017	5	25754		1	2		18	1,049		144715	1518
2017	5	5318		1	2		18	0,7938		15244	121
2017	5	25290		1	2		18	1,0203		54788	559
2017	5	25126		1	2		18	1,333		30982	413
2017	5	5266		1	2		18	1,176		55273	650
2017	5	25899		1	2		18	1,2558		52875	664
2017	5	25269		1	2		18	0,6876		58611	403
2017	5	68547		1	2		18	0,8627		26545	229
2017	5	15759		1	2		18	0,4155		81356	338
2017	5	94001		2	2	18			1,2582		



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	91001		2	2	19			4,47		
2017	5	73268		1	2		19	0,5941		23395	139
2017	5	50006		1	2		19	1,1298		32395	366
2017	5	52356		1	2		19	0,894		18569	166
2017	5	54874		1	2		19	1,341		14392	193
2017	5	50568		1	2		19	0,6225		12049	75
2017	5	44001		1	2	19		0,5305		23184	123
2017	5	44430		1	2		19	0,2465		12172	30
2017	5	54405		1	2		19	0,4149		20489	85
2017	5	17380		1	2		19	1,0745		22242	239
2017	5	20011		1	2		19	0,4347		19325	84
2017	5	44560		1	2		19	0,6682		2544	17
2017	5	66170		1	2		19	0,5288		59949	317
2017	5	20400		1	2		19	0,4594		14801	68
2017	5	54498		1	2		19	0,7533		23629	178
2017	5	52835		1	2		19	0,6894		24224	167
2017	5	73449		1	2		19	0,5771		19928	115
2017	5	41551		1	2		19	0,9593		43679	419
2017	5	44847		1	2		19	0,3586		6135	22
2017	5	27001		2	2	20		1,486		58546	870
2017	5	97001		2	2	21			1,0417		
2017	5	8758		1	3		10	0,407		50865	207
2017	5	13001		1	3	10		0,6705		256691	1721
2017	5	97001		2	3	10			0,197		
2017	5	20001		1	3	10		0,275		101094	278
2017	5	13001	1300101	1	3	10		0,5582		129158	721
2017	5	13001	1300103	1	3	10		0,6017		70805	426
2017	5	8573		1	3		10	0,4365		15579	68
2017	5	13001	1300102	1	3	10		1,0118		56728	574
2017	5	8001		1	3	16		0,4152		311626	1294
2017	5	70001		1	3	16		0,2957		77781	230
2017	5	8001	800104	1	3	16		0,3396		161357	548
2017	5	8001	800101	1	3	16		0,6981		35809	250
2017	5	8001	800102	1	3	16		0,7109		20397	145
2017	5	8001	800103	1	3	16		0,4587		42949	197
2017	5	8001	800105	1	3	16		0,2842		48552	138
2017	5	76001	7600121	1	3	17		0,5132		4871	25
2017	5	76001	7600122	1	3	17		1,2058		28363	342
2017	5	54001	5400106	1	3	17		1,043		28954	302
2017	5	54001	5400101	1	3	17		0,3661		63363	232
2017	5	54001	5400104	1	3	17		0,9088		16505	150
2017	5	54001	5400110	1	3	17		0,9433		10601	100
2017	5	54001	5400108	1	3	17		0,5584		23816	133
2017	5	54001	5400105	1	3	17		0,5075		35667	181
2017	5	54001	5400103	1	3	17		1,3378		13081	175
2017	5	54001	5400107	1	3	17		0,6889		22789	157
2017	5	54001	5400109	1	3	17		0,6436		16469	106
2017	5	54001	5400102	1	3	17		0,6736		35628	240
2017	5	99001		2	3	17			2,2981		
2017	5	91001		2	3	17			3,1341		
2017	5	5001	500102	1	3	17		2,0327		19334	393
2017	5	5001	500109	1	3	17		1,4706		22916	337
2017	5	5001	500110	1	3	17		1,3478		190908	2573
2017	5	5001	500108	1	3	17		1,8813		18019	339
2017	5	5001	500106	1	3	17		1,5355		17389	267
2017	5	5001	500111	1	3	17		1,0516		81021	852
2017	5	68001	6800111	1	3	17		0,4708		4885	23
2017	5	68001	6800117	1	3	17		1,3286		3688	49
2017	5	68001	6800101	1	3	17		0,5689		7031	40
2017	5	68001	6800115	1	3	17		0,4934		15606	77
2017	5	68001	6800113	1	3	17		1,0708		36327	389
2017	5	68001	6800110	1	3	17		1,2288		11149	137
2017	5	68001	6800104	1	3	17		0,6957		13656	95
2017	5	68001	6800107	1	3	17		0,6102		4425	27
2017	5	68001	6800106	1	3	17		0,7461		13805	103
2017	5	68001	6800105	1	3	17		1,2716		8729	111
2017	5	68001	6800103	1	3	17		0,4382		21453	94
2017	5	68001	6800108	1	3	17		1,1855		3374	40
2017	5	68001	6800116	1	3	17		1,3862		8945	124
2017	5	68001	6800112	1	3	17		0,6225		37432	233
2017	5	11001	1100107	1	3	17		0,9261		155387	1439
2017	5	11001	1100111	1	3	17		1,1784		442384	5213
2017	5	11001	1100105	1	3	17		0,7846		72139	566
2017	5	11001	1100108	1	3	17		1,1473		395101	4533
2017	5	11001	1100101	1	3	17		0,9148		362936	3320
2017	5	11001	1100110	1	3	17		0,8534		342985	2927
2017	5	11001	1100109	1	3	17		0,8925		256241	2287
2017	5	11001	1100114	1	3	17		0,9016		146401	1320
2017	5	11001	1100103	1	3	17		0,6033		152001	917



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001	1100102	1	3	17		0,5947		336305	2000
2017	5	11001	1100117	1	3	17		0,5587		62112	347
2017	5	11001	1100106	1	3	17		1,1158		77074	860
2017	5	11001	1100113	1	3	17		0,8518		228451	1946
2017	5	11001	1100118	1	3	17		0,9121		119288	1088
2017	5	11001	1100116	1	3	17		0,7119		230781	1643
2017	5	11001	1100104	1	3	17		1,5251		86158	1314
2017	5	11001	1100115	1	3	17		0,7245		66251	480
2017	5	11001	1100112	1	3	17		0,8389		167120	1402
2017	5	11001	1100119	1	3	17		1,0514		130682	1374
2017	5	76001	7600101	1	3	17		0,4239		6841	29
2017	5	76001	7600102	1	3	17		0,4281		91575	392
2017	5	76001	7600103	1	3	17		0,6147		62147	382
2017	5	76001	7600104	1	3	17		0,1387		25235	35
2017	5	76001	7600105	1	3	17		0,2402		27895	67
2017	5	76001	7600106	1	3	17		0,3982		15571	62
2017	5	76001	7600107	1	3	17		0,5795		11562	67
2017	5	76001	7600108	1	3	17		0,4398		30239	133
2017	5	76001	7600109	1	3	17		0,4517		23466	106
2017	5	76001	7600110	1	3	17		0,4619		25114	116
2017	5	76001	7600111	1	3	17		0,6478		14357	93
2017	5	76001	7600112	1	3	17		0,3241		4936	16
2017	5	76001	7600113	1	3	17		0,7414		19019	141
2017	5	76001	7600114	1	3	17		0,6849		18396	126
2017	5	76001	7600115	1	3	17		0,5991		9013	54
2017	5	76001	7600116	1	3	17		0,6151		12844	79
2017	5	76001	7600117	1	3	17		0,7296		64966	474
2017	5	76001	7600118	1	3	17		1,873		21516	403
2017	5	76001	7600119	1	3	17		0,9826		69204	680
2017	5	76001	7600120	1	3	17		0,6705		4325	29
2017	5	5376		1	3		17	0,6901		16810	116
2017	5	15572		1	3		17	0,7013		16968	119
2017	5	5088		1	3		17	1,5874		84604	1343
2017	5	5837		1	3		17	1,0025		28529	286
2017	5	25799		1	3		17	1,8422		7654	141
2017	5	5615		1	3		17	0,435		87821	382
2017	5	5129		1	3		17	0,7885		21433	169
2017	5	25286		1	3		17	1,836		39706	729
2017	5	25473		1	3		17	1,0914		45354	495
2017	5	5308		1	3		17	0,6208		16431	102
2017	5	25175		1	3		17	0,9404		75817	713
2017	5	5360		1	3		17	1,2274		64447	791
2017	5	25758		1	3		17	1,3817		17081	236
2017	5	25307		1	3		17	0,4913		46810	230
2017	5	25377		1	3		17	0,6328		13906	88
2017	5	68081		1	3		17	0,3898		75161	293
2017	5	15238		1	3		17	0,5001		95189	476
2017	5	25430		1	3		17	1,4373		38683	556
2017	5	76111		1	3		17	0,426		20659	88
2017	5	5045		1	3		17	0,7474		46563	348
2017	5	5631		1	3		17	1,1158		33876	378
2017	5	68679		1	3		17	0,385		18961	73
2017	5	25214		1	3		17	2,5653		30796	790
2017	5	50001	5000101	1	3	17		0,5514		23214	128
2017	5	50001	5000102	1	3	17		0,286		71678	205
2017	5	50001	5000103	1	3	17		0,2394		32170	77
2017	5	50001	5000104	1	3	17		0,5111		28761	147
2017	5	50001	5000105	1	3	17		0,4601		58684	270
2017	5	50001	5000106	1	3	17		0,1158		15543	18
2017	5	50001	5000107	1	3	17		0,8458		50720	429
2017	5	50001	5000108	1	3	17		0,5197		20397	106
2017	5	73001	7300101	1	3	17		0,2775		38561	107
2017	5	73001	7300102	1	3	17		0,2566		3507	9
2017	5	73001	7300103	1	3	17		0,4095		11477	47
2017	5	73001	7300104	1	3	17		0,3591		17821	64
2017	5	73001	7300105	1	3	17		0,5898		21025	124
2017	5	73001	7300106	1	3	17		0,5378		8926	48
2017	5	73001	7300107	1	3	17		0,859		16181	139
2017	5	73001	7300108	1	3	17		0,7535		13404	101
2017	5	73001	7300109	1	3	17		2,383		32019	763
2017	5	73001	7300110	1	3	17		0,201		29846	60
2017	5	73001	7300111	1	3	17		0,3337		5094	17
2017	5	73001	7300112	1	3	17		0,2869		8713	25
2017	5	73001	7300113	1	3	17		0,483		4555	22
2017	5	5001	500116	1	3	17		1,0948		68140	746
2017	5	5001	500101	1	3	17		1,8243		5646	103
2017	5	5001	500107	1	3	17		1,9317		37635	727
2017	5	5001	500104	1	3	17		2,0081		26792	538
2017	5	5001	500105	1	3	17		2,0526		41264	847



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500115	1	3	17		0,8201		51945	426
2017	5	5001	500103	1	3	17		1,882		12115	228
2017	5	5001	500114	1	3	17		0,6013		138041	830
2017	5	5001	500112	1	3	17		0,7724		27963	216
2017	5	5001	500113	1	3	17		1,1472		22664	260
2017	5	50001		1	3	17		0,5322		330703	1760
2017	5	19001		1	3	17		0,4318		147529	637
2017	5	41001		1	3	17		0,4232		162097	686
2017	5	81001		1	3	17		0,297		23233	69
2017	5	15001		1	3	17		0,5981		153989	921
2017	5	17001		1	3	17		0,4582		211472	969
2017	5	52001		1	3	17		0,7194		127598	918
2017	5	73001		1	3	17		0,7264		214771	1560
2017	5	18001		1	3	17		0,4081		110269	450
2017	5	23001		1	3	17		0,5445		184570	1005
2017	5	44001		1	3	17		0,3062		29717	91
2017	5	63001		1	3	17		0,6066		135671	823
2017	5	85001		1	3	17		0,6237		141889	885
2017	5	95001		2	3	17		0,1749		19442	34
2017	5	86001		2	3	17		0,4049		25192	102
2017	5	5001		1	3	17		1,2462		805949	10044
2017	5	47001		1	3	17		0,8845		92593	819
2017	5	66001		1	3	17		0,5491		258962	1422
2017	5	68001		1	3	17		0,8144		192791	1570
2017	5	11001		1	3	17		0,9133		3829797	34976
2017	5	76001		1	3	17		0,6708		604521	4055
2017	5	54001		1	3	17		0,6871		270115	1856
2017	5	68307		1	3	17		0,4947		32344	160
2017	5	15491		1	3	17		0,8372		5136	43
2017	5	25817		1	3	17		0,415		15662	65
2017	5	5380		1	3	17		1,3576		17678	240
2017	5	5607		1	3	17		0,3257		8289	27
2017	5	68276		1	3	17		1,1838		62005	734
2017	5	25754		1	3	17		0,9017		142172	1282
2017	5	5318		1	3	17		0,6119		15852	97
2017	5	25290		1	3	17		0,8645		60381	522
2017	5	66170		1	3	17		0,5162		79032	408
2017	5	25126		1	3	17		1,1867		35054	416
2017	5	5266		1	3	17		1,2779		71761	917
2017	5	25899		1	3	17		1,0355		54855	568
2017	5	25269		1	3	17		0,7003		61975	434
2017	5	76834		1	3	17		0,6979		38976	272
2017	5	76109		1	3	17		0,4142		60111	249
2017	5	68547		1	3	17		0,808		28466	230
2017	5	15759		1	3	17		0,4525		91272	413
2017	5	76147		1	3	17		0,3149		43510	137
2017	5	76520		1	3	17		0,7598		67785	515
2017	5	76892		1	3	17		0,4811		47602	229
2017	5	5212		1	3	17		1,4159		18787	266
2017	5	76130		1	3	17		0,6527		18232	119
2017	5	76364		1	3	17		1,0221		24361	249
2017	5	85410		1	3	18		1,4101		9432	133
2017	5	54498		1	3	19		0,7142		22962	164
2017	5	52835		1	3	19		0,6051		25285	153
2017	5	52356		1	3	19		0,8164		18251	149
2017	5	54874		1	3	19		1,4946		13582	203
2017	5	50568		1	3	19		0,8019		11598	93
2017	5	94001		2	3	19			1,4767		
2017	5	88001		2	3	19		0,6095		8696	53
2017	5	73268		1	3	19		0,5396		22611	122
2017	5	54405		1	3	19		0,4348		20239	88
2017	5	17380		1	3	19		0,7581		23084	175
2017	5	20011		1	3	19		0,4857		18323	89
2017	5	50006		1	3	19		1,1352		32769	372
2017	5	20400		1	3	19		0,4126		14543	60
2017	5	41551		1	3	19		0,8386		42927	360
2017	5	73449		1	3	19		0,6165		19628	121
2017	5	44560		1	3	20		0,721		1803	13
2017	5	44430		1	3	20		0,3309		10577	35
2017	5	27001		2	3	20		1,4941		60437	903
2017	5	44847		1	3	20		0,3107		5149	16
2017	5	70001		1	4	9		0,3497		73770	258
2017	5	76001	7600115	1	4	10		0,6274		7172	45
2017	5	76001	7600116	1	4	10		0,5848		10260	60
2017	5	76001	7600117	1	4	10		0,5288		52386	277
2017	5	76001	7600118	1	4	10		1,0146		9068	92
2017	5	76001	7600119	1	4	10		0,6009		63901	384
2017	5	76001	7600120	1	4	10		0,6704		3580	24
2017	5	8573		1	4	10		0,363		14600	53





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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76111		1	4		10	0,3082		18171	56
2017	5	50001	5000101	1	4	10		0,5212		20146	105
2017	5	50001	5000102	1	4	10		0,4919		72176	355
2017	5	50001	5000103	1	4	10		0,2439		27877	68
2017	5	50001	5000104	1	4	10		0,3828		24031	92
2017	5	50001	5000105	1	4	10		0,4843		48936	237
2017	5	50001	5000106	1	4	10		0,183		13659	25
2017	5	50001	5000107	1	4	10		1,1141		38596	430
2017	5	50001	5000108	1	4	10		0,7101		18306	130
2017	5	73001	7300101	1	4	10		0,2851		35073	100
2017	5	73001	7300102	1	4	10		0,2354		3399	8
2017	5	73001	7300103	1	4	10		0,5645		12047	68
2017	5	73001	7300104	1	4	10		0,3583		15350	55
2017	5	73001	7300105	1	4	10		0,6202		16125	100
2017	5	73001	7300106	1	4	10		0,526		6464	34
2017	5	73001	7300107	1	4	10		0,8746		13378	117
2017	5	73001	7300108	1	4	10		0,7699		12079	93
2017	5	73001	7300109	1	4	10		1,7419		29393	512
2017	5	73001	7300110	1	4	10		0,4095		28573	117
2017	5	73001	7300111	1	4	10		0,3139		4141	13
2017	5	73001	7300112	1	4	10		0,2954		7447	22
2017	5	73001	7300113	1	4	10		0,6395		4222	27
2017	5	13001	1300102	1	4	10		0,4808		53868	259
2017	5	13001	1300103	1	4	10		0,566		69438	393
2017	5	13001	1300101	1	4	10		0,4301		129262	556
2017	5	50001		1	4	10		0,5976		291810	1744
2017	5	20001		1	4	10		0,2211		98145	217
2017	5	41001		1	4	10		0,3693		136742	505
2017	5	17001		1	4	10		0,4716		177499	837
2017	5	73001		1	4	10		0,6808		191235	1302
2017	5	13001		1	4	10		0,4783		252568	1208
2017	5	23001		1	4	10		0,5822		166429	969
2017	5	63001		1	4	10		0,6211		117047	727
2017	5	8001		1	4	10		0,459		281703	1293
2017	5	47001		1	4	10		0,7637		88387	675
2017	5	66001		1	4	10		0,4378		213553	935
2017	5	68001		1	4	10		0,7337		175415	1287
2017	5	11001		1	4	10		0,747		3561315	26604
2017	5	76001		1	4	10		0,5281		520364	2748
2017	5	54001		1	4	10		0,6818		239353	1632
2017	5	76834		1	4	10	10	0,5228		33663	176
2017	5	76109		1	4	10	10	0,4621		55400	256
2017	5	76147		1	4	10	10	0,35		36861	129
2017	5	8758		1	4	10	10	0,3833		48791	187
2017	5	76520		1	4	10	10	0,6042		60580	366
2017	5	76892		1	4	10	10	0,3385		51111	173
2017	5	76130		1	4	10	10	0,6792		16490	112
2017	5	76364		1	4	10	10	0,6394		23772	152
2017	5	76001	7600121	1	4	10		0,5503		3816	21
2017	5	76001	7600122	1	4	10		1,1994		25012	300
2017	5	54001	5400106	1	4	10		0,8784		24932	219
2017	5	54001	5400101	1	4	10		0,4838		62003	300
2017	5	54001	5400104	1	4	10		0,8834		13358	118
2017	5	54001	5400110	1	4	10		1,0607		8768	93
2017	5	54001	5400108	1	4	10		0,5669		20815	118
2017	5	54001	5400105	1	4	10		0,486		30657	149
2017	5	54001	5400103	1	4	10		1,1763		10967	129
2017	5	54001	5400107	1	4	10		0,4883		19044	93
2017	5	54001	5400109	1	4	10		0,8167		13714	112
2017	5	54001	5400102	1	4	10		0,7038		31685	223
2017	5	8001	800105	1	4	10		0,2809		39515	111
2017	5	8001	800103	1	4	10		0,5211		42599	222
2017	5	8001	800102	1	4	10		0,6873		19061	131
2017	5	8001	800101	1	4	10		0,8892		33965	302
2017	5	8001	800104	1	4	10		0,3535		143700	508
2017	5	68001	6800111	1	4	10		0,4376		4342	19
2017	5	68001	6800117	1	4	10		0,6158		2923	18
2017	5	68001	6800101	1	4	10		0,6257		5913	37
2017	5	68001	6800115	1	4	10		0,7735		16807	130
2017	5	68001	6800113	1	4	10		0,7741		33457	259
2017	5	68001	6800110	1	4	10		1,0087		8823	89
2017	5	68001	6800104	1	4	10		0,8505		13991	119
2017	5	68001	6800107	1	4	10		0,4589		3269	15
2017	5	68001	6800106	1	4	10		0,8791		13081	115
2017	5	68001	6800105	1	4	10		1,2635		7756	98
2017	5	68001	6800103	1	4	10		0,4841		20242	98
2017	5	68001	6800108	1	4	10		0,4804		2706	13
2017	5	68001	6800116	1	4	10		1,4472		6150	89
2017	5	68001	6800112	1	4	10		0,4764		33796	161



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001	1100107	1	4	10		0,8038		135986	1093
2017	5	11001	1100111	1	4	10		0,9564		391898	3748
2017	5	11001	1100105	1	4	10		0,7518		60655	456
2017	5	11001	1100108	1	4	10		1,0306		368021	3793
2017	5	11001	1100101	1	4	10		0,7241		345529	2502
2017	5	11001	1100110	1	4	10		0,6639		304129	2019
2017	5	11001	1100109	1	4	10		0,7581		244414	1853
2017	5	11001	1100114	1	4	10		0,6111		149741	915
2017	5	11001	1100103	1	4	10		0,5277		149135	787
2017	5	11001	1100102	1	4	10		0,4861		326861	1589
2017	5	11001	1100117	1	4	10		0,5537		65015	360
2017	5	11001	1100106	1	4	10		0,8813		68761	606
2017	5	11001	1100113	1	4	10		0,6485		217257	1409
2017	5	11001	1100118	1	4	10		0,6986		105639	738
2017	5	11001	1100116	1	4	10		0,5392		223663	1206
2017	5	11001	1100104	1	4	10		1,4722		75466	1111
2017	5	11001	1100115	1	4	10		0,7748		62211	482
2017	5	11001	1100112	1	4	10		0,5731		156355	896
2017	5	11001	1100119	1	4	10		0,9414		110579	1041
2017	5	76001	7600101	1	4	10		0,7434		5515	41
2017	5	76001	7600102	1	4	10		0,353		85824	303
2017	5	76001	7600103	1	4	10		0,6328		61944	392
2017	5	76001	7600104	1	4	10		0,1521		23663	36
2017	5	76001	7600105	1	4	10		0,1879		21817	41
2017	5	76001	7600106	1	4	10		0,259		11967	31
2017	5	76001	7600107	1	4	10		0,4152		8188	34
2017	5	76001	7600108	1	4	10		0,3981		26879	107
2017	5	76001	7600109	1	4	10		0,4996		23620	118
2017	5	76001	7600110	1	4	10		0,3689		21684	80
2017	5	76001	7600111	1	4	10		0,6769		11670	79
2017	5	76001	7600112	1	4	10		0,4208		3802	16
2017	5	76001	7600113	1	4	10		0,6365		14453	92
2017	5	76001	7600114	1	4	10		0,5633		14380	81
2017	5	5001	500102	1	4	11		1,3816		13173	182
2017	5	88001		2	4	11		1,0066		10928	110
2017	5	5001	500110	1	4	11		1,1005		186921	2057
2017	5	5001	500108	1	4	11		1,6269		14076	229
2017	5	5001	500106	1	4	11		1,3744		13242	182
2017	5	5001	500111	1	4	11		0,8595		71433	614
2017	5	5001	500116	1	4	11		0,9991		55652	556
2017	5	5001	500101	1	4	11		2,0423		4015	82
2017	5	5001	500107	1	4	11		1,9858		30416	604
2017	5	5001	500104	1	4	11		1,7654		20959	370
2017	5	5001	500105	1	4	11		1,6636		32880	547
2017	5	5001	500115	1	4	11		0,7008		46658	327
2017	5	5001	500103	1	4	11		1,7221		8420	145
2017	5	5001	500114	1	4	11		0,5295		123505	654
2017	5	5001	500112	1	4	11		0,7626		22161	169
2017	5	5001	500113	1	4	11		1,1438		16961	194
2017	5	52001		1	4	11		0,8074		111969	904
2017	5	5001		1	4	11		1,0656		697512	7433
2017	5	5001	500109	1	4	11		1,4626		17366	254
2017	5	86001		2	4	16		0,4718		22041	104
2017	5	15572		1	4		18	1,023		16911	173
2017	5	25799		1	4		18	1,5618		6723	105
2017	5	25286		1	4		18	2,1952		34484	757
2017	5	25473		1	4		18	1,4183		39837	565
2017	5	25175		1	4		18	0,702		63956	449
2017	5	25758		1	4		18	1,3243		14498	192
2017	5	25307		1	4		18	0,6158		41572	256
2017	5	25377		1	4		18	0,7938		13354	106
2017	5	68081		1	4		18	0,514		66930	344
2017	5	15238		1	4		18	0,4035		80541	325
2017	5	25430		1	4		18	1,4797		35817	530
2017	5	68679		1	4		18	0,4371		17160	75
2017	5	25214		1	4		18	1,227		22413	275
2017	5	81001		1	4	18		0,3474		21011	73
2017	5	15001		1	4	18		0,5389		146405	789
2017	5	85001		1	4	18		0,6777		128672	872
2017	5	95001		2	4	18		0,1687		18379	31
2017	5	68307		1	4		18	0,7143		26038	186
2017	5	15491		1	4		18	0,631		4913	31
2017	5	25817		1	4		18	0,6755		14804	100
2017	5	68276		1	4		18	1,1661		53770	627
2017	5	25754		1	4		18	0,9537		140824	1343
2017	5	25290		1	4		18	0,9906		55524	550
2017	5	25126		1	4		18	1,4773		32626	482
2017	5	25899		1	4		18	1,1494		52112	599
2017	5	25269		1	4		18	0,6724		58300	392



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68547		1	4		18	0,9351		25879	242
2017	5	15759		1	4		18	0,4576		79980	366
2017	5	91001		2	4	19			4,669		
2017	5	73268		1	4		19	0,5172		24360	126
2017	5	94001		2	4	19			1,993		
2017	5	99001		2	4	19			2,8974		
2017	5	5212		1	4		19	1,7067		13711	234
2017	5	41551		1	4		19	0,813		42434	345
2017	5	73449		1	4		19	0,6801		21025	143
2017	5	5376		1	4		19	0,7219		14407	104
2017	5	44847		1	4		19	0,1669		5990	10
2017	5	5088		1	4		19	2,046		68964	1411
2017	5	5837		1	4		19	1,1262		25662	289
2017	5	5615		1	4		19	0,5221		56118	293
2017	5	5129		1	4		19	0,8844		16847	149
2017	5	50006		1	4		19	1,0181		33298	339
2017	5	5308		1	4		19	0,9761		11782	115
2017	5	85410		1	4		19	1,7706		8528	151
2017	5	54874		1	4		19	1,6683		14146	236
2017	5	50568		1	4		19	0,8916		12338	110
2017	5	5360		1	4		19	1,3097		38712	507
2017	5	5045		1	4		19	0,782		35039	274
2017	5	5631		1	4		19	1,0537		19930	210
2017	5	19001		1	4	19		0,4751		113243	538
2017	5	18001		1	4	19		0,5352		82400	441
2017	5	44001		1	4	19		0,4043		23742	96
2017	5	5380		1	4		19	1,5758		12121	191
2017	5	5607		1	4		19	0,3171		6623	21
2017	5	44430		1	4		19	0,3287		11864	39
2017	5	54405		1	4		19	0,3334		20393	68
2017	5	17380		1	4		19	2,0764		23791	494
2017	5	5318		1	4		19	0,7504		11993	90
2017	5	20011		1	4		19	0,3907		19196	75
2017	5	44560		1	4		19	0,4442		2251	10
2017	5	66170		1	4		19	0,5271		56917	300
2017	5	5266		1	4		19	1,134		46030	522
2017	5	20400		1	4		19	0,427		15224	65
2017	5	54498		1	4		19	0,6492		22182	144
2017	5	27001		2	4	20		1,6846		53722	905
2017	5	52356		1	4		20	1,014		14399	146
2017	5	52835		1	4		20	0,5726		21306	122
2017	5	97001		2	4	20			0,7752		
2017	5	23001		1	5	9		0,6758		168679	1140
2017	5	73001	7300104	1	5	10		0,3052		15401	47
2017	5	73001	7300105	1	5	10		0,5216		16295	85
2017	5	73001	7300106	1	5	10		0,4741		7171	34
2017	5	73001	7300107	1	5	10		0,721		13315	96
2017	5	73001	7300108	1	5	10		0,8633		11468	99
2017	5	73001	7300109	1	5	10		2,3309		28272	659
2017	5	73001	7300110	1	5	10		0,4669		28703	134
2017	5	73001	7300111	1	5	10		0,1812		4415	8
2017	5	73001	7300112	1	5	10		0,3979		7540	30
2017	5	73001	7300113	1	5	10		0,7957		3896	31
2017	5	13001	1300102	1	5	10		0,4611		53353	246
2017	5	13001	1300103	1	5	10		0,592		67066	397
2017	5	13001	1300101	1	5	10		0,4344		128234	557
2017	5	50001		1	5	10		0,4862		282813	1375
2017	5	20001		1	5	10		0,2317		95807	222
2017	5	41001		1	5	10		0,3567		139055	496
2017	5	70001		1	5	10		0,3634		73200	266
2017	5	81001		1	5	10		0,3175		19840	63
2017	5	52001		1	5	10		0,628		113210	711
2017	5	73001		1	5	10		0,7259		189550	1376
2017	5	13001		1	5	10		0,4826		248653	1200
2017	5	63001		1	5	10		0,4842		112766	546
2017	5	8001		1	5	10		0,465		281742	1310
2017	5	47001		1	5	10		0,7629		89395	682
2017	5	66001		1	5	10		0,4019		210274	845
2017	5	68001		1	5	10		0,6838		176651	1208
2017	5	76001		1	5	10		0,5607		531519	2980
2017	5	54001		1	5	10		0,6717		231637	1556
2017	5	76834		1	5	10		0,527		33395	176
2017	5	76109		1	5	10		0,4204		55895	235
2017	5	76147		1	5	10		0,2962		37479	111
2017	5	76520		1	5	10		0,5732		61410	352
2017	5	76892		1	5	10		0,4286		49466	212
2017	5	76130		1	5	10		0,6604		16354	108
2017	5	76364		1	5	10		0,654		23549	154
2017	5	76001	7600121	1	5	10		0,5096		3925	20



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76001	7600122	1	5	10		1,2182		26596	324
2017	5	54001	5400106	1	5	10		1,0099		25647	259
2017	5	54001	5400101	1	5	10		0,3753		58619	220
2017	5	54001	5400104	1	5	10		0,9432		13465	127
2017	5	54001	5400110	1	5	10		0,8659		8662	75
2017	5	54001	5400108	1	5	10		0,449		19376	87
2017	5	54001	5400105	1	5	10		0,5873		30477	179
2017	5	54001	5400103	1	5	10		1,2387		10818	134
2017	5	54001	5400107	1	5	10		0,5897		17806	105
2017	5	54001	5400109	1	5	10		0,6085		12818	78
2017	5	54001	5400102	1	5	10		0,7615		30727	234
2017	5	99001		2	5	10			1,4055		
2017	5	8001	800105	1	5	10		0,2987		39841	119
2017	5	8001	800103	1	5	10		0,5647		41612	235
2017	5	8001	800102	1	5	10		0,914		18381	168
2017	5	8001	800101	1	5	10		0,7441		32927	245
2017	5	8001	800104	1	5	10		0,351		146459	514
2017	5	68001	6800111	1	5	10		0,3689		4608	17
2017	5	68001	6800117	1	5	10		1,1336		2911	33
2017	5	68001	6800101	1	5	10		0,6364		6442	41
2017	5	68001	6800115	1	5	10		0,5103		16264	83
2017	5	68001	6800113	1	5	10		0,8202		33286	273
2017	5	68001	6800110	1	5	10		0,746		8445	63
2017	5	68001	6800104	1	5	10		0,5734		14824	85
2017	5	68001	6800107	1	5	10		0,4966		3423	17
2017	5	68001	6800106	1	5	10		0,9645		13478	130
2017	5	68001	6800105	1	5	10		1,0236		8988	92
2017	5	68001	6800103	1	5	10		0,5295		19829	105
2017	5	68001	6800108	1	5	10		0,2734		2560	7
2017	5	68001	6800116	1	5	10		1,145		5939	68
2017	5	68001	6800112	1	5	10		0,5096		33557	171
2017	5	76001	7600101	1	5	10		0,5208		5568	29
2017	5	76001	7600102	1	5	10		0,4205		84195	354
2017	5	76001	7600103	1	5	10		0,6184		61288	379
2017	5	76001	7600104	1	5	10		0,1427		23819	34
2017	5	76001	7600105	1	5	10		0,2505		22358	56
2017	5	76001	7600106	1	5	10		0,1593		12552	20
2017	5	76001	7600107	1	5	10		0,4684		8539	40
2017	5	76001	7600108	1	5	10		0,3591		25896	93
2017	5	76001	7600109	1	5	10		0,34		22942	78
2017	5	76001	7600110	1	5	10		0,4854		21015	102
2017	5	76001	7600111	1	5	10		0,6978		11608	81
2017	5	76001	7600112	1	5	10		0,1023		3910	4
2017	5	76001	7600113	1	5	10		0,6184		14716	91
2017	5	76001	7600114	1	5	10		0,6187		14709	91
2017	5	76001	7600115	1	5	10		0,7127		7016	50
2017	5	76001	7600116	1	5	10		0,6589		10775	71
2017	5	76001	7600117	1	5	10		0,5265		52801	278
2017	5	76001	7600118	1	5	10		1,2099		18101	219
2017	5	76001	7600119	1	5	10		0,5889		64014	377
2017	5	76001	7600120	1	5	10		0,5368		3353	18
2017	5	76111		1	5		10	0,4375		18287	80
2017	5	50001	5000101	1	5	10		0,4893		19211	94
2017	5	50001	5000102	1	5	10		0,3418		67589	231
2017	5	50001	5000103	1	5	10		0,1985		27201	54
2017	5	50001	5000104	1	5	10		0,484		23139	112
2017	5	50001	5000105	1	5	10		0,355		48734	173
2017	5	50001	5000106	1	5	10		0,1245		12851	16
2017	5	50001	5000107	1	5	10		0,8032		39218	315
2017	5	50001	5000108	1	5	10		0,3818		18070	69
2017	5	73001	7300101	1	5	10		0,1953		34300	67
2017	5	73001	7300102	1	5	10		0,3181		3458	11
2017	5	73001	7300103	1	5	10		0,354		11583	41
2017	5	5001	500102	1	5	11		1,6733		12849	215
2017	5	5001		1	5	11		1,0703		702522	7519
2017	5	5001	500110	1	5	11		1,0971		188863	2072
2017	5	5001	500108	1	5	11		1,647		13965	230
2017	5	5001	500106	1	5	11		1,411		12757	180
2017	5	5001	500111	1	5	11		1,0398		72902	758
2017	5	5001	500116	1	5	11		1,0742		56042	602
2017	5	5001	500101	1	5	11		1,6631		4209	70
2017	5	5001	500107	1	5	11		1,8046		29424	531
2017	5	5001	500104	1	5	11		1,6452		20484	337
2017	5	5001	500105	1	5	11		1,5487		33319	516
2017	5	5001	500115	1	5	11		0,6723		47299	318
2017	5	5001	500103	1	5	11		1,4786		8657	128
2017	5	5001	500114	1	5	11		0,5386		125137	674
2017	5	5001	500112	1	5	11		0,7211		23159	167
2017	5	5001	500113	1	5	11		1,4038		16526	232



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500109	1	5	11		1,1958		17144	205
2017	5	11001	1100107	1	5	12		0,7558		140908	1065
2017	5	11001	1100108	1	5	12		0,7286		3705445	26998
2017	5	11001	1100105	1	5	12		0,7687		65561	504
2017	5	11001	1100108	1	5	12		0,7899		361196	2853
2017	5	11001	1100101	1	5	12		0,8125		356303	2895
2017	5	11001	1100110	1	5	12		0,5969		305053	1821
2017	5	11001	1100109	1	5	12		0,7173		246491	1768
2017	5	11001	1100114	1	5	12		0,6167		166216	1025
2017	5	11001	1100103	1	5	12		0,5354		168105	900
2017	5	11001	1100102	1	5	12		0,6337		353489	2240
2017	5	11001	1100117	1	5	12		0,6501		76297	496
2017	5	11001	1100106	1	5	12		0,9403		70828	666
2017	5	11001	1100113	1	5	12		0,6018		242121	1457
2017	5	11001	1100118	1	5	12		0,6562		110645	726
2017	5	11001	1100116	1	5	12		0,493		227190	1120
2017	5	11001	1100104	1	5	12		1,2767		80050	1022
2017	5	11001	1100115	1	5	12		0,6798		65750	447
2017	5	11001	1100112	1	5	12		0,6931		166056	1151
2017	5	11001	1100119	1	5	12		0,934		113700	1062
2017	5	11001	1100111	1	5	12		0,9705		389486	3780
2017	5	86001		2	5	15		0,3784		21405	81
2017	5	91001		2	5	18			4,371		
2017	5	15572		1	5		18	0,8131		16973	138
2017	5	25799		1	5		18	1,833		6001	110
2017	5	50006		1	5		18	1,0539		42034	443
2017	5	25286		1	5		18	2,0924		35080	734
2017	5	25473		1	5		18	1,3248		41591	551
2017	5	85410		1	5		18	1,5601		10897	170
2017	5	25175		1	5		18	0,7575		68384	518
2017	5	50568		1	5		18	0,8701		12413	108
2017	5	25758		1	5		18	1,2923		14625	189
2017	5	25307		1	5		18	0,538		42750	230
2017	5	25377		1	5		18	0,7528		13417	101
2017	5	68081		1	5		18	0,4492		68570	308
2017	5	15238		1	5		18	0,4108		83981	345
2017	5	25430		1	5		18	1,3887		36509	507
2017	5	68679		1	5		18	0,4139		17877	74
2017	5	25214		1	5		18	1,1797		23651	279
2017	5	19001		1	5	18		0,5037		133411	672
2017	5	15001		1	5	18		0,4923		147484	726
2017	5	17001		1	5	18		0,5603		204170	1144
2017	5	18001		1	5	18		0,4635		97305	451
2017	5	85001		1	5	18		0,6894		134033	924
2017	5	68307		1	5		18	0,6975		25232	176
2017	5	15491		1	5		18	1,1939		5277	63
2017	5	25817		1	5		18	0,4828		14914	72
2017	5	68276		1	5		18	1,1106		52043	578
2017	5	25754		1	5		18	1,0308		142805	1472
2017	5	25290		1	5		18	1,0321		56005	578
2017	5	66170		1	5		18	0,5435		74331	404
2017	5	25126		1	5		18	1,2293		33433	411
2017	5	25899		1	5		18	1,1547		51530	595
2017	5	25269		1	5		18	0,6462		62212	402
2017	5	68547		1	5		18	0,8372		25680	215
2017	5	15759		1	5		18	0,43		84418	363
2017	5	94001		2	5	19			1,1955		
2017	5	73268		1	5		19	0,6418		24618	158
2017	5	5376		1	5		19	0,9677		15604	151
2017	5	44847		1	5		19	0,377		5836	22
2017	5	5088		1	5		19	2,0757		74818	1553
2017	5	5837		1	5		19	1,46		22876	334
2017	5	5615		1	5		19	0,4958		60309	299
2017	5	5129		1	5		19	0,9623		18081	174
2017	5	52356		1	5		19	0,8216		18744	154
2017	5	5308		1	5		19	0,7059		13316	94
2017	5	8573		1	5		19	0,4083		9552	39
2017	5	54874		1	5		19	1,3374		14132	189
2017	5	5360		1	5		19	1,1994		41856	502
2017	5	5045		1	5		19	0,7788		31075	242
2017	5	5631		1	5		19	0,9667		22240	215
2017	5	27001		2	5	19		1,2451		66422	827
2017	5	44001		1	5	19		0,4744		24243	115
2017	5	95001		2	5	19		0,3167		14209	45
2017	5	88001		2	5	19		0,8826		11104	98
2017	5	5380		1	5		19	1,3422		12219	164
2017	5	5607		1	5		19	0,292		7193	21
2017	5	44430		1	5		19	0,322		12423	40
2017	5	54405		1	5		19	0,4018		20160	81



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	17380		1	5		19	0,6554		24413	160
2017	5	5318		1	5		19	0,5754		13383	77
2017	5	20011		1	5		19	0,3937		17527	69
2017	5	44560		1	5		19	0,6977		2150	15
2017	5	5266		1	5		19	1,1081		48821	541
2017	5	20400		1	5		19	0,4313		13449	58
2017	5	54498		1	5		19	0,6167		23512	145
2017	5	52835		1	5		19	0,7029		23473	165
2017	5	73449		1	5		19	0,6737		22858	154
2017	5	41551		1	5		19	0,9535		42476	405
2017	5	8758		1	5		19	0,5768		46633	269
2017	5	5212		1	5		19	1,3351		14756	197
2017	5	97001		2	5	20			0,3328		
2017	5	54001	5400106	1	6	10		1,1718		27223	319
2017	5	5212		1	6		10	1,3665		15880	217
2017	5	54001	5400104	1	6	10		0,7756		14957	116
2017	5	54001	5400110	1	6	10		0,9264		9607	89
2017	5	54001	5400108	1	6	10		0,569		20914	119
2017	5	54001	5400105	1	6	10		0,5081		32081	163
2017	5	54001	5400103	1	6	10		1,0914		11362	124
2017	5	54001	5400107	1	6	10		0,5136		19470	100
2017	5	54001	5400109	1	6	10		0,5763		14229	82
2017	5	54001	5400102	1	6	10		0,7012		26813	188
2017	5	5376		1	6		10	0,6078		15137	92
2017	5	15572		1	6		10	0,9455		14173	134
2017	5	5088		1	6		10	1,5017		67456	1013
2017	5	5837		1	6		10	0,8488		23680	201
2017	5	25799		1	6		10	1,1447		6377	73
2017	5	5615		1	6		10	0,4529		63374	287
2017	5	5129		1	6		10	0,7799		16796	131
2017	5	25286		1	6		10	1,3642		34819	475
2017	5	25473		1	6		10	0,8997		38570	347
2017	5	5308		1	6		10	0,4464		14337	64
2017	5	8573		1	6		10	0,4283		13541	58
2017	5	25175		1	6		10	0,5668		61395	348
2017	5	5360		1	6		10	0,8109		59190	480
2017	5	25758		1	6		10	1,1113		15568	173
2017	5	25307		1	6		10	0,5307		40137	213
2017	5	25377		1	6		10	0,475		13054	62
2017	5	68081		1	6		10	0,3828		63216	242
2017	5	15238		1	6		10	0,2523		77285	195
2017	5	25430		1	6		10	1,2063		33242	401
2017	5	5045		1	6		10	0,7232		38026	275
2017	5	5631		1	6		10	1,0492		25544	268
2017	5	68679		1	6		10	0,3809		16279	62
2017	5	25214		1	6		10	1,2088		25066	303
2017	5	20001		1	6	10		0,208		86556	180
2017	5	41001		1	6	10		0,345		128107	442
2017	5	70001		1	6	10		0,2869		68654	197
2017	5	81001		1	6	10		0,2597		19637	51
2017	5	15001		1	6	10		0,4107		119807	492
2017	5	52001		1	6	10		0,7186		105477	758
2017	5	18001		1	6	10		0,3424		84406	289
2017	5	23001		1	6	10		0,7298		160036	1168
2017	5	85001		1	6	10		0,7531		112869	850
2017	5	86001		2	6	10		0,5682		18303	104
2017	5	54001		1	6	10		0,6852		232041	1590
2017	5	68307		1	6		10	0,4601		29556	136
2017	5	15491		1	6		10	0,5784		4841	28
2017	5	25817		1	6		10	0,4859		12553	61
2017	5	5380		1	6		10	1,1458		15012	172
2017	5	5607		1	6		10	0,4532		7723	35
2017	5	68276		1	6		10	0,8325		48529	404
2017	5	25754		1	6		10	0,8751		133135	1165
2017	5	5318		1	6		10	0,6178		13110	81
2017	5	25290		1	6		10	1,0437		53369	557
2017	5	66170		1	6		10	0,7435		62004	461
2017	5	25126		1	6		10	1,0465		31438	329
2017	5	5266		1	6		10	0,9896		60126	595
2017	5	25899		1	6		10	0,8268		46325	383
2017	5	25269		1	6		10	0,5429		49730	270
2017	5	68547		1	6		10	0,843		25860	218
2017	5	15759		1	6		10	0,4247		71810	305
2017	5	8758		1	6		10	0,4721		45543	215
2017	5	54001	5400101	1	6	10		0,3816		51629	197
2017	5	76001	7600121	1	6	11		0,5451		4403	24
2017	5	76001	7600122	1	6	11		1,2161		24752	301
2017	5	5001	500102	1	6	11		1,769		14302	253
2017	5	5001	500109	1	6	11		1,4586		20362	297



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500110	1	6	11		0,9109		155453	1416
2017	5	5001	500108	1	6	11		1,5873		14868	236
2017	5	5001	500106	1	6	11		1,7202		13836	238
2017	5	5001	500111	1	6	11		0,9198		65561	603
2017	5	8001	800105	1	6	11		0,2893		40093	116
2017	5	8001	800103	1	6	11		0,5039		41079	207
2017	5	8001	800102	1	6	11		0,4898		19803	97
2017	5	8001	800101	1	6	11		0,6132		32292	198
2017	5	8001	800104	1	6	11		0,3439		121561	418
2017	5	68001	6800111	1	6	11		0,3737		4282	16
2017	5	68001	6800117	1	6	11		1,165		3176	37
2017	5	68001	6800101	1	6	11		0,419		5967	25
2017	5	68001	6800115	1	6	11		0,5155		12608	65
2017	5	68001	6800113	1	6	11		0,5883		28388	167
2017	5	68001	6800110	1	6	11		0,7047		9933	70
2017	5	68001	6800104	1	6	11		0,4854		13802	67
2017	5	68001	6800107	1	6	11		0,4579		2839	13
2017	5	68001	6800106	1	6	11		0,7358		13047	96
2017	5	68001	6800105	1	6	11		1,2003		6998	84
2017	5	68001	6800103	1	6	11		0,4035		18834	76
2017	5	68001	6800108	1	6	11		0,8067		2851	23
2017	5	68001	6800116	1	6	11		0,9411		7544	71
2017	5	68001	6800112	1	6	11		0,6167		25945	160
2017	5	11001	1100107	1	6	11		0,8784		146976	1291
2017	5	11001	1100111	1	6	11		1,0251		402694	4128
2017	5	11001	1100105	1	6	11		0,8577		64822	556
2017	5	11001	1100108	1	6	11		1,0469		383885	4019
2017	5	11001	1100101	1	6	11		0,7353		298371	2194
2017	5	11001	1100110	1	6	11		0,6244		305273	1906
2017	5	11001	1100109	1	6	11		0,7573		202175	1531
2017	5	11001	1100114	1	6	11		0,3856		136157	525
2017	5	11001	1100103	1	6	11		0,5523		101575	561
2017	5	11001	1100102	1	6	11		0,3517		179394	631
2017	5	11001	1100117	1	6	11		0,6921		35110	243
2017	5	11001	1100106	1	6	11		0,838		70527	591
2017	5	11001	1100113	1	6	11		0,5183		154736	802
2017	5	11001	1100118	1	6	11		0,8114		109811	891
2017	5	11001	1100116	1	6	11		0,5099		188472	961
2017	5	11001	1100104	1	6	11		1,2914		79296	1024
2017	5	11001	1100115	1	6	11		0,6158		61711	380
2017	5	11001	1100112	1	6	11		0,3671		129114	474
2017	5	11001	1100119	1	6	11		0,9008		116784	1052
2017	5	76001	7600101	1	6	11		0,7518		6252	47
2017	5	76001	7600102	1	6	11		0,3163		61968	196
2017	5	76001	7600103	1	6	11		0,7452		42004	313
2017	5	76001	7600104	1	6	11		0,1311		21358	28
2017	5	76001	7600105	1	6	11		0,2105		23749	50
2017	5	76001	7600106	1	6	11		0,2865		14312	41
2017	5	76001	7600107	1	6	11		0,3621		9113	33
2017	5	76001	7600108	1	6	11		0,3571		26045	93
2017	5	76001	7600109	1	6	11		0,3678		23108	85
2017	5	76001	7600110	1	6	11		0,3588		22578	81
2017	5	76001	7600111	1	6	11		0,5663		12185	69
2017	5	76001	7600112	1	6	11		0,2986		4019	12
2017	5	76001	7600113	1	6	11		0,64		15001	96
2017	5	76001	7600114	1	6	11		0,6333		15632	99
2017	5	76001	7600115	1	6	11		0,7027		7685	54
2017	5	76001	7600116	1	6	11		0,7151		11187	80
2017	5	76001	7600117	1	6	11		0,6912		54544	377
2017	5	76001	7600118	1	6	11		2,7462		17843	490
2017	5	76001	7600119	1	6	11		0,5614		55220	310
2017	5	76001	7600120	1	6	11		0,5496		3639	20
2017	5	76111		1	6		11	0,3786	11	18223	69
2017	5	50001	5000101	1	6	11		0,5633		18462	104
2017	5	50001	5000102	1	6	11		0,3153		51703	163
2017	5	50001	5000103	1	6	11		0,2315		28945	67
2017	5	50001	5000104	1	6	11		0,4434		22778	101
2017	5	50001	5000105	1	6	11		0,4501		51323	231
2017	5	50001	5000106	1	6	11		0,1985		13101	26
2017	5	50001	5000107	1	6	11		0,8556		41142	352
2017	5	50001	5000108	1	6	11		0,6394		19393	124
2017	5	73001	7300101	1	6	11		0,2568		28815	74
2017	5	73001	7300102	1	6	11		0,2975		3697	11
2017	5	73001	7300103	1	6	11		0,2484		10870	27
2017	5	73001	7300104	1	6	11		0,3271		15897	52
2017	5	73001	7300105	1	6	11		0,4468		18128	81
2017	5	73001	7300106	1	6	11		0,3939		6601	26
2017	5	73001	7300107	1	6	11		0,8464		14532	123
2017	5	73001	7300108	1	6	11		0,9737		11811	115



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	73001	7300109	1	6	11		2,8685		27854	799
2017	5	73001	7300110	1	6	11		0,3163		23712	75
2017	5	73001	7300111	1	6	11		0,2225		4045	9
2017	5	73001	7300112	1	6	11		0,3577		7549	27
2017	5	73001	7300113	1	6	11		0,5708		3854	22
2017	5	13001	1300102	1	6	11		0,5385		52180	281
2017	5	13001	1300103	1	6	11		0,6896		64241	443
2017	5	13001	1300101	1	6	11		0,4594		108621	499
2017	5	5001	500116	1	6	11		0,9137		56799	519
2017	5	5001	500101	1	6	11		1,6847		4155	70
2017	5	5001	500107	1	6	11		1,8912		31038	587
2017	5	5001	500104	1	6	11		1,5797		20574	325
2017	5	5001	500105	1	6	11		1,6692		30972	517
2017	5	5001	500115	1	6	11		0,6399		35007	224
2017	5	5001	500103	1	6	11		1,5882		9193	146
2017	5	5001	500114	1	6	11		0,5505		88642	488
2017	5	5001	500112	1	6	11		0,8754		24102	211
2017	5	5001	500113	1	6	11		1,2764		19429	248
2017	5	50001		1	6	11		0,5381		271155	1459
2017	5	19001		1	6	11		0,3502		121353	425
2017	5	17001		1	6	11		0,4224		161444	682
2017	5	73001		1	6	11		0,8158		180552	1473
2017	5	13001		1	6	11		0,5435		225042	1223
2017	5	44001		1	6	11		0,3576		24891	89
2017	5	63001		1	6	11		0,631		102061	644
2017	5	5001		1	6	11		1,066		623825	6650
2017	5	8001		1	6	11		0,4062		257237	1045
2017	5	47001		1	6	11		0,5724		80362	460
2017	5	66001		1	6	11		0,3834		191708	735
2017	5	68001		1	6	11		0,6293		158275	996
2017	5	11001		1	6	11		0,7503		3166883	23760
2017	5	76001		1	6	11		0,6306		488551	3081
2017	5	76834		1	6		11	0,4863		31666	154
2017	5	76109		1	6		11	0,3968		53171	211
2017	5	76147		1	6		11	0,2887		33947	98
2017	5	76520		1	6		11	0,5746		55513	319
2017	5	76892		1	6		11	0,3273		37884	124
2017	5	76130		1	6		11	0,6668		14546	97
2017	5	76364		1	6		11	0,978		25868	253
2017	5	91001		2	6	18			4,0715		
2017	5	97001		2	6	19			0,3155		
2017	5	73268		1	6		19	0,417		26619	111
2017	5	94001		2	6		19		2,1368		
2017	5	41551		1	6		19	0,808		43068	348
2017	5	73449		1	6		19	0,5406		21827	118
2017	5	54498		1	6		19	0,8087		24112	195
2017	5	44847		1	6		19	0,3213		4979	16
2017	5	50006		1	6		19	0,9897		38091	377
2017	5	85410		1	6		19	1,534		8344	128
2017	5	54874		1	6		19	1,2749		15687	200
2017	5	50568		1	6		19	0,9547		11208	107
2017	5	27001		2	6	19		0,9728		75558	735
2017	5	95001		2	6	19		0,3384		13595	46
2017	5	44430		1	6		19	0,3115		10915	34
2017	5	54405		1	6		19	0,3679		22018	81
2017	5	17380		1	6		19	0,8806		23167	204
2017	5	20011		1	6		19	0,3173		18279	58
2017	5	44560		1	6		19	0,8073		1858	15
2017	5	20400		1	6		19	0,3728		13145	49
2017	5	52356		1	6		20	0,6375		15529	99
2017	5	88001		2	6	20		0,4282		8173	35
2017	5	52835		1	6		20	0,5862		24393	143
2017	5	99001		2	6	20			1,9632		
2017	5	54001	5400106	1	7	11		1,0841		21861	237
2017	5	54001	5400101	1	7	11		0,3105		22219	69
2017	5	54001	5400104	1	7	11		0,5797		11386	66
2017	5	54001	5400110	1	7	11		0,5738		7494	43
2017	5	54001	5400108	1	7	11		0,5091		22194	113
2017	5	54001		1	7	11		0,7193		158617	1141
2017	5	54001	5400103	1	7	11		0,9697		9797	95
2017	5	54001	5400107	1	7	11		0,7533		18585	140
2017	5	54001	5400109	1	7	11		0,7919		12754	101
2017	5	54001	5400102	1	7	11		0,8216		12293	101
2017	5	54001	5400105	1	7	11		0,6772		17869	121
2017	5	81001		1	7	18		0,4404		14532	64
2017	5	97001		2	7	19			0,2004		
2017	5	94001		2	7	19			2,4545		
2017	5	8001	800105	1	7	19		0,3173		18281	58
2017	5	8001	800103	1	7	19		1,0204		22737	232





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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	8001	800102	1	7	19		0,7456		17034	127
2017	5	8001	800101	1	7	19		0,9324		27455	256
2017	5	8001	800104	1	7	19		0,4712		35231	166
2017	5	11001	1100107	1	7	19		1,2337		147035	1814
2017	5	11001	1100111	1	7	19		1,0591		269579	2855
2017	5	11001	1100105	1	7	19		1,0997		73838	812
2017	5	11001	1100108	1	7	19		1,1555		264300	3054
2017	5	11001	1100101	1	7	19		1,0178		148452	1511
2017	5	11001	1100110	1	7	19		0,818		195716	1601
2017	5	11001	1100109	1	7	19		0,8455		109407	925
2017	5	11001	1100114	1	7	19		0,4179		31829	133
2017	5	11001	1100103	1	7	19		0,9486		25406	241
2017	5	11001	1100102	1	7	19		0,3708		56631	210
2017	5	11001	1100117	1	7	19		1,7803		6628	118
2017	5	11001	1100106	1	7	19		1,0784		53041	572
2017	5	11001	1100113	1	7	19		0,3989		62930	251
2017	5	11001	1100118	1	7	19		1,2387		85576	1060
2017	5	11001	1100116	1	7	19		0,6187		79840	494
2017	5	11001	1100104	1	7	19		1,3395		73759	988
2017	5	11001	1100115	1	7	19		0,7315		26657	195
2017	5	11001	1100112	1	7	19		0,3482		40208	140
2017	5	11001	1100119	1	7	19		1,2472		116016	1447
2017	5	5376		1	7	19		0,806		11663	94
2017	5	44847		1	7	19		0,247		4453	11
2017	5	15572		1	7	19		0,8504		12583	107
2017	5	5088		1	7	19		1,8074		60860	1100
2017	5	5837		1	7	19		0,8907		23689	211
2017	5	25799		1	7	19		1,5161		3298	50
2017	5	5615		1	7	19		0,4708		40783	192
2017	5	5129		1	7	19		0,7767		14291	111
2017	5	50006		1	7	19		0,9739		26183	255
2017	5	25286		1	7	19		1,9159		20252	388
2017	5	25473		1	7	19		1,1029		27019	298
2017	5	5308		1	7	19		0,7646		9809	75
2017	5	8573		1	7	19		0,413		6296	26
2017	5	85410		1	7	19		1,1472		5666	65
2017	5	25175		1	7	19		0,6974		37136	259
2017	5	54874		1	7	19		1,3221		11346	150
2017	5	50568		1	7	19		0,6937		9803	68
2017	5	5360		1	7	19		1,074		27374	294
2017	5	25758		1	7	19		1,239		8959	111
2017	5	25307		1	7	19		0,7617		25863	197
2017	5	25377		1	7	19		0,6206		9507	59
2017	5	68081		1	7	19		0,5217		42935	224
2017	5	15238		1	7	19		0,4892		48042	235
2017	5	25430		1	7	19		1,3869		25236	350
2017	5	76111		1	7	19		0,5054		10487	53
2017	5	5045		1	7	19		0,6952		29630	206
2017	5	5631		1	7	19		0,8779		13897	122
2017	5	68679		1	7	19		0,5053		8906	45
2017	5	25214		1	7	19		1,3568		9655	131
2017	5	50001	5000101	1	7	19		0,6464		10675	69
2017	5	50001	5000102	1	7	19		0,4319		13196	57
2017	5	50001	5000103	1	7	19		0,4694		9374	44
2017	5	50001	5000104	1	7	19		0,6104		20480	125
2017	5	50001	5000105	1	7	19		0,5107		37396	191
2017	5	50001	5000106	1	7	19		0,3253		5226	17
2017	5	50001	5000107	1	7	19		0,9651		27769	268
2017	5	50001	5000108	1	7	19		0,5977		15728	94
2017	5	13001	1300102	1	7	19		0,5542		40783	226
2017	5	13001	1300103	1	7	19		0,7312		46361	339
2017	5	13001	1300101	1	7	19		0,5451		58526	319
2017	5	50001		1	7	19		0,7065		162071	1145
2017	5	20001		1	7	19		0,2696		52298	141
2017	5	70001		1	7	19		0,341		44865	153
2017	5	15001		1	7	19		0,4939		73090	361
2017	5	13001		1	7	19		0,6069		145670	884
2017	5	23001		1	7	19		1,0718		116817	1252
2017	5	44001		1	7	19		0,5697		17377	99
2017	5	85001		1	7	19		0,9466		69618	659
2017	5	8001		1	7	19		0,6953		122833	854
2017	5	47001		1	7	19		0,8391		52198	438
2017	5	11001		1	7	19		0,9867		1866848	18421
2017	5	68307		1	7	19		0,8581		16781	144
2017	5	15491		1	7	19		0,8403		3808	32
2017	5	25817		1	7	19		0,5304		8861	47
2017	5	5380		1	7	19		1,1717		8449	99
2017	5	5607		1	7	19		0,4708		5523	26
2017	5	44430		1	7	19		0,4121		9950	41



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68276		1	7		19	1,0432		37000	386
2017	5	54405		1	7		19	0,39		16410	64
2017	5	25754		1	7		19	1,191		120400	1434
2017	5	17380		1	7		19	0,7679		18101	139
2017	5	5318		1	7		19	0,6102		11472	70
2017	5	25290		1	7		19	1,5692		38173	599
2017	5	20011		1	7		19	0,2556		15257	39
2017	5	44560		1	7		19	0,6853		1897	13
2017	5	66170		1	7		19	0,4652		45999	214
2017	5	25126		1	7		19	1,1765		19124	225
2017	5	5266		1	7		19	1,1052		31941	353
2017	5	25899		1	7		19	1,1551		33243	384
2017	5	20400		1	7		19	0,3518		11371	40
2017	5	54498		1	7		19	0,7053		19565	138
2017	5	25269		1	7		19	0,8531		41848	357
2017	5	76834		1	7		19	0,5381		22301	120
2017	5	76109		1	7		19	0,5385		36210	195
2017	5	73449		1	7		19	0,7563		17718	134
2017	5	68547		1	7		19	1,0207		19889	203
2017	5	15759		1	7		19	0,7124		43514	310
2017	5	76147		1	7		19	0,3385		24519	83
2017	5	8758		1	7		19	0,6738		39181	264
2017	5	76520		1	7		19	0,7806		34844	272
2017	5	76892		1	7		19	0,6992		17734	124
2017	5	5212		1	7		19	1,3187		11223	148
2017	5	76130		1	7		19	0,8774		13449	118
2017	5	76364		1	7		19	0,6464		18874	122
2017	5	73268		1	7		19	0,503		19483	98
2017	5	5001	500103	1	7	20		1,2621		11251	142
2017	5	5001	500114	1	7	20		0,7093		28337	201
2017	5	5001	500112	1	7	20		1,5921		12499	199
2017	5	5001	500113	1	7	20		1,7581		18372	323
2017	5	19001		1	7	20		0,4721		79428	375
2017	5	27001		2	7	20		1,0744		58821	632
2017	5	41001		1	7	20		0,4725		76409	361
2017	5	17001		1	7	20		0,6334		86990	551
2017	5	52001		1	7	20		0,8097		57679	467
2017	5	73001		1	7	20		0,9853		104637	1031
2017	5	18001		1	7	20		0,5844		59202	346
2017	5	63001		1	7	20		0,8445		55539	469
2017	5	95001		2	7	20		0,3971		10828	43
2017	5	86001		2	7	20		0,5657		12727	72
2017	5	5001		1	7	20		1,6343		319714	5225
2017	5	66001		1	7	20		0,5089		101588	517
2017	5	68001		1	7	20		0,902		65522	591
2017	5	88001		2	7	20		0,4671		6423	30
2017	5	76001		1	7	20		0,6799		253995	1727
2017	5	52835		1	7		20	0,7856		21385	168
2017	5	41551		1	7		20	0,9646		31100	300
2017	5	76001	7600121	1	7	20		0,533		4878	26
2017	5	76001	7600122	1	7	20		0,6758		7103	48
2017	5	91001		2	7	20			5,1724		
2017	5	99001		2	7	20			1,7903		
2017	5	5001	500102	1	7	20		1,7903		16701	299
2017	5	5001	500109	1	7	20		2,1876		17051	373
2017	5	5001	500110	1	7	20		1,5387		26971	415
2017	5	5001	500108	1	7	20		1,9521		14497	283
2017	5	5001	500106	1	7	20		1,7421		15728	274
2017	5	5001	500111	1	7	20		2,0289		23855	484
2017	5	68001	6800111	1	7	20		0,8214		2435	20
2017	5	68001	6800117	1	7	20		0,8932		2799	25
2017	5	68001	6800101	1	7	20		0,7308		5610	41
2017	5	68001	6800115	1	7	20		0,6686		1047	7
2017	5	68001	6800113	1	7	20		0,5853		10252	60
2017	5	68001	6800110	1	7	20		1,2424		6600	82
2017	5	68001	6800104	1	7	20		2,0237		2866	58
2017	5	68001	6800107	1	7	20		1,0772		1671	18
2017	5	68001	6800106	1	7	20		0,6217		4504	28
2017	5	68001	6800105	1	7	20		1,8881		4396	83
2017	5	68001	6800103	1	7	20		0,3691		8669	32
2017	5	68001	6800108	1	7	20		1,2287		2116	26
2017	5	68001	6800116	1	7	20		0,9504		4419	42
2017	5	68001	6800112	1	7	20		0,7062		6655	47
2017	5	76001	7600101	1	7	20		1,2704		5510	70
2017	5	76001	7600102	1	7	20		0,4291		22608	97
2017	5	76001	7600103	1	7	20		0,8622		6611	57
2017	5	76001	7600104	1	7	20		0,1865		7506	14
2017	5	76001	7600105	1	7	20		0,3289		15505	51
2017	5	76001	7600106	1	7	20		0,4033		11158	45



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76001	7600107	1	7	20		0,6372		6434	41
2017	5	76001	7600108	1	7	20		0,5018		13751	69
2017	5	76001	7600109	1	7	20		0,4315		5562	24
2017	5	76001	7600110	1	7	20		0,4889		11660	57
2017	5	76001	7600111	1	7	20		0,6801		9411	64
2017	5	76001	7600112	1	7	20		0,6879		3489	24
2017	5	76001	7600113	1	7	20		0,6398		14379	92
2017	5	76001	7600114	1	7	20		0,7583		16485	125
2017	5	76001	7600115	1	7	20		0,6762		8281	56
2017	5	76001	7600116	1	7	20		0,7474		9634	72
2017	5	76001	7600117	1	7	20		0,5988		28056	168
2017	5	76001	7600118	1	7	20		1,44		14792	213
2017	5	76001	7600119	1	7	20		1,0102		20195	204
2017	5	76001	7600120	1	7	20		0,5418		3507	19
2017	5	52356		1	7		20	1,212		12046	146
2017	5	73001	7300101	1	7	20		0,3908		9211	36
2017	5	73001	7300102	1	7	20		0,541		2403	13
2017	5	73001	7300103	1	7	20		0,9544		3248	31
2017	5	73001	7300104	1	7	20		0,2492		8829	22
2017	5	73001	7300105	1	7	20		0,4304		10921	47
2017	5	73001	7300106	1	7	20		0,9507		5680	54
2017	5	73001	7300107	1	7	20		1,1334		12088	137
2017	5	73001	7300108	1	7	20		1,1648		10216	119
2017	5	73001	7300109	1	7	20		3,0893		15149	468
2017	5	73001	7300110	1	7	20		0,2217		9925	22
2017	5	73001	7300111	1	7	20		0,3676		4352	16
2017	5	73001	7300112	1	7	20		0,3638		6597	24
2017	5	73001	7300113	1	7	20		0,5299		3963	21
2017	5	5001	500116	1	7	20		1,1423		31515	360
2017	5	5001	500101	1	7	20		1,4377		5147	74
2017	5	5001	500107	1	7	20		2,352		27126	638
2017	5	5001	500104	1	7	20		1,8184		16003	291
2017	5	5001	500105	1	7	20		2,1176		22431	475
2017	5	5001	500115	1	7	20		0,8688		12776	111
2017	5	73001	7300108	1	8	10		0,8797		11709	103
2017	5	73001	7300109	1	8	10		1,9047		28614	545
2017	5	73001	7300110	1	8	10		0,3498		29163	102
2017	5	73001	7300111	1	8	10		0,2545		4322	11
2017	5	73001	7300112	1	8	10		0,4542		7706	35
2017	5	73001	7300113	1	8	10		0,9079		3965	36
2017	5	13001	1300102	1	8	10		0,4867		52397	255
2017	5	13001	1300103	1	8	10		0,69		68410	472
2017	5	13001	1300101	1	8	10		0,4097		121794	499
2017	5	50001		1	8	10		0,5697		288039	1641
2017	5	20001		1	8	10		0,3744		92937	348
2017	5	41001		1	8	10		0,34		136194	463
2017	5	70001		1	8	10		0,3211		73175	235
2017	5	17001		1	8	10		0,3964		173803	689
2017	5	52001		1	8	10		0,6946		117770	818
2017	5	73001		1	8	10		0,6399		193302	1237
2017	5	13001		1	8	10		0,5054		242601	1226
2017	5	23001		1	8	10		1,0245		167978	1721
2017	5	63001		1	8	10		0,5659		114517	648
2017	5	85001		1	8	10		0,5096		124996	637
2017	5	8001		1	8	10		0,552		278283	1536
2017	5	66001		1	8	10		0,4063		207703	844
2017	5	68001		1	8	10		0,6066		176899	1073
2017	5	11001		1	8	10		0,6912		3443056	23797
2017	5	54001		1	8	10		0,5862		239000	1401
2017	5	76834		1	8		10	0,4153		32269	134
2017	5	76109		1	8		10	0,3534		52059	184
2017	5	76147		1	8		10	0,3148		37161	117
2017	5	76520		1	8		10	0,5732		60015	344
2017	5	76892		1	8		10	0,3952		49336	195
2017	5	76130		1	8		10	0,628		16561	104
2017	5	76364		1	8		10	0,6077		23530	143
2017	5	54001	5400106	1	8	10		0,766		24674	189
2017	5	54001	5400101	1	8	10		0,4175		60592	253
2017	5	54001	5400104	1	8	10		0,8158		13483	110
2017	5	54001	5400110	1	8	10		1,0398		9136	95
2017	5	54001	5400108	1	8	10		0,4561		21265	97
2017	5	54001	5400105	1	8	10		0,4218		31054	131
2017	5	54001	5400103	1	8	10		1,1286		11076	125
2017	5	54001	5400107	1	8	10		0,4977		19289	96
2017	5	54001	5400109	1	8	10		0,6168		14754	91
2017	5	54001	5400102	1	8	10		0,5124		30444	156
2017	5	8001	800105	1	8	10		0,3487		38140	133
2017	5	8001	800103	1	8	10		0,6614		42488	281
2017	5	8001	800102	1	8	10		0,8108		17636	143



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	8001	800101	1	8	10		0,9766		33894	331
2017	5	8001	800104	1	8	10		0,4379		143396	628
2017	5	68001	6800111	1	8	10		0,4894		4495	22
2017	5	68001	6800117	1	8	10		1,0016		3095	31
2017	5	68001	6800101	1	8	10		0,6795		6034	41
2017	5	68001	6800115	1	8	10		0,5549		16941	94
2017	5	68001	6800113	1	8	10		0,6836		32329	221
2017	5	68001	6800110	1	8	10		0,7756		9025	70
2017	5	68001	6800104	1	8	10		0,4442		15533	69
2017	5	68001	6800107	1	8	10		0,4533		3530	16
2017	5	68001	6800106	1	8	10		0,6011		13476	81
2017	5	68001	6800105	1	8	10		1,0582		7938	84
2017	5	68001	6800103	1	8	10		0,5415		20130	109
2017	5	68001	6800108	1	8	10		0,8999		2667	24
2017	5	68001	6800116	1	8	10		0,8059		6204	50
2017	5	68001	6800112	1	8	10		0,4271		33483	143
2017	5	11001	1100107	1	8	10		1,1636		137420	1599
2017	5	11001	1100111	1	8	10		0,8922		377935	3372
2017	5	11001	1100105	1	8	10		0,8496		62263	529
2017	5	11001	1100108	1	8	10		0,7534		356762	2688
2017	5	11001	1100101	1	8	10		0,7173		331371	2377
2017	5	11001	1100110	1	8	10		0,5783		294133	1701
2017	5	11001	1100109	1	8	10		0,6284		241584	1518
2017	5	11001	1100114	1	8	10		0,6269		141969	890
2017	5	11001	1100103	1	8	10		0,5677		141272	802
2017	5	11001	1100102	1	8	10		0,3995		311133	1243
2017	5	11001	1100117	1	8	10		0,6825		57142	390
2017	5	11001	1100106	1	8	10		0,8108		67707	549
2017	5	11001	1100113	1	8	10		0,5278		200822	1060
2017	5	11001	1100118	1	8	10		0,7777		105691	822
2017	5	11001	1100116	1	8	10		0,4397		214257	942
2017	5	11001	1100104	1	8	10		1,2739		77874	992
2017	5	11001	1100115	1	8	10		0,6705		60257	404
2017	5	11001	1100112	1	8	10		0,5585		151663	847
2017	5	11001	1100119	1	8	10		0,9588		111801	1072
2017	5	76111		1	8		10	0,3935		18043	71
2017	5	50001	5000101	1	8	10		0,4461		19504	87
2017	5	50001	5000102	1	8	10		0,4644		71926	334
2017	5	50001	5000103	1	8	10		0,1461		28054	41
2017	5	50001	5000104	1	8	10		0,274		23356	64
2017	5	50001	5000105	1	8	10		0,3947		48897	193
2017	5	50001	5000106	1	8	10		0,1775		12955	23
2017	5	50001	5000107	1	8	10		1,2995		38477	500
2017	5	50001	5000108	1	8	10		0,4822		17626	85
2017	5	73001	7300101	1	8	10		0,2013		38242	77
2017	5	73001	7300102	1	8	10		0,4009		3243	13
2017	5	73001	7300103	1	8	10		0,315		10794	34
2017	5	73001	7300104	1	8	10		0,2794		15389	43
2017	5	73001	7300105	1	8	10		0,3531		16142	57
2017	5	73001	7300106	1	8	10		0,414		7005	29
2017	5	73001	7300107	1	8	10		0,876		13699	120
2017	5	76001	7600121	1	8	11		0,3182		4085	13
2017	5	76001		1	8	11		0,5886		523482	3081
2017	5	5001	500102	1	8	11		1,9054		14590	278
2017	5	5001	500109	1	8	11		1,3119		18371	241
2017	5	5001	500110	1	8	11		1,0546		181585	1915
2017	5	5001	500108	1	8	11		1,6201		14567	236
2017	5	5001	500106	1	8	11		1,6074		13189	212
2017	5	5001	500111	1	8	11		0,8838		69815	617
2017	5	76001	7600101	1	8	11		0,681		5727	39
2017	5	76001	7600102	1	8	11		0,3823		84499	323
2017	5	76001	7600103	1	8	11		1,0999		62914	692
2017	5	76001	7600104	1	8	11		0,1178		23777	28
2017	5	76001	7600105	1	8	11		0,2816		22726	64
2017	5	76001	7600106	1	8	11		0,3254		12601	41
2017	5	76001	7600107	1	8	11		0,4202		8329	35
2017	5	76001	7600108	1	8	11		0,3166		25587	81
2017	5	76001	7600109	1	8	11		0,4245		23086	98
2017	5	76001	7600110	1	8	11		0,571		20666	118
2017	5	76001	7600111	1	8	11		0,5051		11482	58
2017	5	76001	7600112	1	8	11		0,2057		3889	8
2017	5	76001	7600113	1	8	11		0,7501		14398	108
2017	5	76001	7600114	1	8	11		0,5726		14845	85
2017	5	76001	7600115	1	8	11		0,5959		7552	45
2017	5	76001	7600116	1	8	11		0,4878		10866	53
2017	5	76001	7600117	1	8	11		0,4797		50235	241
2017	5	76001	7600118	1	8	11		1,0064		16693	168
2017	5	76001	7600119	1	8	11		0,7043		61767	435
2017	5	76001	7600120	1	8	11		0,4534		3529	16



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500116	1	8		11	0,93		55591	517
2017	5	5001	500101	1	8		11	1,6725		4544	76
2017	5	5001	500107	1	8		11	1,8904		31263	591
2017	5	5001	500104	1	8		11	1,4977		20832	312
2017	5	5001	500105	1	8		11	1,4969		34537	517
2017	5	5001	500115	1	8		11	0,6467		47630	308
2017	5	5001	500103	1	8		11	1,5251		9180	140
2017	5	5001	500114	1	8		11	0,5343		121839	651
2017	5	5001	500112	1	8		11	0,7965		22850	182
2017	5	5001	500113	1	8		11	1,1558		18083	209
2017	5	5001		1	8		11	1,0386		698231	7252
2017	5	47001		1	8		11	0,3931		85482	336
2017	5	76001	7600122	1	8		11	0,8716		22947	200
2017	5	86001		2	8		16	0,3647		23310	85
2017	5	91001		2	8		18		4,6915		
2017	5	15572		1	8		18	0,5908		16589	98
2017	5	25799		1	8		18	1,4528		5782	84
2017	5	25286		1	8		18	1,8959		32861	623
2017	5	25473		1	8		18	1,3104		38614	506
2017	5	25175		1	8		18	0,6711		61836	415
2017	5	25758		1	8		18	1,4127		13733	194
2017	5	25307		1	8		18	0,5565		39712	221
2017	5	25377		1	8		18	0,6712		12961	87
2017	5	68081		1	8		18	0,4581		64185	294
2017	5	15238		1	8		18	0,3761		79243	298
2017	5	25430		1	8		18	1,4035		33560	471
2017	5	68679		1	8		18	1,4182		18051	256
2017	5	25214		1	8		18	1,1885		20277	241
2017	5	19001		1	8		18	0,4159		130315	542
2017	5	81001		1	8		18	0,3256		20269	66
2017	5	15001		1	8		18	0,6406		139094	891
2017	5	18001		1	8		18	0,4298		94694	407
2017	5	95001		2	8		18	0,2807		18523	52
2017	5	68307		1	8		18	0,5438		26480	144
2017	5	15491		1	8		18	0,845		4734	40
2017	5	25817		1	8		18	0,5855		13492	79
2017	5	68276		1	8		18	1,1077		51640	572
2017	5	25754		1	8		18	1,422		141067	2006
2017	5	25290		1	8		18	1,1592		54950	637
2017	5	25126		1	8		18	1,3395		30982	415
2017	5	25899		1	8		18	1,1864		49226	584
2017	5	25269		1	8		18	0,6531		56657	370
2017	5	68547		1	8		18	1,6591		25496	423
2017	5	15759		1	8		18	0,4877		78334	382
2017	5	27001		2	8		19	1,1546		68943	796
2017	5	5212		1	8		19	1,5835		13641	216
2017	5	8758		1	8		19	0,6139		44141	271
2017	5	41551		1	8		19	0,8774		42172	370
2017	5	94001		2	8		19		2,1239		
2017	5	5376		1	8		19	0,9758		13937	136
2017	5	44847		1	8		19	0,1524		5250	8
2017	5	5088		1	8		19	2,0408		68503	1398
2017	5	5837		1	8		19	1,0179		22891	233
2017	5	5615		1	8		19	0,5575		52916	295
2017	5	5129		1	8		19	1,0284		17016	175
2017	5	50006		1	8		19	0,9975		36192	361
2017	5	5308		1	8		19	0,8632		11585	100
2017	5	8573		1	8		19	0,7075		8905	63
2017	5	85410		1	8		19	1,6175		8408	136
2017	5	54874		1	8		19	0,9966		13947	139
2017	5	50568		1	8		19	0,6363		12416	79
2017	5	5360		1	8		19	1,3579		38516	523
2017	5	5045		1	8		19	0,8143		32544	265
2017	5	5631		1	8		19	1,0772		19960	215
2017	5	73268		1	8		19	0,5286		22700	120
2017	5	44001		1	8		19	0,6954		22720	158
2017	5	88001		2	8		19	0,464		8406	39
2017	5	5380		1	8		19	1,4055		11526	162
2017	5	5607		1	8		19	0,2214		6324	14
2017	5	44430		1	8		19	0,2695		11876	32
2017	5	54405		1	8		19	0,4961		19956	99
2017	5	17380		1	8		19	0,9819		22609	222
2017	5	5318		1	8		19	0,7377		11793	87
2017	5	20011		1	8		19	1,65		18000	297
2017	5	44560		1	8		19	0,6916		2458	17
2017	5	66170		1	8		19	0,604		55794	337
2017	5	5266		1	8		19	1,2524		43914	550
2017	5	20400		1	8		19	0,5495		14195	78
2017	5	54498		1	8		19	0,6423		22887	147



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	73449		1	8		19	0,7735		18875	146
2017	5	52835		1	8		20	0,6388		20039	128
2017	5	52356		1	8		20	0,9678		13949	135
2017	5	99001		2	8	20			3,5267		
2017	5	97001		2	8	20			0,5386		
2017	5	47001		1	9	10		0,4292		84578	363
2017	5	66001		1	9	10		0,4208		207724	874
2017	5	68001		1	9	10		0,6227		171352	1067
2017	5	54001		1	9	10		0,6062		229475	1391
2017	5	76834		1	9		10	0,5304		30734	163
2017	5	76109		1	9		10	0,4734		54710	259
2017	5	76147		1	9		10	0,3973		35240	140
2017	5	76520		1	9		10	0,5765		58461	337
2017	5	76892		1	9		10	0,3748		48827	183
2017	5	76130		1	9		10	0,7889		15464	122
2017	5	76364		1	9		10	0,6561		23168	152
2017	5	54001	5400106	1	9	10		0,8133		24223	197
2017	5	54001	5400101	1	9	10		0,3827		58013	222
2017	5	54001	5400104	1	9	10		0,9809		12743	125
2017	5	54001	5400110	1	9	10		0,8984		9684	87
2017	5	54001	5400108	1	9	10		0,5048		19613	99
2017	5	54001	5400105	1	9	10		0,4863		30226	147
2017	5	54001	5400103	1	9	10		1,0256		10920	112
2017	5	54001	5400107	1	9	10		0,4372		17839	78
2017	5	54001	5400109	1	9	10		0,6771		13145	89
2017	5	54001	5400102	1	9	10		0,6313		30254	191
2017	5	99001		2	9	10			1,2804		
2017	5	8001	800105	1	9	10		0,3706		38049	141
2017	5	8001	800103	1	9	10		0,5369		41906	225
2017	5	8001	800102	1	9	10		0,5146		17683	91
2017	5	8001	800101	1	9	10		0,7448		33162	247
2017	5	8001	800104	1	9	10		0,3705		143308	531
2017	5	68001	6800111	1	9	10		0,3849		4417	17
2017	5	68001	6800117	1	9	10		0,8611		2787	24
2017	5	68001	6800101	1	9	10		0,6358		6134	39
2017	5	68001	6800115	1	9	10		0,6285		16706	105
2017	5	68001	6800113	1	9	10		0,6021		32389	195
2017	5	68001	6800110	1	9	10		0,8059		8066	65
2017	5	68001	6800104	1	9	10		0,5508		14525	80
2017	5	68001	6800107	1	9	10		0,6536		3060	20
2017	5	68001	6800106	1	9	10		0,5123		13274	68
2017	5	68001	6800105	1	9	10		1,0651		7699	82
2017	5	68001	6800103	1	9	10		0,5091		19251	98
2017	5	68001	6800108	1	9	10		0,3931		2544	10
2017	5	68001	6800116	1	9	10		1,1698		5984	70
2017	5	68001	6800112	1	9	10		0,5374		32376	174
2017	5	76111		1	9		10	0,3128		17901	56
2017	5	50001	5000101	1	9	10		0,4874		19287	94
2017	5	50001	5000102	1	9	10		0,3073		67686	208
2017	5	50001	5000103	1	9	10		0,1985		26199	52
2017	5	50001	5000104	1	9	10		0,3969		22425	89
2017	5	50001	5000105	1	9	10		0,3253		47649	155
2017	5	50001	5000106	1	9	10		0,178		12361	22
2017	5	50001	5000107	1	9	10		0,7729		38038	294
2017	5	50001	5000108	1	9	10		0,4502		17771	80
2017	5	73001	7300101	1	9	10		0,2224		34619	77
2017	5	73001	7300102	1	9	10		0,3861		3108	12
2017	5	73001	7300103	1	9	10		0,5388		11321	61
2017	5	73001	7300104	1	9	10		0,3351		14624	49
2017	5	73001	7300105	1	9	10		0,5242		15262	80
2017	5	73001	7300106	1	9	10		0,4173		6710	28
2017	5	73001	7300107	1	9	10		0,6937		13406	93
2017	5	73001	7300108	1	9	10		0,7612		11429	87
2017	5	73001	7300109	1	9	10		2,3911		26640	637
2017	5	73001	7300110	1	9	10		0,2924		27019	79
2017	5	73001	7300111	1	9	10		0,2361		4236	10
2017	5	73001	7300112	1	9	10		0,2643		7568	20
2017	5	73001	7300113	1	9	10		0,523		4398	23
2017	5	13001	1300102	1	9	10		0,9758		50932	497
2017	5	13001	1300103	1	9	10		0,6753		65012	439
2017	5	13001	1300101	1	9	10		0,4713		120294	567
2017	5	50001		1	9	10		0,4646		277674	1290
2017	5	20001		1	9	10		0,2525		92289	233
2017	5	41001		1	9	10		0,2981		132857	396
2017	5	70001		1	9	10		0,3627		71413	259
2017	5	17001		1	9	10		0,4024		170718	687
2017	5	73001		1	9	10		0,7001		183979	1288
2017	5	13001		1	9	10		0,6362		236238	1503
2017	5	23001		1	9	10		0,5299		157200	833



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	8001		1	9		10	0,4548		276392	1257
2017	5	76001	7600121	1	9		11	0,2715		4052	11
2017	5	76001		1	9		11	0,5046		525576	2652
2017	5	5001	500102	1	9		11	1,8488		13847	256
2017	5	5001	500109	1	9		11	1,3806		17746	245
2017	5	5001	500110	1	9		11	1,0535		181487	1912
2017	5	5001	500108	1	9		11	1,8054		14346	259
2017	5	5001	500106	1	9		11	1,5227		13069	199
2017	5	5001	500111	1	9		11	0,9602		67590	649
2017	5	11001	1100107	1	9		11	0,8832		127944	1130
2017	5	11001	1100111	1	9		11	0,9397		364780	3428
2017	5	11001	1100105	1	9		11	0,8109		57344	465
2017	5	11001	1100108	1	9		11	0,8518		340234	2898
2017	5	11001	1100101	1	9		11	0,7226		333396	2409
2017	5	11001	1100110	1	9		11	0,6224		282621	1759
2017	5	11001	1100109	1	9		11	0,7769		228458	1775
2017	5	11001	1100114	1	9		11	0,5019		151035	758
2017	5	11001	1100103	1	9		11	0,5143		148752	765
2017	5	11001	1100102	1	9		11	0,4158		315051	1310
2017	5	11001	1100117	1	9		11	0,7877		68808	542
2017	5	11001	1100106	1	9		11	0,8585		63947	549
2017	5	11001	1100113	1	9		11	0,6863		216088	1483
2017	5	11001	1100118	1	9		11	0,7163		97868	701
2017	5	11001	1100116	1	9		11	0,4676		211272	988
2017	5	11001	1100104	1	9		11	1,3266		72291	959
2017	5	11001	1100115	1	9		11	0,7436		56350	419
2017	5	11001	1100112	1	9		11	0,5917		151925	899
2017	5	11001	1100119	1	9		11	0,9145		111214	1017
2017	5	76001	7600101	1	9		11	0,474		5274	25
2017	5	76001	7600102	1	9		11	0,3379		84340	285
2017	5	76001	7600103	1	9		11	0,5903		63695	376
2017	5	76001	7600104	1	9		11	0,1464		23915	35
2017	5	76001	7600105	1	9		11	0,1801		21652	39
2017	5	76001	7600106	1	9		11	0,2556		12522	32
2017	5	76001	7600107	1	9		11	0,2204		8622	19
2017	5	76001	7600108	1	9		11	0,3802		25511	97
2017	5	76001	7600109	1	9		11	0,3931		23915	94
2017	5	76001	7600110	1	9		11	0,4366		21302	93
2017	5	76001	7600111	1	9		11	0,6133		11250	69
2017	5	76001	7600112	1	9		11	0,3197		3754	12
2017	5	76001	7600113	1	9		11	0,7048		14330	101
2017	5	76001	7600114	1	9		11	0,5202		14803	77
2017	5	76001	7600115	1	9		11	0,7539		7030	53
2017	5	76001	7600116	1	9		11	0,4857		10707	52
2017	5	76001	7600117	1	9		11	0,4469		49896	223
2017	5	76001	7600118	1	9		11	0,9919		16837	167
2017	5	76001	7600119	1	9		11	0,637		63890	407
2017	5	76001	7600120	1	9		11	0,4626		3459	16
2017	5	5001	500116	1	9		11	0,9386		54870	515
2017	5	5001	500101	1	9		11	1,6783		4171	70
2017	5	5001	500107	1	9		11	2,0617		31091	641
2017	5	5001	500104	1	9		11	1,7602		20111	354
2017	5	5001	500105	1	9		11	1,7559		32974	579
2017	5	5001	500115	1	9		11	0,6424		46697	300
2017	5	5001	500103	1	9		11	1,8944		8446	160
2017	5	5001	500114	1	9		11	0,7012		120367	844
2017	5	5001	500112	1	9		11	0,7595		22515	171
2017	5	5001	500113	1	9		11	1,0729		17149	184
2017	5	52001		1	9		11	0,809		109266	884
2017	5	63001		1	9		11	0,5866		112679	661
2017	5	5001		1	9		11	1,1116		686333	7629
2017	5	11001		1	9		11	0,7135		3399378	24254
2017	5	76001	7600122	1	9		11	1,0457		23621	247
2017	5	81001		1	9		17	0,2451		21215	52
2017	5	94001		2	9		18		2,296		
2017	5	15572		1	9		18	0,9145		15855	145
2017	5	25799		1	9		18	1,8858		5515	104
2017	5	25286		1	9		18	1,9527		30317	592
2017	5	25473		1	9		18	1,4079		36224	510
2017	5	85410		1	9		18	1,6837		10394	175
2017	5	25175		1	9		18	0,841		59812	503
2017	5	25758		1	9		18	1,3723		13190	181
2017	5	25307		1	9		18	0,8531		38330	327
2017	5	25377		1	9		18	0,5802		12582	73
2017	5	15238		1	9		18	0,3962		81772	324
2017	5	25430		1	9		18	1,4468		32141	465
2017	5	25214		1	9		18	1,2687		21597	274
2017	5	19001		1	9		18	0,5795		122701	711
2017	5	15001		1	9		18	0,6614		133194	881



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	85001		1	9	18		0,6716		127609	857
2017	5	95001		2	9	18		0,3001		16326	49
2017	5	86001		2	9	18		0,6149		20330	125
2017	5	15491		1	9		18	0,8717		4818	42
2017	5	25817		1	9		18	0,5764		12665	73
2017	5	25754		1	9		18	1,2381		131816	1632
2017	5	25290		1	9		18	1,1162		52053	581
2017	5	25126		1	9		18	1,4102		29499	416
2017	5	25899		1	9		18	1,3529		49005	663
2017	5	25269		1	9		18	0,8331		53776	448
2017	5	15759		1	9		18	0,6059		76742	465
2017	5	91001		2	9	19			5,0129		
2017	5	73268		1	9		19	0,6132		22016	135
2017	5	5376		1	9		19	0,7193		13625	98
2017	5	44847		1	9		19	0,264		5304	14
2017	5	5088		1	9		19	2,0861		70563	1472
2017	5	5837		1	9		19	1,0776		23106	249
2017	5	5615		1	9		19	0,6249		53611	335
2017	5	5129		1	9		19	0,911		16246	148
2017	5	50006		1	9		19	1,0504		32558	342
2017	5	97001		2	9	19			0,1653		
2017	5	5212		1	9		19	1,3635		13935	190
2017	5	8758		1	9		19	0,5427		44406	241
2017	5	41551		1	9		19	0,949		41621	395
2017	5	5308		1	9		19	1,1861		12225	145
2017	5	8573		1	9		19	0,3951		8858	35
2017	5	54874		1	9		19	1,748		14016	245
2017	5	50568		1	9		19	0,6527		12563	82
2017	5	5360		1	9		19	1,3373		38584	516
2017	5	68081		1	9		19	0,557		54044	301
2017	5	5045		1	9		19	0,7642		34024	260
2017	5	5631		1	9		19	1,0667		20719	221
2017	5	68679		1	9		19	0,5041		12300	62
2017	5	18001		1	9	19		2,0001		93693	1874
2017	5	44001		1	9	19		0,5853		21356	125
2017	5	68307		1	9		19	0,8349		22038	184
2017	5	5380		1	9		19	1,3742		11498	158
2017	5	5607		1	9		19	0,4261		6336	27
2017	5	44430		1	9		19	0,384		11458	44
2017	5	68276		1	9		19	1,2839		46266	594
2017	5	54405		1	9		19	0,4048		19762	80
2017	5	17380		1	9		19	1,2263		22751	279
2017	5	5318		1	9		19	0,6624		12078	80
2017	5	20011		1	9		19	0,2854		17518	50
2017	5	44560		1	9		19	0,3236		2163	7
2017	5	66170		1	9		19	0,6556		55975	367
2017	5	5266		1	9		19	1,2244		45409	556
2017	5	20400		1	9		19	0,789		15842	125
2017	5	54498		1	9		19	0,6645		22122	147
2017	5	73449		1	9		19	0,6879		18171	125
2017	5	68547		1	9		19	0,8405		22844	192
2017	5	52835		1	9		20	0,6497		18625	121
2017	5	88001		2	9	20		0,5899		6611	39
2017	5	27001		2	9	20		1,5886		61060	970
2017	5	52356		1	9		20	1,1251		13954	157
2017	5	23001		1	10	9		0,5793		169684	983
2017	5	73001	7300107	1	10	10		1,0234		13778	141
2017	5	73001	7300108	1	10	10		0,8596		11401	98
2017	5	73001	7300109	1	10	10		2,3555		27213	641
2017	5	73001	7300110	1	10	10		0,4113		26985	111
2017	5	73001	7300111	1	10	10		0,1857		4309	8
2017	5	73001	7300112	1	10	10		0,2701		7406	20
2017	5	73001	7300113	1	10	10		0,6011		4159	25
2017	5	13001	1300102	1	10	10		0,5966		52298	312
2017	5	13001	1300103	1	10	10		0,9786		66932	655
2017	5	13001	1300101	1	10	10		0,4085		120685	493
2017	5	50001		1	10	10		0,502		278903	1400
2017	5	20001		1	10	10		0,2847		90626	258
2017	5	41001		1	10	10		0,7754		133488	1035
2017	5	70001		1	10	10		0,3381		70986	240
2017	5	17001		1	10	10		0,4415		172592	762
2017	5	52001		1	10	10		0,8955		110887	993
2017	5	73001		1	10	10		0,7653		184763	1414
2017	5	13001		1	10	10		0,6085		239915	1460
2017	5	44001		1	10	10		0,406		26844	109
2017	5	63001		1	10	10		0,5639		112967	637
2017	5	8001		1	10	10		0,425		282378	1200
2017	5	47001		1	10	10		0,4799		85431	410
2017	5	68001		1	10	10		0,6328		165463	1047





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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001		1	10		10	1,1956		3435050	41070
2017	5	54001		1	10		10	0,7187		228887	1645
2017	5	76834		1	10		10	0,5774		31692	183
2017	5	76109		1	10		10	0,4792		54888	263
2017	5	76147		1	10		10	0,3566		35335	126
2017	5	76520		1	10		10	0,5618		58915	331
2017	5	76892		1	10		10	0,3834		47464	182
2017	5	76130		1	10		10	0,8099		16298	132
2017	5	76364		1	10		10	0,7272		24341	177
2017	5	54001	5400106	1	10		10	1,0557		24344	257
2017	5	54001	5400101	1	10		10	0,4704		57820	272
2017	5	54001	5400104	1	10		10	0,9191		13383	123
2017	5	54001	5400110	1	10		10	1,1834		9295	110
2017	5	54001	5400108	1	10		10	0,4981		19876	99
2017	5	54001	5400105	1	10		10	0,6979		29232	204
2017	5	54001	5400103	1	10		10	1,2168		10355	126
2017	5	54001	5400107	1	10		10	0,6396		18137	116
2017	5	54001	5400109	1	10		10	0,6846		13439	92
2017	5	54001	5400102	1	10		10	0,6167		29838	184
2017	5	99001		2	10		10		1,8331		
2017	5	8001	800105	1	10		10	0,2701		40358	109
2017	5	8001	800103	1	10		10	0,5274		41907	221
2017	5	8001	800102	1	10		10	0,4406		18385	81
2017	5	8001	800101	1	10		10	0,6146		33191	204
2017	5	8001	800104	1	10		10	0,3895		145829	568
2017	5	68001	6800111	1	10		10	1,3569		3685	50
2017	5	68001	6800117	1	10		10	1,0718		2799	30
2017	5	68001	6800101	1	10		10	0,6779		6048	41
2017	5	68001	6800115	1	10		10	0,5067		15000	76
2017	5	68001	6800113	1	10		10	0,571		30823	176
2017	5	68001	6800110	1	10		10	0,8938		8727	78
2017	5	68001	6800104	1	10		10	0,4825		13471	65
2017	5	68001	6800107	1	10		10	0,5049		3169	16
2017	5	68001	6800106	1	10		10	0,5872		12092	71
2017	5	68001	6800105	1	10		10	1,222		7447	91
2017	5	68001	6800103	1	10		10	0,4496		18906	85
2017	5	68001	6800108	1	10		10	0,5784		2939	17
2017	5	68001	6800116	1	10		10	0,9959		6527	65
2017	5	68001	6800112	1	10		10	0,5135		31937	164
2017	5	11001	1100107	1	10		10	1,1412		134072	1530
2017	5	11001	1100111	1	10		10	1,4145		375685	5314
2017	5	11001	1100105	1	10		10	2,6466		59926	1586
2017	5	11001	1100108	1	10		10	1,6603		363842	6041
2017	5	11001	1100101	1	10		10	1,4132		335476	4741
2017	5	11001	1100110	1	10		10	1,0467		291295	3049
2017	5	11001	1100109	1	10		10	1,0313		239510	2470
2017	5	11001	1100114	1	10		10	0,53		140756	746
2017	5	11001	1100103	1	10		10	0,7077		152462	1079
2017	5	11001	1100102	1	10		10	1,0615		314758	3341
2017	5	11001	1100117	1	10		10	0,6367		64395	410
2017	5	11001	1100106	1	10		10	1,475		66238	977
2017	5	11001	1100113	1	10		10	0,7992		193455	1546
2017	5	11001	1100118	1	10		10	2,1015		99454	2090
2017	5	11001	1100116	1	10		10	0,5664		213447	1209
2017	5	11001	1100104	1	10		10	2,4789		74186	1839
2017	5	11001	1100115	1	10		10	1,2258		57186	701
2017	5	11001	1100112	1	10		10	0,6493		148774	966
2017	5	11001	1100119	1	10		10	1,303		110133	1435
2017	5	76111		1	10		10	0,3391	10	17692	60
2017	5	50001	5000101	1	10		10	0,5212		19571	102
2017	5	50001	5000102	1	10		10	0,3754		66604	250
2017	5	50001	5000103	1	10		10	0,2437		25446	62
2017	5	50001	5000104	1	10		10	0,3907		22777	89
2017	5	50001	5000105	1	10		10	0,4263		48326	206
2017	5	50001	5000106	1	10		10	0,0977		12286	12
2017	5	50001	5000107	1	10		10	0,7973		39007	311
2017	5	50001	5000108	1	10		10	0,4711		17619	83
2017	5	73001	7300101	1	10		10	0,1921		34353	66
2017	5	73001	7300102	1	10		10	0,3365		3269	11
2017	5	73001	7300103	1	10		10	0,5164		10651	55
2017	5	73001	7300104	1	10		10	0,5145		14382	74
2017	5	73001	7300105	1	10		10	0,5544		16233	90
2017	5	73001	7300106	1	10		10	0,5875		7149	42
2017	5	76001	7600121	1	10		11	0,5786		4148	24
2017	5	76001		1	10		11	0,5303		528551	2803
2017	5	5001	500102	1	10		11	2,0422		13417	274
2017	5	5001	500109	1	10		11	1,5786		17421	275
2017	5	5001	500110	1	10		11	0,9796		177413	1738
2017	5	5001	500108	1	10		11	1,6779		13708	230



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500106	1	10		11	1,4534		13142	191
2017	5	5001	500111	1	10		11	0,8633		69614	601
2017	5	76001	7600101	1	10		11	0,7573		5810	44
2017	5	76001	7600102	1	10		11	0,3758		83554	314
2017	5	76001	7600103	1	10		11	0,6333		61264	388
2017	5	76001	7600104	1	10		11	0,198		24245	48
2017	5	76001	7600105	1	10		11	0,1873		21888	41
2017	5	76001	7600106	1	10		11	0,183		12571	23
2017	5	76001	7600107	1	10		11	0,4982		9634	48
2017	5	76001	7600108	1	10		11	0,4035		26768	108
2017	5	76001	7600109	1	10		11	0,3625		23173	84
2017	5	76001	7600110	1	10		11	0,6737		21078	142
2017	5	76001	7600111	1	10		11	0,7433		11704	87
2017	5	76001	7600112	1	10		11	0,3953		3795	15
2017	5	76001	7600113	1	10		11	0,7252		14754	107
2017	5	76001	7600114	1	10		11	0,5821		15118	88
2017	5	76001	7600115	1	10		11	0,7327		7234	53
2017	5	76001	7600116	1	10		11	0,6606		10748	71
2017	5	76001	7600117	1	10		11	0,5146		52274	269
2017	5	76001	7600118	1	10		11	0,6156		16894	104
2017	5	76001	7600119	1	10		11	0,6799		62946	428
2017	5	76001	7600120	1	10		11	0,5549		3604	20
2017	5	5001	500116	1	10		11	0,9615		56057	539
2017	5	5001	500101	1	10		11	1,8782		4153	78
2017	5	5001	500107	1	10		11	2,0911		30462	637
2017	5	5001	500104	1	10		11	1,5798		21142	334
2017	5	5001	500105	1	10		11	1,5677		33424	524
2017	5	5001	500115	1	10		11	0,757		46370	351
2017	5	5001	500103	1	10		11	1,7429		8893	155
2017	5	5001	500114	1	10		11	0,5788		122505	709
2017	5	5001	500112	1	10		11	0,7718		22803	176
2017	5	5001	500113	1	10		11	1,2379		17126	212
2017	5	5001		1	10		11	1,0612		687125	7292
2017	5	66001		1	10		11	0,4768		212656	1014
2017	5	76001	7600122	1	10		11	0,7675		24233	186
2017	5	91001		2	10		18		4,1934		
2017	5	97001		2	10		18		0,2395		
2017	5	15572		1	10		18	0,8434		16599	140
2017	5	25799		1	10		18	1,7874		5371	96
2017	5	25286		1	10		18	2,0779		30801	640
2017	5	25473		1	10		18	1,2555		38472	483
2017	5	25175		1	10		18	0,7124		61626	439
2017	5	25758		1	10		18	1,7048		12553	214
2017	5	25307		1	10		18	0,7001		40566	284
2017	5	25377		1	10		18	0,7326		12148	89
2017	5	68081		1	10		18	0,4809		63428	305
2017	5	15238		1	10		18	0,4144		76500	317
2017	5	25430		1	10		18	1,3089		32698	428
2017	5	68679		1	10		18	0,4053		16036	65
2017	5	25214		1	10		18	1,1693		20268	237
2017	5	81001		1	10		18	0,3952		19737	78
2017	5	15001		1	10		18	0,538		138668	746
2017	5	85001		1	10		18	0,7052		121812	859
2017	5	95001		2	10		18	0,1478		16916	25
2017	5	86001		2	10		18	0,6393		20490	131
2017	5	68307		1	10		18	0,5562		24991	139
2017	5	15491		1	10		18	0,8378		4894	41
2017	5	25817		1	10		18	0,5101		13724	70
2017	5	68276		1	10		18	0,9095		51676	470
2017	5	25754		1	10		18	1,5103		139975	2114
2017	5	25290		1	10		18	1,0883		53111	578
2017	5	25126		1	10		18	1,7598		30685	540
2017	5	25899		1	10		18	1,2835		47839	614
2017	5	25269		1	10		18	0,9816		54913	539
2017	5	68547		1	10		18	0,7767		24206	188
2017	5	15759		1	10		18	0,5983		74376	445
2017	5	94001		2	10		19		3,8982		
2017	5	73268		1	10		19	0,7084		22587	160
2017	5	5376		1	10		19	0,922		13341	123
2017	5	5212		1	10		19	1,4382		13211	190
2017	5	8758		1	10		19	0,513		44836	230
2017	5	41551		1	10		19	0,965		43007	415
2017	5	5088		1	10		19	1,9865		68109	1353
2017	5	5837		1	10		19	0,9749		22669	221
2017	5	5615		1	10		19	0,4695		52185	245
2017	5	5129		1	10		19	0,9009		16095	145
2017	5	50006		1	10		19	1,0834		30551	331
2017	5	52356		1	10		19	0,819		17583	144
2017	5	5308		1	10		19	0,8508		11753	100



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	8573		1	10		19	2,4254		9277	225
2017	5	85410		1	10		19	1,5989		8381	134
2017	5	54874		1	10		19	1,2326		12900	159
2017	5	50568		1	10		19	0,9373		12269	115
2017	5	5360		1	10		19	1,3772		37396	515
2017	5	5045		1	10		19	0,8758		35737	313
2017	5	5631		1	10		19	1,0903		18894	206
2017	5	19001		1	10	19		0,4861		113148	550
2017	5	18001		1	10	19		0,5785		79173	458
2017	5	88001		2	10	19		0,4805		8324	40
2017	5	5380		1	10		19	1,335		11386	152
2017	5	5607		1	10		19	0,3111		6108	19
2017	5	54405		1	10		19	0,4835		20476	99
2017	5	17380		1	10		19	0,9913		23101	229
2017	5	5318		1	10		19	0,5566		11858	66
2017	5	20011		1	10		19	0,4861		18516	90
2017	5	66170		1	10		19	0,6089		56001	341
2017	5	5266		1	10		19	1,1742		43264	508
2017	5	20400		1	10		19	0,4086		14196	58
2017	5	54498		1	10		19	0,7291		22492	164
2017	5	52835		1	10		19	0,7112		23480	167
2017	5	73449		1	10		19	0,6453		19215	124
2017	5	44560		1	10		20	0,5138		1557	8
2017	5	44430		1	10		20	0,4625		9081	42
2017	5	27001		2	10	20		1,8318		45584	835
2017	5	44847		1	10		20	0,2688		4093	11
2017	5	50001		1	11	10		0,5015		275984	1384
2017	5	20001		1	11	10		0,2595		91716	238
2017	5	41001		1	11	10		0,3954		133269	527
2017	5	70001		1	11	10		0,4191		72775	305
2017	5	17001		1	11	10		0,4258		170027	724
2017	5	52001		1	11	10		0,7355		115020	846
2017	5	73001		1	11	10		0,7355		184370	1356
2017	5	13001		1	11	10		0,6415		241925	1552
2017	5	23001		1	11	10		0,5009		162493	814
2017	5	63001		1	11	10		0,6835		111336	761
2017	5	86001		2	11	10		2,588		22875	592
2017	5	8001		1	11	10		0,4816		276586	1332
2017	5	47001		1	11	10		0,3769		85179	321
2017	5	68001		1	11	10		0,6012		170482	1025
2017	5	11001		1	11	10		0,7445		3366400	25064
2017	5	54001		1	11	10		0,7074		229444	1623
2017	5	76834		1	11		10	0,564		32094	181
2017	5	76109		1	11		10	0,4388		55374	243
2017	5	76147		1	11		10	0,3563		35359	126
2017	5	76520		1	11		10	0,6675		59327	396
2017	5	76892		1	11		10	0,3587		50455	181
2017	5	76130		1	11		10	0,6953		14526	101
2017	5	76364		1	11		10	0,5782		23867	138
2017	5	76111		1	11		10	0,378		17725	67
2017	5	50001	5000101	1	11	10		0,4742		18978	90
2017	5	50001	5000102	1	11	10		0,3308		66208	219
2017	5	50001	5000103	1	11	10		0,2186		26072	57
2017	5	50001	5000104	1	11	10		0,3444		22650	78
2017	5	50001	5000105	1	11	10		0,443		46956	208
2017	5	50001	5000106	1	11	10		0,1198		11690	14
2017	5	50001	5000107	1	11	10		0,8894		40366	359
2017	5	50001	5000108	1	11	10		0,5037		17073	86
2017	5	73001	7300101	1	11	10		0,2805		33152	93
2017	5	73001	7300102	1	11	10		0,4401		3181	14
2017	5	73001	7300103	1	11	10		0,6141		12539	77
2017	5	73001	7300104	1	11	10		0,3041		14471	44
2017	5	73001	7300105	1	11	10		0,4885		16582	81
2017	5	73001	7300106	1	11	10		0,4728		6768	32
2017	5	73001	7300107	1	11	10		0,8553		13329	114
2017	5	73001	7300108	1	11	10		0,9249		11352	105
2017	5	73001	7300109	1	11	10		2,1428		27161	582
2017	5	73001	7300110	1	11	10		0,3734		25980	97
2017	5	73001	7300111	1	11	10		0,2791		4299	12
2017	5	73001	7300112	1	11	10		0,3476		7192	25
2017	5	73001	7300113	1	11	10		1,0419		4799	50
2017	5	13001	1300102	1	11	10		0,4751		51988	247
2017	5	13001	1300103	1	11	10		1,0138		65790	667
2017	5	13001	1300101	1	11	10		0,5139		124147	638
2017	5	8001	800105	1	11	10		0,3528		38266	135
2017	5	8001	800103	1	11	10		0,505		41581	210
2017	5	8001	800102	1	11	10		0,678		17404	118
2017	5	8001	800101	1	11	10		0,9627		32618	314
2017	5	8001	800104	1	11	10		0,3762		144878	545



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68001	6800111	1	11	10		0,2959		4056	12
2017	5	68001	6800117	1	11	10		1,0399		2885	30
2017	5	68001	6800101	1	11	10		0,8097		5928	48
2017	5	68001	6800115	1	11	10		0,5893		16122	95
2017	5	68001	6800113	1	11	10		0,5938		31663	188
2017	5	68001	6800110	1	11	10		0,7838		8165	64
2017	5	68001	6800104	1	11	10		0,6155		14298	88
2017	5	68001	6800107	1	11	10		0,3235		4018	13
2017	5	68001	6800106	1	11	10		0,4287		12597	54
2017	5	68001	6800105	1	11	10		0,9618		7902	76
2017	5	68001	6800103	1	11	10		0,4589		19829	91
2017	5	68001	6800108	1	11	10		0,9434		2438	23
2017	5	68001	6800116	1	11	10		0,8308		6018	50
2017	5	68001	6800112	1	11	10		0,4982		32516	162
2017	5	11001	1100107	1	11	10		0,967		131434	1271
2017	5	11001	1100111	1	11	10		0,9505		369928	3516
2017	5	11001	1100105	1	11	10		0,8936		59423	531
2017	5	11001	1100108	1	11	10		1,0074		351305	3539
2017	5	11001	1100101	1	11	10		0,7455		330105	2461
2017	5	11001	1100110	1	11	10		0,5981		281718	1685
2017	5	11001	1100109	1	11	10		0,698		229527	1602
2017	5	11001	1100114	1	11	10		0,546		143412	783
2017	5	11001	1100103	1	11	10		0,655		141978	930
2017	5	11001	1100102	1	11	10		0,4681		310222	1452
2017	5	11001	1100117	1	11	10		0,6184		60640	375
2017	5	11001	1100106	1	11	10		0,8537		65127	556
2017	5	11001	1100113	1	11	10		0,7421		196608	1459
2017	5	11001	1100118	1	11	10		0,7474		99812	746
2017	5	11001	1100116	1	11	10		0,5033		207814	1046
2017	5	11001	1100104	1	11	10		1,3344		74790	998
2017	5	11001	1100115	1	11	10		0,699		56509	395
2017	5	11001	1100112	1	11	10		0,469		148823	698
2017	5	11001	1100119	1	11	10		0,9522		107225	1021
2017	5	54001	5400106	1	11	10		0,884		24094	213
2017	5	54001	5400101	1	11	10		0,5131		60221	309
2017	5	54001	5400104	1	11	10		0,946		12896	122
2017	5	54001	5400110	1	11	10		1,0026		9276	93
2017	5	54001	5400108	1	11	10		0,5538		19142	106
2017	5	54001	5400105	1	11	10		0,5059		29452	149
2017	5	54001	5400103	1	11	10		1,1955		10874	130
2017	5	54001	5400107	1	11	10		0,6577		17789	117
2017	5	54001	5400109	1	11	10		0,801		13233	106
2017	5	54001	5400102	1	11	10		0,7677		29310	225
2017	5	99001		2	11	10			2,0878		
2017	5	5001	500116	1	11	11		0,7944		55893	444
2017	5	76001		1	11	11		0,5147		524029	2697
2017	5	5001	500107	1	11	11		1,502		30159	453
2017	5	5001	500104	1	11	11		1,4398		20558	296
2017	5	5001	500105	1	11	11		1,4728		32591	480
2017	5	5001	500115	1	11	11		0,5646		45517	257
2017	5	5001	500103	1	11	11		1,5323		8810	135
2017	5	5001	500114	1	11	11		0,5123		120428	617
2017	5	5001	500112	1	11	11		0,7341		22204	163
2017	5	5001	500113	1	11	11		1,0573		17024	180
2017	5	5001	500102	1	11	11		2,4839		12078	300
2017	5	5001	500109	1	11	11		1,2358		17722	219
2017	5	5001	500110	1	11	11		0,818		184234	1507
2017	5	5001	500108	1	11	11		1,118		13954	156
2017	5	5001	500106	1	11	11		1,7828		12901	230
2017	5	5001	500111	1	11	11		0,8349		67910	567
2017	5	76001	7600101	1	11	11		0,7023		5411	38
2017	5	76001	7600102	1	11	11		0,3443		83347	287
2017	5	76001	7600103	1	11	11		0,6091		65347	398
2017	5	76001	7600104	1	11	11		0,1927		23866	46
2017	5	76001	7600105	1	11	11		0,176		21596	38
2017	5	76001	7600106	1	11	11		0,2651		12072	32
2017	5	76001	7600107	1	11	11		0,3568		8407	30
2017	5	76001	7600108	1	11	11		0,3434		25336	87
2017	5	76001	7600109	1	11	11		0,3391		24478	83
2017	5	76001	7600110	1	11	11		0,4669		20988	98
2017	5	76001	7600111	1	11	11		0,5854		11445	67
2017	5	76001	7600112	1	11	11		0,4444		3600	16
2017	5	76001	7600113	1	11	11		0,653		14855	97
2017	5	76001	7600114	1	11	11		0,8695		15066	131
2017	5	76001	7600115	1	11	11		0,5973		7199	43
2017	5	76001	7600116	1	11	11		0,4427		9940	44
2017	5	76001	7600117	1	11	11		0,5596		50392	282
2017	5	76001	7600118	1	11	11		0,4875		16001	78
2017	5	76001	7600119	1	11	11		0,608		61185	372



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76001	7600120	1	11		11	0,3493		3435	12
2017	5	76001	7600121	1	11		11	1,0937		4663	51
2017	5	76001	7600122	1	11		11	0,9987		24832	248
2017	5	5001	500101	1	11		11	1,8104		3756	68
2017	5	5001		1	11		11	0,9265		685262	6349
2017	5	66001		1	11		11	0,5255		221483	1164
2017	5	19001		1	11		17	0,4134		134261	555
2017	5	15238		1	11		18	0,4244		80104	340
2017	5	25430		1	11		18	1,1527		32878	379
2017	5	25214		1	11		18	1,2105		20653	250
2017	5	91001		2	11		18		4,326		
2017	5	81001		1	11		18	0,3494		20609	72
2017	5	15001		1	11		18	0,5281		139187	735
2017	5	18001		1	11		18	0,5054		94174	476
2017	5	85001		1	11		18	0,6369		123257	785
2017	5	15491		1	11		18	0,7859		5090	40
2017	5	25817		1	11		18	0,5501		13270	73
2017	5	25754		1	11		18	1,1364		134374	1527
2017	5	25290		1	11		18	0,9999		51007	510
2017	5	25126		1	11		18	1,3415		29817	400
2017	5	25899		1	11		18	1,1261		48663	548
2017	5	25269		1	11		18	0,682		54987	375
2017	5	15759		1	11		18	0,4753		77012	366
2017	5	15572		1	11		18	0,8968		15500	139
2017	5	25799		1	11		18	1,3301		5714	76
2017	5	25286		1	11		18	1,7661		31709	560
2017	5	25473		1	11		18	1,2421		37438	465
2017	5	25175		1	11		18	1,0239		60262	617
2017	5	25758		1	11		18	1,1853		13921	165
2017	5	25307		1	11		18	0,7216		38943	281
2017	5	25377		1	11		18	0,5791		12087	70
2017	5	5045		1	11		19	0,7431		32026	238
2017	5	68081		1	11		19	0,5142		55812	287
2017	5	68679		1	11		19	0,4871		12729	62
2017	5	97001		2	11		19		0,428		
2017	5	94001		2	11		19		3,5695		
2017	5	5631		1	11		19	1,3318		20274	270
2017	5	5360		1	11		19	1,1786		38605	455
2017	5	44001		1	11		19	0,5521		22822	126
2017	5	95001		2	11		19	0,2424		14437	35
2017	5	68307		1	11		19	0,5741		21425	123
2017	5	5380		1	11		19	1,2027		11557	139
2017	5	5607		1	11		19	0,3306		6049	20
2017	5	44430		1	11		19	0,4668		11997	56
2017	5	68276		1	11		19	1,1277		46823	528
2017	5	54405		1	11		19	2,0394		19859	405
2017	5	17380		1	11		19	0,957		22884	219
2017	5	5318		1	11		19	0,7488		12553	94
2017	5	20011		1	11		19	0,4458		17721	79
2017	5	44560		1	11		19	0,7502		2266	17
2017	5	66170		1	11		19	0,5323		58426	311
2017	5	5266		1	11		19	1,2259		44458	545
2017	5	20400		1	11		19	0,3569		13730	49
2017	5	54498		1	11		19	0,6072		23058	140
2017	5	52835		1	11		19	0,6487		25590	166
2017	5	73449		1	11		19	0,7468		18746	140
2017	5	68547		1	11		19	0,9347		22253	208
2017	5	41551		1	11		19	0,992		41229	409
2017	5	8758		1	11		19	0,7635		44136	337
2017	5	5212		1	11		19	1,4649		13789	202
2017	5	73268		1	11		19	0,6131		22347	137
2017	5	5376		1	11		19	0,8497		13887	118
2017	5	44847		1	11		19	0,2575		5437	14
2017	5	5088		1	11		19	1,9955		70808	1413
2017	5	5837		1	11		19	1,0008		24481	245
2017	5	5615		1	11		19	0,4697		54504	256
2017	5	5129		1	11		19	0,9808		16823	165
2017	5	50006		1	11		19	1,0458		30980	324
2017	5	52356		1	11		19	0,8052		18009	145
2017	5	5308		1	11		19	1,1835		12759	151
2017	5	8573		1	11		19	0,4732		9722	46
2017	5	85410		1	11		19	1,4817		7964	118
2017	5	54874		1	11		19	1,5479		14213	220
2017	5	50568		1	11		19	1,8877		12767	241
2017	5	88001		2	11		20	0,6258		7351	46
2017	5	27001		2	11		20	1,9026		44781	852
2017	5	54001	5400106	1	12		10	0,9637		25216	243
2017	5	76364		1	12		10	0,6497		23856	155
2017	5	54001	5400104	1	12		10	0,7		13285	93



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	54001	5400110	1	12		10	1,0134		8486	86
2017	5	54001	5400108	1	12		10	0,4197		18586	78
2017	5	54001	5400105	1	12		10	0,551		30492	168
2017	5	54001	5400103	1	12		10	1,1315		10605	120
2017	5	54001	5400107	1	12		10	0,6248		17606	110
2017	5	54001	5400109	1	12		10	0,7948		13085	104
2017	5	54001	5400102	1	12		10	0,73		29588	216
2017	5	99001		2	12		10		1,5646		
2017	5	76111		1	12		10	0,4091		18577	76
2017	5	73001	7300101	1	12		10	0,2972		32974	98
2017	5	73001	7300102	1	12		10	0,3028		3302	10
2017	5	73001	7300103	1	12		10	0,5035		11917	60
2017	5	73001	7300104	1	12		10	0,3349		14930	50
2017	5	73001	7300105	1	12		10	0,5508		16159	89
2017	5	73001	7300106	1	12		10	0,4691		6608	31
2017	5	73001	7300107	1	12		10	1,0431		13518	141
2017	5	73001	7300108	1	12		10	0,8171		11014	90
2017	5	73001	7300109	1	12		10	2,3439		27731	650
2017	5	73001	7300110	1	12		10	0,3339		27257	91
2017	5	73001	7300111	1	12		10	0,1603		4366	7
2017	5	73001	7300112	1	12		10	0,2245		7126	16
2017	5	73001	7300113	1	12		10	0,7331		4365	32
2017	5	20001		1	12		10	0,2439		95113	232
2017	5	41001		1	12		10	0,7243		138619	1004
2017	5	52001		1	12		10	0,6827		117032	799
2017	5	73001		1	12		10	0,7571		184508	1397
2017	5	23001		1	12		10	0,5113		166843	853
2017	5	44001		1	12		10	0,4152		27938	116
2017	5	63001		1	12		10	0,552		114492	632
2017	5	47001		1	12		10	0,4587		84152	386
2017	5	54001		1	12		10	0,6849		227762	1560
2017	5	76834		1	12		10	0,4674		32306	151
2017	5	76109		1	12		10	0,4306		56662	244
2017	5	76147		1	12		10	0,2959		36161	107
2017	5	76520		1	12		10	0,5249		60200	316
2017	5	76892		1	12		10	0,2869		50200	144
2017	5	76130		1	12		10	0,7696		16372	126
2017	5	54001	5400101	1	12		10	0,4685		57629	270
2017	5	76001	7600119	1	12		11	0,6218		63689	396
2017	5	76001	7600120	1	12		11	0,7432		3633	27
2017	5	50001	5000101	1	12		11	0,5934		19716	117
2017	5	50001	5000102	1	12		11	0,3582		66725	239
2017	5	50001	5000103	1	12		11	0,2284		27150	62
2017	5	50001	5000104	1	12		11	0,4683		23274	109
2017	5	50001	5000105	1	12		11	0,3832		46448	178
2017	5	50001	5000106	1	12		11	0,1287		11659	15
2017	5	50001	5000107	1	12		11	0,6689		39019	261
2017	5	50001	5000108	1	12		11	0,5201		17882	93
2017	5	13001	1300102	1	12		11	0,5325		50893	271
2017	5	13001	1300103	1	12		11	1,1561		64957	751
2017	5	13001	1300101	1	12		11	0,4345		122205	531
2017	5	5001	500116	1	12		11	0,7872		56656	446
2017	5	5001	500101	1	12		11	1,7183		3841	66
2017	5	5001	500107	1	12		11	1,6019		29840	478
2017	5	5001	500104	1	12		11	1,5389		20534	316
2017	5	5001	500105	1	12		11	1,5408		33359	514
2017	5	5001	500115	1	12		11	0,5676		47215	268
2017	5	5001	500103	1	12		11	1,5114		8800	133
2017	5	5001	500114	1	12		11	0,5806		124693	724
2017	5	5001	500112	1	12		11	0,6416		23379	150
2017	5	5001	500113	1	12		11	1,0658		17264	184
2017	5	50001		1	12		11	0,5022		278562	1399
2017	5	70001		1	12		11	0,3989		71941	287
2017	5	13001		1	12		11	0,6524		238055	1553
2017	5	5001		1	12		11	0,9281		693749	6439
2017	5	8001		1	12		11	0,4514		282465	1275
2017	5	66001		1	12		11	0,3882		219487	852
2017	5	68001		1	12		11	0,6035		169179	1021
2017	5	11001		1	12		11	0,7051		3380721	23837
2017	5	76001		1	12		11	0,5165		534539	2761
2017	5	76001	7600121	1	12		11	0,4584		3927	18
2017	5	76001	7600122	1	12		11	0,8875		26140	232
2017	5	5001	500102	1	12		11	1,7156		12882	221
2017	5	5001	500109	1	12		11	1,3295		17526	233
2017	5	5001	500110	1	12		11	0,844		180805	1526
2017	5	5001	500108	1	12		11	1,3807		14196	196
2017	5	5001	500106	1	12		11	1,266		12796	162
2017	5	5001	500111	1	12		11	0,7771		70518	548
2017	5	8001	800105	1	12		11	0,3379		39958	135



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	8001	800103	1	12		11	0,5638		43097	243
2017	5	8001	800102	1	12		11	0,5307		17900	95
2017	5	8001	800101	1	12		11	0,8492		32031	272
2017	5	8001	800104	1	12		11	0,3456		147272	509
2017	5	68001	6800111	1	12		11	0,4537		4408	20
2017	5	68001	6800117	1	12		11	0,6512		2764	18
2017	5	68001	6800101	1	12		11	0,5711		5603	32
2017	5	68001	6800115	1	12		11	0,3922		16318	64
2017	5	68001	6800113	1	12		11	0,6294		31778	200
2017	5	68001	6800110	1	12		11	0,8049		8324	67
2017	5	68001	6800104	1	12		11	0,5198		15007	78
2017	5	68001	6800107	1	12		11	0,321		2804	9
2017	5	68001	6800106	1	12		11	0,7112		12936	92
2017	5	68001	6800105	1	12		11	1,1886		7488	89
2017	5	68001	6800103	1	12		11	0,497		19115	95
2017	5	68001	6800108	1	12		11	0,7788		2568	20
2017	5	68001	6800116	1	12		11	1,1217		6508	73
2017	5	68001	6800112	1	12		11	0,4473		31525	141
2017	5	11001	1100107	1	12		11	0,7246		123926	898
2017	5	11001	1100111	1	12		11	0,9125		367894	3357
2017	5	11001	1100105	1	12		11	0,9183		55644	511
2017	5	11001	1100108	1	12		11	0,8559		342194	2929
2017	5	11001	1100101	1	12		11	0,7341		339475	2492
2017	5	11001	1100110	1	12		11	0,5738		280400	1609
2017	5	11001	1100109	1	12		11	0,6089		227630	1386
2017	5	11001	1100114	1	12		11	0,655		152978	1002
2017	5	11001	1100103	1	12		11	0,489		147429	721
2017	5	11001	1100102	1	12		11	0,4619		326048	1506
2017	5	11001	1100117	1	12		11	0,536		62500	335
2017	5	11001	1100106	1	12		11	0,878		62525	549
2017	5	11001	1100113	1	12		11	0,6893		205267	1415
2017	5	11001	1100118	1	12		11	0,7895		95382	753
2017	5	11001	1100116	1	12		11	0,6118		214625	1313
2017	5	11001	1100104	1	12		11	1,3509		68619	927
2017	5	11001	1100115	1	12		11	0,6874		57756	397
2017	5	11001	1100112	1	12		11	0,5616		149583	840
2017	5	11001	1100119	1	12		11	0,8895		100846	897
2017	5	76001	7600101	1	12		11	0,6992		5435	38
2017	5	76001	7600102	1	12		11	0,3902		85847	335
2017	5	76001	7600103	1	12		11	0,5991		63596	381
2017	5	76001	7600104	1	12		11	0,1668		23974	40
2017	5	76001	7600105	1	12		11	0,2043		23005	47
2017	5	76001	7600106	1	12		11	0,3741		12296	46
2017	5	76001	7600107	1	12		11	0,4568		8756	40
2017	5	76001	7600108	1	12		11	0,3267		26629	87
2017	5	76001	7600109	1	12		11	0,3554		24198	86
2017	5	76001	7600110	1	12		11	0,4854		21427	104
2017	5	76001	7600111	1	12		11	0,5785		11409	66
2017	5	76001	7600112	1	12		11	0,3156		3802	12
2017	5	76001	7600113	1	12		11	0,7608		13802	105
2017	5	76001	7600114	1	12		11	0,8404		15468	130
2017	5	76001	7600115	1	12		11	0,4795		7091	34
2017	5	76001	7600116	1	12		11	0,4097		10251	42
2017	5	76001	7600117	1	12		11	0,5204		53805	280
2017	5	76001	7600118	1	12		11	0,747		14860	111
2017	5	86001		2	12		16	0,4845		21466	104
2017	5	91001		2	12		18		4,909		
2017	5	97001		2	12		18		0,0996		
2017	5	15572		1	12		18	0,8063		15503	125
2017	5	25799		1	12		18	1,5956		5766	92
2017	5	25286		1	12		18	1,9952		32779	654
2017	5	25473		1	12		18	1,0074		40402	407
2017	5	25175		1	12		18	1,0001		68295	683
2017	5	25758		1	12		18	1,1697		14876	174
2017	5	25307		1	12		18	0,5611		40813	229
2017	5	25377		1	12		18	0,4832		12625	61
2017	5	68081		1	12		18	0,5082		63553	323
2017	5	15238		1	12		18	0,3358		84584	284
2017	5	25430		1	12		18	1,4558		37161	541
2017	5	68679		1	12		18	0,4196		18114	76
2017	5	25214		1	12		18	1,3991		24444	342
2017	5	19001		1	12		18	0,4391		142787	627
2017	5	81001		1	12		18	0,3166		21796	69
2017	5	15001		1	12		18	0,4812		143819	692
2017	5	17001		1	12		18	0,5095		191159	974
2017	5	85001		1	12		18	0,6856		125873	863
2017	5	95001		2	12		18	0,2164		17557	38
2017	5	68307		1	12		18	0,4798		25427	122
2017	5	15491		1	12		18	0,8997		4668	42



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	25817		1	12		18	0,3823		14648	56
2017	5	68276		1	12		18	1,1213		57877	649
2017	5	25754		1	12		18	1,2823		141078	1809
2017	5	25290		1	12		18	1,0237		56562	579
2017	5	25126		1	12		18	1,3414		31906	428
2017	5	25899		1	12		18	1,1442		52262	598
2017	5	25269		1	12		18	0,7053		58277	411
2017	5	68547		1	12		18	0,8928		24754	221
2017	5	15759		1	12		18	0,5008		77272	387
2017	5	5376		1	12		19	1,0546		16215	171
2017	5	5212		1	12		19	1,2664		15319	194
2017	5	8758		1	12		19	0,7143		45779	327
2017	5	73268		1	12		19	0,5409		23848	129
2017	5	44847		1	12		19	0,2742		5835	16
2017	5	5088		1	12		19	1,8676		75553	1411
2017	5	5837		1	12		19	0,8942		26391	236
2017	5	5615		1	12		19	0,458		64416	295
2017	5	5129		1	12		19	0,9594		18449	177
2017	5	50006		1	12		19	0,8409		32346	272
2017	5	5308		1	12		19	0,6601		13331	88
2017	5	8573		1	12		19	0,4457		10770	48
2017	5	85410		1	12		19	1,543		8490	131
2017	5	54874		1	12		19	1,6288		13200	215
2017	5	50568		1	12		19	1,2125		12124	147
2017	5	5360		1	12		19	1,1134		41765	465
2017	5	5045		1	12		19	0,5367		36707	197
2017	5	5631		1	12		19	0,969		23219	225
2017	5	27001		2	12		19	1,3048		68285	891
2017	5	18001		1	12		19	0,5919		80762	478
2017	5	88001		2	12		19	0,369		8401	31
2017	5	5380		1	12		19	1,0318		12503	129
2017	5	5607		1	12		19	0,3595		6955	25
2017	5	44430		1	12		19	0,3456		12441	43
2017	5	54405		1	12		19	0,7102		19571	139
2017	5	17380		1	12		19	0,866		24827	215
2017	5	5318		1	12		19	0,6351		13226	84
2017	5	20011		1	12		19	0,4513		19056	86
2017	5	44560		1	12		19	1,0233		1759	18
2017	5	66170		1	12		19	0,617		60451	373
2017	5	5266		1	12		19	1,1067		48612	538
2017	5	20400		1	12		19	0,3642		13454	49
2017	5	54498		1	12		19	0,6453		23399	151
2017	5	73449		1	12		19	0,6789		21504	146
2017	5	41551		1	12		19	1,0452		44966	470
2017	5	52356		1	12		20	0,6952		14672	102
2017	5	52835		1	12		20	0,6239		22440	140
2017	5	94001		2	12		20		1,8337		
2017	5	15759		1	13		10	0,4333		73397	318
2017	5	76147		1	13		10	0,2652		37336	99
2017	5	8758		1	13		10	0,5457		47275	258
2017	5	76520		1	13		10	0,5836		56549	330
2017	5	76892		1	13		10	0,4747		37706	179
2017	5	5212		1	13		10	1,0438		16861	176
2017	5	76130		1	13		10	0,5341		15353	82
2017	5	76364		1	13		10	0,5097		25112	128
2017	5	99001		2	13		10		1,087		
2017	5	5376		1	13		10	0,8534		15233	130
2017	5	15572		1	13		10	0,786		14504	114
2017	5	5088		1	13		10	1,3874		70854	983
2017	5	5837		1	13		10	0,9108		25143	229
2017	5	5615		1	13		10	0,4197		68628	288
2017	5	5129		1	13		10	0,6289		17015	107
2017	5	5308		1	13		10	0,3622		13804	50
2017	5	8573		1	13		10	0,5562		14024	78
2017	5	5360		1	13		10	0,8011		60542	485
2017	5	68081		1	13		10	0,4102		64608	265
2017	5	15238		1	13		10	0,2619		81700	214
2017	5	76111		1	13		10	0,4064		17225	70
2017	5	5045		1	13		10	0,5887		37203	219
2017	5	5631		1	13		10	0,8309		26598	221
2017	5	68679		1	13		10	0,3856		16598	64
2017	5	50001	5000101	1	13		10	0,5913		19278	114
2017	5	50001	5000102	1	13		10	0,7345		45338	333
2017	5	50001	5000103	1	13		10	0,2049		28301	58
2017	5	50001	5000104	1	13		10	0,4271		23650	101
2017	5	50001	5000105	1	13		10	0,363		49312	179
2017	5	50001	5000106	1	13		10	0,4706		12324	58
2017	5	50001	5000107	1	13		10	1,2052		42069	507
2017	5	50001	5000108	1	13		10	0,704		18891	133





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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	73001	7300101	1	13		10	0,2216		27076	60
2017	5	73001	7300102	1	13		10	0,32		3125	10
2017	5	73001	7300103	1	13		10	0,4055		10604	43
2017	5	73001	7300104	1	13		10	0,375		14399	54
2017	5	73001	7300105	1	13		10	0,5082		16923	86
2017	5	73001	7300106	1	13		10	0,4667		6856	32
2017	5	73001	7300107	1	13		10	0,8507		14811	126
2017	5	73001	7300108	1	13		10	0,7106		11961	85
2017	5	73001	7300109	1	13		10	2,067		25835	534
2017	5	73001	7300110	1	13		10	0,2038		23550	48
2017	5	73001	7300111	1	13		10	0,1907		4719	9
2017	5	73001	7300112	1	13		10	0,2169		7839	17
2017	5	73001	7300113	1	13		10	0,5127		4096	21
2017	5	13001	1300102	1	13		10	0,4854		55217	268
2017	5	13001	1300103	1	13		10	0,8352		64777	541
2017	5	13001	1300101	1	13		10	0,4234		112666	477
2017	5	50001		1	13		10	0,6831		264087	1804
2017	5	19001		1	13		10	0,3348		121857	408
2017	5	20001		1	13		10	0,2346		89510	210
2017	5	27001		2	13		10	0,9168		71662	657
2017	5	70001		1	13		10	0,3793		72507	275
2017	5	81001		1	13		10	0,3198		18137	58
2017	5	15001		1	13		10	0,3293		119649	394
2017	5	73001		1	13		10	0,6552		175523	1150
2017	5	13001		1	13		10	0,5527		232660	1286
2017	5	18001		1	13		10	0,3662		81923	300
2017	5	23001		1	13		10	0,6685		164389	1099
2017	5	44001		1	13		10	0,3367		26731	90
2017	5	85001		1	13		10	0,6008		111180	668
2017	5	86001		2	13		10	0,4686		16647	78
2017	5	68307		1	13		10	0,433		30483	132
2017	5	15491		1	13		10	0,814		5037	41
2017	5	5380		1	13		10	0,8301		14818	123
2017	5	5607		1	13		10	0,374		8021	30
2017	5	68276		1	13		10	0,8925		50422	450
2017	5	5318		1	13		10	0,6935		13554	94
2017	5	5266		1	13		10	0,8149		60375	492
2017	5	76834		1	13		10	0,4906		33018	162
2017	5	76109		1	13		10	0,3836		56041	215
2017	5	68547		1	13		10	0,7699		25846	199
2017	5	76001	7600121	1	13		11	0,3037		4280	13
2017	5	76001	7600122	1	13		11	0,5076		22066	112
2017	5	54001	5400106	1	13		11	0,9142		26253	240
2017	5	54001	5400101	1	13		11	0,5766		51338	296
2017	5	54001	5400104	1	13		11	0,9015		14753	133
2017	5	54001	5400110	1	13		11	1,6931		9155	155
2017	5	54001	5400108	1	13		11	0,443		19864	88
2017	5	54001	5400105	1	13		11	0,4574		30605	140
2017	5	54001	5400103	1	13		11	1,4513		11576	168
2017	5	54001	5400107	1	13		11	0,6081		18418	112
2017	5	54001	5400109	1	13		11	0,6252		14396	90
2017	5	54001	5400102	1	13		11	0,8488		27332	232
2017	5	5001	500102	1	13		11	1,7992		15229	274
2017	5	5001	500109	1	13		11	1,1783		20793	245
2017	5	5001	500110	1	13		11	0,7037		155467	1094
2017	5	5001	500108	1	13		11	1,1049		15839	175
2017	5	5001	500106	1	13		11	1,3621		15050	205
2017	5	5001	500111	1	13		11	0,8131		67889	552
2017	5	8001	800105	1	13		11	0,3234		42359	137
2017	5	8001	800103	1	13		11	0,5994		44047	264
2017	5	8001	800102	1	13		11	0,5587		19331	108
2017	5	8001	800101	1	13		11	0,6475		34441	223
2017	5	8001	800104	1	13		11	0,3525		133606	471
2017	5	68001	6800111	1	13		11	0,4095		4396	18
2017	5	68001	6800117	1	13		11	0,9198		3479	32
2017	5	68001	6800101	1	13		11	0,7304		5887	43
2017	5	68001	6800115	1	13		11	0,494		12955	64
2017	5	68001	6800113	1	13		11	0,5599		28754	161
2017	5	68001	6800110	1	13		11	0,7779		9513	74
2017	5	68001	6800104	1	13		11	0,7368		13436	99
2017	5	68001	6800107	1	13		11	0,6252		3359	21
2017	5	68001	6800106	1	13		11	0,4079		13237	54
2017	5	68001	6800105	1	13		11	1,4604		7532	110
2017	5	68001	6800103	1	13		11	0,3666		19093	70
2017	5	68001	6800108	1	13		11	0,4556		3073	14
2017	5	68001	6800116	1	13		11	0,7278		7557	55
2017	5	68001	6800112	1	13		11	0,5349		26547	142
2017	5	11001	1100107	1	13		11	1,3687		149048	2040
2017	5	11001	1100111	1	13		11	1,0449		394007	4117



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001	1100105	1	13	11		0,908		64094	582
2017	5	11001	1100108	1	13	11		1,0978		393970	4325
2017	5	11001	1100101	1	13	11		0,7275		290603	2114
2017	5	11001	1100110	1	13	11		0,6225		302012	1880
2017	5	11001	1100109	1	13	11		0,8861		212837	1886
2017	5	11001	1100114	1	13	11		0,5219		137565	718
2017	5	11001	1100103	1	13	11		0,4602		99961	460
2017	5	11001	1100102	1	13	11		0,3911		175912	688
2017	5	11001	1100117	1	13	11		0,5131		35863	184
2017	5	11001	1100106	1	13	11		0,873		69756	609
2017	5	11001	1100113	1	13	11		0,5827		136273	794
2017	5	11001	1100118	1	13	11		0,8497		109096	927
2017	5	11001	1100116	1	13	11		0,7086		186288	1320
2017	5	11001	1100104	1	13	11		1,2523		77535	971
2017	5	11001	1100115	1	13	11		1,3192		59658	787
2017	5	11001	1100112	1	13	11		0,4298		126095	542
2017	5	11001	1100119	1	13	11		0,9561		115987	1109
2017	5	76001	7600101	1	13	11		0,6916		6651	46
2017	5	76001	7600102	1	13	11		0,3254		65459	213
2017	5	76001	7600103	1	13	11		0,5739		44430	255
2017	5	76001	7600104	1	13	11		0,1761		21576	38
2017	5	76001	7600105	1	13	11		0,233		24467	57
2017	5	76001	7600106	1	13	11		0,2529		13842	35
2017	5	76001	7600107	1	13	11		0,4847		8871	43
2017	5	76001	7600108	1	13	11		0,3433		25339	87
2017	5	76001	7600109	1	13	11		0,4181		22482	94
2017	5	76001	7600110	1	13	11		0,4694		23647	111
2017	5	76001	7600111	1	13	11		0,5952		12600	75
2017	5	76001	7600112	1	13	11		0,2731		4028	11
2017	5	76001	7600113	1	13	11		0,7469		15397	115
2017	5	76001	7600114	1	13	11		0,668		15719	105
2017	5	76001	7600115	1	13	11		0,5997		7504	45
2017	5	76001	7600116	1	13	11		0,6471		11745	76
2017	5	76001	7600117	1	13	11		0,5392		55823	301
2017	5	76001	7600118	1	13	11		0,839		17639	148
2017	5	76001	7600119	1	13	11		0,7999		55758	446
2017	5	76001	7600120	1	13	11		0,4786		3761	18
2017	5	25799		1	13		11	1,6903		6922	117
2017	5	25286		1	13		11	1,6118		35241	568
2017	5	25473		1	13		11	1,0676		39717	424
2017	5	25175		1	13		11	0,6423		63984	411
2017	5	25758		1	13		11	1,0548		17444	184
2017	5	25307		1	13		11	0,6128		39492	242
2017	5	25377		1	13		11	0,6917		13011	90
2017	5	25430		1	13		11	1,5085		34074	514
2017	5	25214		1	13		11	1,117		25963	290
2017	5	5001	500116	1	13	11		0,7834		60248	472
2017	5	5001	500101	1	13	11		1,5506		4579	71
2017	5	5001	500107	1	13	11		1,4553		31265	455
2017	5	5001	500104	1	13	11		1,3298		21281	283
2017	5	5001	500105	1	13	11		1,585		33059	524
2017	5	5001	500115	1	13	11		0,6364		37239	237
2017	5	5001	500103	1	13	11		1,306		10337	135
2017	5	5001	500114	1	13	11		0,5605		91355	512
2017	5	5001	500112	1	13	11		0,6799		24563	167
2017	5	5001	500113	1	13	11		1,0661		20542	219
2017	5	41001		1	13	11		0,4341		131315	570
2017	5	17001		1	13	11		0,4471		169527	758
2017	5	52001		1	13	11		0,7126		115920	826
2017	5	63001		1	13	11		0,5649		108342	612
2017	5	5001		1	13	11		0,9206		646838	5955
2017	5	8001		1	13	11		0,4396		276140	1214
2017	5	47001		1	13	11		0,5317		86510	460
2017	5	66001		1	13	11		0,3796		202058	767
2017	5	68001		1	13	11		0,6086		160701	978
2017	5	11001		1	13	11		0,8306		3136560	26053
2017	5	76001		1	13	11		0,5195		494686	2570
2017	5	54001		1	13	11		0,7557		226942	1715
2017	5	25817		1	13		11	0,6731		14560	98
2017	5	25754		1	13		11	0,9315		144169	1343
2017	5	25290		1	13		11	1,0567		52997	560
2017	5	66170		1	13		11	0,4718		65288	308
2017	5	25126		1	13		11	1,128		32270	364
2017	5	25899		1	13		11	0,9637		48666	469
2017	5	25269		1	13		11	0,732		51230	375
2017	5	85410		1	13		18	1,1923		8974	107
2017	5	95001		2	13		18	0,2688		14879	40
2017	5	97001		2	13		19		0,289		
2017	5	44847		1	13		19	0,1775		5070	9



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	50006		1	13		19	1,274		32889	419
2017	5	54874		1	13		19	1,1154		16048	179
2017	5	50568		1	13		19	0,8392		10963	92
2017	5	73268		1	13		19	0,3778		25674	97
2017	5	94001		2	13		19			2,9994	
2017	5	91001		2	13		19			4,3026	
2017	5	41551		1	13		19	0,6761		44818	303
2017	5	73449		1	13		19	0,7038		21881	154
2017	5	54498		1	13		19	0,6001		22330	134
2017	5	88001		2	13		19	0,3108		9009	28
2017	5	44430		1	13		19	0,3436		12515	43
2017	5	54405		1	13		19	0,3912		22495	88
2017	5	17380		1	13		19	0,7935		23567	187
2017	5	44560		1	13		19	0,5766		2081	12
2017	5	52835		1	13		20	0,5552		24856	138
2017	5	20011		1	13		20	0,2699		16303	44
2017	5	20400		1	13		20	0,2229		11218	25
2017	5	52356		1	13		20	0,7804		15504	121
2017	5	76147		1	15		10	0,21		37613	79
2017	5	8758		1	15		10	0,4712		48173	227
2017	5	76520		1	15		10	0,6771		60550	410
2017	5	76892		1	15		10	0,2601		47286	123
2017	5	5212		1	15		10	1,012		16898	171
2017	5	76130		1	15		10	0,6924		16753	116
2017	5	76364		1	15		10	0,5499		24370	134
2017	5	5045		1	15		10	0,6483		38870	252
2017	5	5631		1	15		10	0,7797		27830	217
2017	5	68679		1	15		10	0,446		17939	80
2017	5	25214		1	15		10	0,8615		33548	289
2017	5	50001	5000101	1	15		10	0,4755		20610	98
2017	5	50001	5000102	1	15		10	0,9997		67620	676
2017	5	50001	5000103	1	15		10	0,2525		27723	70
2017	5	50001	5000104	1	15		10	0,7457		24406	182
2017	5	50001	5000105	1	15		10	0,3312		49520	164
2017	5	50001	5000106	1	15		10	0,1745		12036	21
2017	5	50001	5000107	1	15		10	0,8275		40482	335
2017	5	50001	5000108	1	15		10	0,5416		18647	101
2017	5	73001	7300101	1	15		10	0,2458		36203	89
2017	5	73001	7300102	1	15		10	0,6716		3276	22
2017	5	73001	7300103	1	15		10	0,5093		12567	64
2017	5	73001	7300104	1	15		10	0,3597		15847	57
2017	5	73001	7300105	1	15		10	0,7725		16052	124
2017	5	73001	7300106	1	15		10	0,6485		7247	47
2017	5	73001	7300107	1	15		10	3,0565		13741	420
2017	5	73001	7300108	1	15		10	1,7305		13349	231
2017	5	73001	7300109	1	15		10	1,9762		29147	576
2017	5	73001	7300110	1	15		10	0,6063		27876	169
2017	5	73001	7300111	1	15		10	0,2138		4677	10
2017	5	73001	7300112	1	15		10	0,2814		7817	22
2017	5	73001	7300113	1	15		10	0,5404		4441	24
2017	5	13001	1300102	1	15		10	0,6074		54499	331
2017	5	13001	1300103	1	15		10	0,7436		67917	505
2017	5	13001	1300101	1	15		10	0,501		120755	605
2017	5	50001		1	15		10	0,6757		288873	1952
2017	5	20001		1	15		10	0,2633		92304	243
2017	5	27001		2	15		10	0,8738		66723	583
2017	5	41001		1	15		10	0,2626		139735	367
2017	5	70001		1	15		10	0,523		72653	380
2017	5	17001		1	15		10	0,4227		175283	741
2017	5	52001		1	15		10	0,5818		117918	686
2017	5	73001		1	15		10	0,9665		195656	1891
2017	5	13001		1	15		10	0,5926		243171	1441
2017	5	23001		1	15		10	0,676		167603	1133
2017	5	63001		1	15		10	0,6016		114864	691
2017	5	85001		1	15		10	0,526		124145	653
2017	5	86001		2	15		10	0,4189		21962	92
2017	5	47001		1	15		10	0,5319		85172	453
2017	5	66001		1	15		10	0,3445		208981	720
2017	5	68001		1	15		10	0,5968		173591	1036
2017	5	88001		2	15		10	0,5027		9151	46
2017	5	11001		1	15		10	0,7373		3425805	25258
2017	5	54001		1	15		10	0,7302		237744	1736
2017	5	68307		1	15		10	0,3737		31311	117
2017	5	15491		1	15		10	0,6099		5575	34
2017	5	25817		1	15		10	0,6338		14674	93
2017	5	5380		1	15		10	0,7559		17594	133
2017	5	5607		1	15		10	0,2039		7846	16
2017	5	68276		1	15		10	0,7962		50114	399
2017	5	25754		1	15		10	1,5155		131110	1987



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5318		1	15		10	0,6204		14184	88
2017	5	25290		1	15		10	0,9347		54030	505
2017	5	25126		1	15		10	1,062		32299	343
2017	5	5266		1	15		10	0,8864		59907	531
2017	5	25899		1	15		10	0,9711		46751	454
2017	5	25269		1	15		10	0,8016		50898	408
2017	5	76834		1	15		10	0,4494		33381	150
2017	5	76109		1	15		10	0,3894		56493	220
2017	5	68547		1	15		10	1,1594		25100	291
2017	5	15759		1	15		10	0,5265		75213	396
2017	5	54001	5400106	1	15	10		0,9682		24686	239
2017	5	54001	5400101	1	15	10		0,3833		62349	239
2017	5	54001	5400104	1	15	10		1,6458		13003	214
2017	5	54001	5400110	1	15	10		1,0502		9141	96
2017	5	54001	5400108	1	15	10		0,5436		20788	113
2017	5	54001	5400105	1	15	10		0,646		31267	202
2017	5	54001	5400103	1	15	10		1,3585		11115	151
2017	5	54001	5400107	1	15	10		0,5923		18065	107
2017	5	54001	5400109	1	15	10		0,9734		13971	136
2017	5	54001	5400102	1	15	10		0,5902		29992	177
2017	5	97001		2	15	10			0,3953		
2017	5	68001	6800111	1	15	10		0,3011		4650	14
2017	5	68001	6800117	1	15	10		0,9539		3145	30
2017	5	68001	6800101	1	15	10		0,653		6432	42
2017	5	68001	6800115	1	15	10		0,5453		17423	95
2017	5	68001	6800113	1	15	10		0,6347		31510	200
2017	5	68001	6800110	1	15	10		0,8253		9088	75
2017	5	68001	6800104	1	15	10		0,3995		14770	59
2017	5	68001	6800107	1	15	10		0,6687		2991	20
2017	5	68001	6800106	1	15	10		0,6399		12971	83
2017	5	68001	6800105	1	15	10		0,7909		8092	64
2017	5	68001	6800103	1	15	10		0,4212		18995	80
2017	5	68001	6800108	1	15	10		0,6721		2678	18
2017	5	68001	6800116	1	15	10		1,2783		6415	82
2017	5	68001	6800112	1	15	10		0,4585		32282	148
2017	5	11001	1100107	1	15	10		1,0588		141768	1501
2017	5	11001	1100111	1	15	10		0,9399		381525	3586
2017	5	11001	1100105	1	15	10		0,9394		63341	595
2017	5	11001	1100108	1	15	10		0,7905		357641	2827
2017	5	11001	1100101	1	15	10		0,715		333585	2385
2017	5	11001	1100110	1	15	10		0,5889		289716	1706
2017	5	11001	1100109	1	15	10		0,652		236027	1539
2017	5	11001	1100114	1	15	10		0,5056		136072	688
2017	5	11001	1100103	1	15	10		0,4287		134820	578
2017	5	11001	1100102	1	15	10		0,5625		307205	1728
2017	5	11001	1100117	1	15	10		0,5535		55827	309
2017	5	11001	1100106	1	15	10		0,9287		67836	630
2017	5	11001	1100113	1	15	10		0,6219		204381	1271
2017	5	11001	1100118	1	15	10		0,7459		104305	778
2017	5	11001	1100116	1	15	10		0,6127		213635	1309
2017	5	11001	1100104	1	15	10		1,2593		78216	985
2017	5	11001	1100115	1	15	10		0,7842		56875	446
2017	5	11001	1100112	1	15	10		0,528		149039	787
2017	5	11001	1100119	1	15	10		1,4124		113991	1610
2017	5	5376		1	15		10	0,8769		15395	135
2017	5	15572		1	15		10	0,7781		14909	116
2017	5	5088		1	15		10	1,4584		63561	927
2017	5	5837		1	15		10	0,7072		25310	179
2017	5	25799		1	15		10	1,0795		9078	98
2017	5	5615		1	15		10	0,3698		70306	260
2017	5	5129		1	15		10	0,8876		17124	152
2017	5	25286		1	15		10	1,3788		40252	555
2017	5	25473		1	15		10	1,055		40759	430
2017	5	5308		1	15		10	0,4273		15212	65
2017	5	8573		1	15		10	0,2433		13566	33
2017	5	25175		1	15		10	0,6102		65550	400
2017	5	5360		1	15		10	0,7925		61452	487
2017	5	25758		1	15		10	1,1274		17030	192
2017	5	25307		1	15		10	0,6082		39955	243
2017	5	25377		1	15		10	0,777		12741	99
2017	5	68081		1	15		10	0,4457		65736	293
2017	5	15238		1	15		10	0,3003		75922	228
2017	5	25430		1	15		10	1,2085		33594	406
2017	5	76111		1	15		10	0,3519		18188	64
2017	5	76001	7600121	1	15	11		0,5228		4399	23
2017	5	76001	7600122	1	15	11		0,8754		23189	203
2017	5	5001	500102	1	15	11		1,9095		15816	302
2017	5	5001	500109	1	15	11		1,1575		18920	219
2017	5	5001	500110	1	15	11		0,7051		171315	1208



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500108	1	15		11	1,1077		14896	165
2017	5	5001	500106	1	15		11	1,2181		14038	171
2017	5	5001	500111	1	15		11	0,7299		67959	496
2017	5	8001	800105	1	15		11	0,3593		38685	139
2017	5	8001	800103	1	15		11	0,4697		42790	201
2017	5	8001	800102	1	15		11	0,5289		18907	100
2017	5	8001	800101	1	15		11	0,6487		35300	229
2017	5	8001	800104	1	15		11	0,3434		145007	498
2017	5	76001	7600101	1	15		11	0,3719		5647	21
2017	5	76001	7600102	1	15		11	0,2066		87614	181
2017	5	76001	7600103	1	15		11	0,4226		61761	261
2017	5	76001	7600104	1	15		11	0,1457		23335	34
2017	5	76001	7600105	1	15		11	0,228		21490	49
2017	5	76001	7600106	1	15		11	0,2709		12552	34
2017	5	76001	7600107	1	15		11	0,3743		8549	32
2017	5	76001	7600108	1	15		11	0,2272		25529	58
2017	5	76001	7600109	1	15		11	0,346		21385	74
2017	5	76001	7600110	1	15		11	0,4198		20248	85
2017	5	76001	7600111	1	15		11	0,7177		11564	83
2017	5	76001	7600112	1	15		11	0,3557		3936	14
2017	5	76001	7600113	1	15		11	0,5706		15423	88
2017	5	76001	7600114	1	15		11	0,6562		14935	98
2017	5	76001	7600115	1	15		11	0,855		7602	65
2017	5	76001	7600116	1	15		11	0,5137		10901	56
2017	5	76001	7600117	1	15		11	0,5392		50630	273
2017	5	76001	7600118	1	15		11	0,6152		16906	104
2017	5	76001	7600119	1	15		11	0,553		58954	326
2017	5	76001	7600120	1	15		11	0,6164		3569	22
2017	5	5001	500116	1	15		11	0,7848		55680	437
2017	5	5001	500101	1	15		11	1,3164		4482	59
2017	5	5001	500107	1	15		11	1,3938		31137	434
2017	5	5001	500104	1	15		11	1,5509		21343	331
2017	5	5001	500105	1	15		11	1,4521		34434	500
2017	5	5001	500115	1	15		11	0,5006		45941	230
2017	5	5001	500103	1	15		11	1,4838		9435	140
2017	5	5001	500114	1	15		11	0,4544		120390	547
2017	5	5001	500112	1	15		11	0,6032		22713	137
2017	5	5001	500113	1	15		11	0,8797		18187	160
2017	5	5001		1	15		11	0,8401		687517	5776
2017	5	8001		1	15		11	0,4195		283203	1188
2017	5	76001		1	15		11	0,4354		521632	2271
2017	5	15001		1	15		18	0,5503		127209	700
2017	5	81001		1	15		18	0,5282		20070	106
2017	5	19001		1	15		18	0,43		127218	547
2017	5	94001		2	15		18		1,0911		
2017	5	91001		2	15		18		3,664		
2017	5	85410		1	15		18	1,2218		9740	119
2017	5	18001		1	15		18	0,4774		90707	433
2017	5	95001		2	15		19	0,2553		14101	36
2017	5	44430		1	15		19	0,315		11112	35
2017	5	54405		1	15		19	0,3083		20112	62
2017	5	17380		1	15		19	1,0905		23933	261
2017	5	20011		1	15		19	0,415		17350	72
2017	5	44560		1	15		19	0,4151		2168	9
2017	5	66170		1	15		19	0,5268		57518	303
2017	5	20400		1	15		19	0,5506		12714	70
2017	5	54498		1	15		19	0,7297		23433	171
2017	5	52835		1	15		19	0,5405		23681	128
2017	5	73449		1	15		19	0,7312		18600	136
2017	5	41551		1	15		19	0,9239		43730	404
2017	5	44001		1	15		19	0,7222		22017	159
2017	5	50568		1	15		19	1,1157		11562	129
2017	5	54874		1	15		19	1,2939		14839	192
2017	5	52356		1	15		19	0,9401		15956	150
2017	5	50006		1	15		19	1,288		28417	366
2017	5	44847		1	15		19	0,1988		5533	11
2017	5	73268		1	15		19	0,5578		23306	130
2017	5	99001		2	15		19		3,3439		
2017	5	81001		1	16		9	0,2351		21695	51
2017	5	54001	5400106	1	16		10	0,779		25417	198
2017	5	76364		1	16		10	0,6622		24615	163
2017	5	54001	5400104	1	16		10	1,0689		12817	137
2017	5	54001	5400110	1	16		10	1,2139		9144	111
2017	5	54001	5400108	1	16		10	0,5815		19434	113
2017	5	54001	5400105	1	16		10	0,5233		28855	151
2017	5	54001	5400103	1	16		10	1,3369		11145	149
2017	5	54001	5400107	1	16		10	0,4525		17016	77
2017	5	54001	5400109	1	16		10	0,6918		13155	91
2017	5	54001	5400102	1	16		10	0,6959		29460	205



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	99001		2	16	10			2,5123		
2017	5	8001	800105	1	16	10		0,3385		39588	134
2017	5	8001	800103	1	16	10		0,5659		42767	242
2017	5	8001	800102	1	16	10		0,6151		18372	113
2017	5	8001	800101	1	16	10		0,8626		34431	297
2017	5	8001	800104	1	16	10		0,4228		149237	631
2017	5	68001	6800111	1	16	10		0,3591		4456	16
2017	5	68001	6800117	1	16	10		1,1707		3075	36
2017	5	68001	6800101	1	16	10		0,4791		6053	29
2017	5	68001	6800115	1	16	10		0,5201		15958	83
2017	5	68001	6800113	1	16	10		0,7189		34913	251
2017	5	68001	6800110	1	16	10		0,787		8767	69
2017	5	68001	6800104	1	16	10		0,5644		14528	82
2017	5	68001	6800107	1	16	10		0,3826		2875	11
2017	5	68001	6800106	1	16	10		0,5443		12676	69
2017	5	68001	6800105	1	16	10		1,1479		7753	89
2017	5	68001	6800103	1	16	10		0,5117		18958	97
2017	5	68001	6800108	1	16	10		0,8368		2629	22
2017	5	68001	6800116	1	16	10		2,056		6566	135
2017	5	68001	6800112	1	16	10		0,4792		33809	162
2017	5	76111		1	16		10	0,348		18102	63
2017	5	50001	5000101	1	16	10		0,5494		19657	108
2017	5	50001	5000102	1	16	10		0,7058		67721	478
2017	5	50001	5000103	1	16	10		0,2097		26710	56
2017	5	50001	5000104	1	16	10		0,4352		22059	96
2017	5	50001	5000105	1	16	10		0,3254		48246	157
2017	5	50001	5000106	1	16	10		0,1429		11893	17
2017	5	50001	5000107	1	16	10		0,7816		38001	297
2017	5	50001	5000108	1	16	10		0,4429		18061	80
2017	5	13001	1300102	1	16	10		0,8549		53105	454
2017	5	13001	1300103	1	16	10		0,6829		66188	452
2017	5	13001	1300101	1	16	10		0,456		120609	550
2017	5	50001		1	16	10		0,5617		280058	1573
2017	5	20001		1	16	10		0,2294		98069	225
2017	5	41001		1	16	10		0,2757		139655	385
2017	5	70001		1	16	10		0,5132		77948	400
2017	5	13001		1	16	10		0,6069		239902	1456
2017	5	23001		1	16	10		0,5433		171161	930
2017	5	63001		1	16	10		0,6251		114380	715
2017	5	86001		2	16	10		0,4987		22056	110
2017	5	8001		1	16	10		0,5002		285711	1429
2017	5	68001		1	16	10		0,673		175045	1178
2017	5	54001		1	16	10		0,6995		233897	1636
2017	5	76834		1	16		10	0,6512		32553	212
2017	5	76109		1	16		10	0,4499		43341	195
2017	5	76147		1	16		10	0,3075		36747	113
2017	5	76520		1	16		10	0,475		60843	289
2017	5	76892		1	16		10	0,2808		49150	138
2017	5	76130		1	16		10	0,6522		16406	107
2017	5	54001	5400101	1	16	10		0,5303		64489	342
2017	5	5001	500105	1	16	11		1,6809		32781	551
2017	5	5001	500115	1	16	11		0,6196		46644	289
2017	5	5001	500103	1	16	11		1,8062		8637	156
2017	5	5001	500114	1	16	11		0,5377		123108	662
2017	5	5001	500112	1	16	11		0,7274		23232	169
2017	5	5001	500113	1	16	11		1,1942		18003	215
2017	5	17001		1	16	11		0,4127		177381	732
2017	5	52001		1	16	11		0,7382		118940	878
2017	5	73001		1	16	11		0,6294		190503	1199
2017	5	5001		1	16	11		1,0514		698846	7348
2017	5	66001		1	16	11		0,3238		219280	710
2017	5	11001		1	16	11		0,7436		3581153	26629
2017	5	76001		1	16	11		0,4418		533019	2355
2017	5	76001	7600121	1	16	11		0,4118		4371	18
2017	5	76001	7600122	1	16	11		0,5075		25222	128
2017	5	5001	500102	1	16	11		1,7705		14233	252
2017	5	5001	500109	1	16	11		1,2972		17653	229
2017	5	5001	500110	1	16	11		0,9401		184879	1738
2017	5	5001	500108	1	16	11		1,5552		15111	235
2017	5	5001	500106	1	16	11		1,7035		13560	231
2017	5	5001	500111	1	16	11		0,8583		70141	602
2017	5	11001	1100107	1	16	11		0,8804		134140	1181
2017	5	11001	1100111	1	16	11		0,8549		377821	3230
2017	5	11001	1100105	1	16	11		0,9189		62249	572
2017	5	11001	1100108	1	16	11		0,915		356297	3260
2017	5	11001	1100101	1	16	11		0,6935		342019	2372
2017	5	11001	1100110	1	16	11		0,5967		295638	1764
2017	5	11001	1100109	1	16	11		0,7119		243580	1734
2017	5	11001	1100114	1	16	11		0,5288		156963	830



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001	1100103	1	16		11	0,7674		177862	1365
2017	5	11001	1100102	1	16		11	0,4952		334178	1655
2017	5	11001	1100117	1	16		11	0,5296		69485	368
2017	5	11001	1100106	1	16		11	0,76		66978	509
2017	5	11001	1100113	1	16		11	0,7829		238716	1869
2017	5	11001	1100118	1	16		11	0,7712		102828	793
2017	5	11001	1100116	1	16		11	0,722		220076	1589
2017	5	11001	1100104	1	16		11	1,2213		75819	926
2017	5	11001	1100115	1	16		11	1,0742		60978	655
2017	5	11001	1100112	1	16		11	0,5931		157321	933
2017	5	11001	1100119	1	16		11	0,9464		108205	1024
2017	5	76001	7600101	1	16		11	0,365		5753	21
2017	5	76001	7600102	1	16		11	0,2958		85195	252
2017	5	76001	7600103	1	16		11	0,379		63326	240
2017	5	76001	7600104	1	16		11	0,1528		23566	36
2017	5	76001	7600105	1	16		11	0,2901		21716	63
2017	5	76001	7600106	1	16		11	0,2461		13005	32
2017	5	76001	7600107	1	16		11	0,3467		8652	30
2017	5	76001	7600108	1	16		11	0,3031		27057	82
2017	5	76001	7600109	1	16		11	0,3234		23191	75
2017	5	76001	7600110	1	16		11	0,5022		21108	106
2017	5	76001	7600111	1	16		11	0,5791		11570	67
2017	5	76001	7600112	1	16		11	0,3631		3856	14
2017	5	76001	7600113	1	16		11	0,471		14862	70
2017	5	76001	7600114	1	16		11	0,6502		14919	97
2017	5	76001	7600115	1	16		11	0,7089		7476	53
2017	5	76001	7600116	1	16		11	0,3543		10725	38
2017	5	76001	7600117	1	16		11	0,4539		52213	237
2017	5	76001	7600118	1	16		11	0,5933		16686	99
2017	5	76001	7600119	1	16		11	0,7887		63267	499
2017	5	76001	7600120	1	16		11	0,43		3721	16
2017	5	73001	7300101	1	16		11	0,2492		38128	95
2017	5	73001	7300102	1	16		11	0,2978		3358	10
2017	5	73001	7300103	1	16		11	0,5819		11343	66
2017	5	73001	7300104	1	16		11	0,3213		15249	49
2017	5	73001	7300105	1	16		11	0,4537		15648	71
2017	5	73001	7300106	1	16		11	0,3939		7109	28
2017	5	73001	7300107	1	16		11	0,9035		13392	121
2017	5	73001	7300108	1	16		11	0,8337		11155	93
2017	5	73001	7300109	1	16		11	1,7153		27692	475
2017	5	73001	7300110	1	16		11	0,3711		27752	103
2017	5	73001	7300111	1	16		11	0,2453		4891	12
2017	5	73001	7300112	1	16		11	0,267		7490	20
2017	5	73001	7300113	1	16		11	0,5013		3990	20
2017	5	5001	500116	1	16		11	0,9265		56232	521
2017	5	5001	500101	1	16		11	1,9155		4072	78
2017	5	5001	500107	1	16		11	2,2446		31453	706
2017	5	5001	500104	1	16		11	1,5892		21395	340
2017	5	47001		1	16		17	0,5946		86784	516
2017	5	85001		1	16		17	0,5221		126226	659
2017	5	97001		2	16		18		0,1143		
2017	5	15572		1	16		18	0,6802		16906	115
2017	5	25799		1	16		18	0,9254		5727	53
2017	5	25286		1	16		18	1,8785		34708	652
2017	5	25473		1	16		18	1,6541		40929	677
2017	5	25175		1	16		18	0,7722		62417	482
2017	5	25758		1	16		18	1,4697		14289	210
2017	5	25307		1	16		18	0,6438		42407	273
2017	5	25377		1	16		18	0,5936		13309	79
2017	5	68081		1	16		18	0,4945		63707	315
2017	5	15238		1	16		18	0,3812		81855	312
2017	5	25430		1	16		18	1,1501		36171	416
2017	5	68679		1	16		18	0,3345		15544	52
2017	5	25214		1	16		18	0,8521		20537	175
2017	5	19001		1	16		18	0,4784		128351	614
2017	5	15001		1	16		18	0,519		139504	724
2017	5	68307		1	16		18	0,5983		24235	145
2017	5	15491		1	16		18	0,6932		4905	34
2017	5	25817		1	16		18	0,5741		14457	83
2017	5	68276		1	16		18	1,0897		52767	575
2017	5	25754		1	16		18	1,049		143474	1505
2017	5	25290		1	16		18	1,1192		53965	604
2017	5	25126		1	16		18	1,3595		32292	439
2017	5	25899		1	16		18	1,2523		53421	669
2017	5	25269		1	16		18	0,629		62000	390
2017	5	68547		1	16		18	1,2336		23833	294
2017	5	15759		1	16		18	0,4656		77106	359
2017	5	44001		1	16		19	0,4947		22843	113
2017	5	5212		1	16		19	1,2888		14354	185



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	8758		1	16		19	0,6358		46083	293
2017	5	41551		1	16		19	0,9761		42005	410
2017	5	5376		1	16		19	0,6359		14310	91
2017	5	44847		1	16		19	0,3011		5646	17
2017	5	5088		1	16		19	2,0106		74107	1490
2017	5	5837		1	16		19	1,0806		23414	253
2017	5	5615		1	16		19	0,5108		55987	286
2017	5	5129		1	16		19	0,8281		17390	144
2017	5	50006		1	16		19	1,1565		32945	381
2017	5	52356		1	16		19	0,8418		17581	148
2017	5	5308		1	16		19	1,1145		12651	141
2017	5	8573		1	16		19	0,791		11505	91
2017	5	85410		1	16		19	1,3142		8066	106
2017	5	54874		1	16		19	1,368		13962	191
2017	5	50568		1	16		19	1,0077		12405	125
2017	5	5360		1	16		19	1,2772		39776	508
2017	5	5045		1	16		19	0,7026		32026	225
2017	5	5631		1	16		19	0,9049		20775	188
2017	5	73268		1	16		19	0,5564		24083	134
2017	5	95001		2	16		19	0,2762		14480	40
2017	5	88001		2	16		19	0,424		8727	37
2017	5	5380		1	16		19	1,3614		11753	160
2017	5	5607		1	16		19	0,3997		6505	26
2017	5	44430		1	16		19	1,8034		11090	200
2017	5	54405		1	16		19	0,4316		20391	88
2017	5	17380		1	16		19	0,8744		25733	225
2017	5	5318		1	16		19	0,6905		12310	85
2017	5	20011		1	16		19	1,2185		17891	218
2017	5	44560		1	16		19	0,5427		2027	11
2017	5	66170		1	16		19	0,4968		58976	293
2017	5	5266		1	16		19	1,18		44914	530
2017	5	20400		1	16		19	0,3398		15301	52
2017	5	54498		1	16		19	0,755		22781	172
2017	5	52835		1	16		19	0,488		24794	121
2017	5	73449		1	16		19	0,654		19573	128
2017	5	18001		1	16		20	0,6694		66923	448
2017	5	27001		2	16		20	1,5159		45187	685
2017	5	91001		2	16		20		5,197		
2017	5	94001		2	16		20		4,5955		
2017	5	86001		2	17		9	0,472		21186	100
2017	5	76147		1	17		10	0,2934		36126	106
2017	5	8758		1	17		10	0,5125		49368	253
2017	5	76520		1	17		10	0,5112		60255	308
2017	5	76892		1	17		10	0,2595		49702	129
2017	5	76130		1	17		10	0,5472		16448	90
2017	5	76364		1	17		10	0,6339		24135	153
2017	5	54001	5400106	1	17		10	0,8462		25052	212
2017	5	54001	5400101	1	17		10	0,485		59994	291
2017	5	54001	5400104	1	17		10	0,9191		12294	113
2017	5	54001	5400110	1	17		10	1,2196		9019	110
2017	5	54001	5400108	1	17		10	0,6314		20748	131
2017	5	54001	5400105	1	17		10	0,6537		30138	197
2017	5	54001	5400103	1	17		10	1,3488		11047	149
2017	5	54001	5400107	1	17		10	0,4714		18456	87
2017	5	54001	5400109	1	17		10	0,6325		13280	84
2017	5	54001	5400102	1	17		10	0,8038		30728	247
2017	5	99001		2	17		10		2,1684		
2017	5	8001	800105	1	17		10	0,4519		40050	181
2017	5	8001	800103	1	17		10	0,5251		42280	222
2017	5	8001	800102	1	17		10	0,6757		18350	124
2017	5	8001	800101	1	17		10	0,8151		34352	280
2017	5	8001	800104	1	17		10	0,3116		147648	460
2017	5	68001	6800111	1	17		10	0,3994		4507	18
2017	5	68001	6800117	1	17		10	0,7439		3092	23
2017	5	68001	6800101	1	17		10	0,7268		5779	42
2017	5	68001	6800115	1	17		10	0,507		15976	81
2017	5	68001	6800113	1	17		10	0,6373		32479	207
2017	5	68001	6800110	1	17		10	0,7132		8834	63
2017	5	68001	6800104	1	17		10	0,5983		14708	88
2017	5	68001	6800107	1	17		10	0,4975		2814	14
2017	5	68001	6800106	1	17		10	0,6111		12764	78
2017	5	68001	6800105	1	17		10	0,9981		7815	78
2017	5	68001	6800103	1	17		10	0,5354		19052	102
2017	5	68001	6800108	1	17		10	0,702		2849	20
2017	5	68001	6800116	1	17		10	1,1356		6076	69
2017	5	68001	6800112	1	17		10	0,4433		31581	140
2017	5	8573		1	17		10	0,3471		14403	50
2017	5	68081		1	17		10	0,4603		67127	309
2017	5	76111		1	17		10	0,3688		18707	69





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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68679		1	17		10	0,3236		16997	55
2017	5	73001	7300101	1	17		10	0,1853		36691	68
2017	5	73001	7300102	1	17		10	0,2877		3128	9
2017	5	73001	7300103	1	17		10	0,3906		10754	42
2017	5	73001	7300104	1	17		10	0,3478		14949	52
2017	5	73001	7300105	1	17		10	0,4304		15103	65
2017	5	73001	7300106	1	17		10	0,4756		7359	35
2017	5	73001	7300107	1	17		10	0,9607		13636	131
2017	5	73001	7300108	1	17		10	0,8025		11713	94
2017	5	73001	7300109	1	17		10	2,0052		27628	554
2017	5	73001	7300110	1	17		10	0,4092		27128	111
2017	5	73001	7300111	1	17		10	0,1337		4486	6
2017	5	73001	7300112	1	17		10	0,8833		7132	63
2017	5	73001	7300113	1	17		10	0,7854		3947	31
2017	5	20001		1	17		10	0,2213		96235	213
2017	5	41001		1	17		10	0,3439		136391	469
2017	5	70001		1	17		10	0,4462		75525	337
2017	5	81001		1	17		10	0,3296		20630	68
2017	5	17001		1	17		10	0,3869		174706	676
2017	5	73001		1	17		10	0,6916		186802	1292
2017	5	23001		1	17		10	0,5864		175314	1028
2017	5	63001		1	17		10	0,5413		114168	618
2017	5	8001		1	17		10	0,4484		285461	1280
2017	5	66001		1	17		10	0,3538		209459	741
2017	5	68001		1	17		10	0,612		170260	1042
2017	5	54001		1	17		10	0,7227		233972	1691
2017	5	68307		1	17		10	0,4627		31337	145
2017	5	68276		1	17		10	1,0351		50722	525
2017	5	76834		1	17		10	0,4849		32788	159
2017	5	76109		1	17		10	0,6222		42589	265
2017	5	68547		1	17		10	1,0806		24616	266
2017	5	76001	7600121	1	17		11	0,171		4094	7
2017	5	76001		1	17		11	0,4411		526632	2323
2017	5	97001		2	17		11		0,3371		
2017	5	5001	500102	1	17		11	1,8508		14156	262
2017	5	5001	500109	1	17		11	1,3034		18183	237
2017	5	5001	500110	1	17		11	0,8866		179220	1589
2017	5	5001	500108	1	17		11	1,178		14941	176
2017	5	5001	500106	1	17		11	1,6146		13192	213
2017	5	5001	500111	1	17		11	0,7719		70085	541
2017	5	76001	7600101	1	17		11	0,6521		5521	36
2017	5	76001	7600102	1	17		11	0,2631		83612	220
2017	5	76001	7600103	1	17		11	0,3687		64013	236
2017	5	76001	7600104	1	17		11	0,1378		22490	31
2017	5	76001	7600105	1	17		11	0,1841		22273	41
2017	5	76001	7600106	1	17		11	0,4127		12599	52
2017	5	76001	7600107	1	17		11	0,3465		8659	30
2017	5	76001	7600108	1	17		11	0,1718		26186	45
2017	5	76001	7600109	1	17		11	0,3169		23035	73
2017	5	76001	7600110	1	17		11	0,6827		21093	144
2017	5	76001	7600111	1	17		11	0,5126		11314	58
2017	5	76001	7600112	1	17		11	0,2933		4091	12
2017	5	76001	7600113	1	17		11	0,6617		15264	101
2017	5	76001	7600114	1	17		11	0,5224		14931	78
2017	5	76001	7600115	1	17		11	0,6095		7383	45
2017	5	76001	7600116	1	17		11	0,5639		9577	54
2017	5	76001	7600117	1	17		11	0,5		51600	258
2017	5	76001	7600118	1	17		11	0,5259		16732	88
2017	5	76001	7600119	1	17		11	0,6064		63650	386
2017	5	76001	7600120	1	17		11	0,3241		3702	12
2017	5	50001	5000101	1	17		11	0,5381		20257	109
2017	5	50001	5000102	1	17		11	0,472		64836	306
2017	5	50001	5000103	1	17		11	0,1607		26762	43
2017	5	50001	5000104	1	17		11	0,3959		22984	91
2017	5	50001	5000105	1	17		11	0,4083		47759	195
2017	5	50001	5000106	1	17		11	0,1524		11152	17
2017	5	50001	5000107	1	17		11	0,8155		38873	317
2017	5	50001	5000108	1	17		11	0,4043		20282	82
2017	5	13001	1300102	1	17		11	0,6806		59650	406
2017	5	13001	1300103	1	17		11	0,9513		85149	810
2017	5	13001	1300101	1	17		11	0,541		137897	746
2017	5	5001	500116	1	17		11	0,8122		57374	466
2017	5	5001	500101	1	17		11	1,2591		3971	50
2017	5	5001	500107	1	17		11	1,5059		31543	475
2017	5	5001	500104	1	17		11	1,6206		21227	344
2017	5	5001	500105	1	17		11	1,5326		33863	519
2017	5	5001	500115	1	17		11	0,4616		46578	215
2017	5	5001	500103	1	17		11	1,3717		9040	124
2017	5	5001	500114	1	17		11	0,5251		122259	642



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500112	1	17		11	0,6451		23561	152
2017	5	5001	500113	1	17		11	0,9915		17952	178
2017	5	50001		1	17		11	0,5156		280242	1445
2017	5	52001		1	17		11	0,6276		115674	726
2017	5	13001		1	17		11	0,694		282696	1962
2017	5	5001		1	17		11	0,9422		698131	6578
2017	5	47001		1	17		11	0,9875		90534	894
2017	5	76001	7600122	1	17		11	0,7038		24295	171
2017	5	11001	1100107	1	17		12	0,8926		139922	1249
2017	5	11001		1	17		12	0,779		3597867	28029
2017	5	11001	1100105	1	17		12	0,8742		62571	547
2017	5	11001	1100108	1	17		12	0,9937		357236	3550
2017	5	11001	1100101	1	17		12	0,725		340707	2470
2017	5	11001	1100110	1	17		12	0,6387		296679	1895
2017	5	11001	1100109	1	17		12	0,9268		234903	2177
2017	5	11001	1100114	1	17		12	0,6049		158876	961
2017	5	11001	1100103	1	17		12	0,5928		171065	1014
2017	5	11001	1100102	1	17		12	0,6006		350671	2106
2017	5	11001	1100117	1	17		12	0,6866		77771	534
2017	5	11001	1100106	1	17		12	0,9966		68229	680
2017	5	11001	1100113	1	17		12	0,6092		222082	1353
2017	5	11001	1100118	1	17		12	0,8077		105730	854
2017	5	11001	1100116	1	17		12	0,5729		218030	1249
2017	5	11001	1100104	1	17		12	1,2651		78175	989
2017	5	11001	1100115	1	17		12	0,8341		62825	524
2017	5	11001	1100112	1	17		12	0,7553		163502	1235
2017	5	11001	1100119	1	17		12	1,0079		113608	1145
2017	5	11001	1100111	1	17		12	0,9318		375285	3497
2017	5	15572		1	17		18	0,886		16592	147
2017	5	25799		1	17		18	1,2795		6018	77
2017	5	25286		1	17		18	2,1075		32219	679
2017	5	25473		1	17		18	1,2358		39409	487
2017	5	25175		1	17		18	0,7617		61705	470
2017	5	25758		1	17		18	1,1479		13939	160
2017	5	25307		1	17		18	0,5843		41246	241
2017	5	25377		1	17		18	0,6899		12610	87
2017	5	15238		1	17		18	0,3938		75174	296
2017	5	25430		1	17		18	1,424		34692	494
2017	5	25214		1	17		18	1,1068		21594	239
2017	5	19001		1	17		18	0,4279		129927	556
2017	5	15001		1	17		18	0,541		134943	730
2017	5	44001		1	17		18	0,5017		25114	126
2017	5	85001		1	17		18	0,6472		125772	814
2017	5	15491		1	17		18	0,9882		4756	47
2017	5	25817		1	17		18	0,5476		14243	78
2017	5	25754		1	17		18	1,2575		139956	1760
2017	5	25290		1	17		18	1,1363		54916	624
2017	5	25126		1	17		18	1,3483		30928	417
2017	5	25899		1	17		18	1,2418		52102	647
2017	5	25269		1	17		18	0,6094		59078	360
2017	5	15759		1	17		18	0,5593		75278	421
2017	5	94001		2	17		19		5,9444		
2017	5	73268		1	17		19	0,6078		24350	148
2017	5	5376		1	17		19	0,9691		14343	139
2017	5	44847		1	17		19	0,499		5611	28
2017	5	5088		1	17		19	2,4469		67023	1640
2017	5	5837		1	17		19	1,0466		23505	246
2017	5	5615		1	17		19	0,5601		56774	318
2017	5	5129		1	17		19	0,8054		16637	134
2017	5	50006		1	17		19	1,1334		32204	365
2017	5	91001		2	17		19		4,862		
2017	5	5212		1	17		19	1,322		14297	189
2017	5	5308		1	17		19	0,7678		11982	92
2017	5	85410		1	17		19	1,5346		8406	129
2017	5	54874		1	17		19	1,4694		13951	205
2017	5	50568		1	17		19	1,2243		13232	162
2017	5	5360		1	17		19	1,2876		38521	496
2017	5	5045		1	17		19	0,8767		32737	287
2017	5	5631		1	17		19	1,0836		19841	215
2017	5	27001		2	17		19	1,5204		52814	803
2017	5	18001		1	17		19	0,5688		77175	439
2017	5	95001		2	17		19	0,4494		14020	63
2017	5	88001		2	17		19	0,3842		8589	33
2017	5	5380		1	17		19	1,135		11101	126
2017	5	5607		1	17		19	0,3462		6355	22
2017	5	44430		1	17		19	0,4682		11960	56
2017	5	54405		1	17		19	0,4617		21876	101
2017	5	17380		1	17		19	0,7986		24669	197
2017	5	5318		1	17		19	0,6244		12492	78



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	20011		1	17		19	0,3618		19070	69
2017	5	44560		1	17		19	0,8389		2265	19
2017	5	66170		1	17		19	0,5327		58567	312
2017	5	5266		1	17		19	1,0903		45310	494
2017	5	20400		1	17		19	0,4066		14758	60
2017	5	54498		1	17		19	0,8415		23887	201
2017	5	73449		1	17		19	0,6451		18912	122
2017	5	41551		1	17		19	0,9681		43074	417
2017	5	52835		1	17		20	0,5792		20719	120
2017	5	52356		1	17		20	1,0501		14285	150
2017	5	99001		2	18	9			1,1963		
2017	5	68081		1	18		9	0,4975		64320	320
2017	5	68679		1	18		9	0,3128		17265	54
2017	5	70001		1	18	9		0,2879		75367	217
2017	5	68547		1	18		9	0,9582		25151	241
2017	5	23001		1	18	9		0,5467		171932	940
2017	5	85001		1	18	9		0,5516		120924	667
2017	5	68307		1	18		9	0,8406		34143	287
2017	5	68276		1	18		9	0,8868		50296	446
2017	5	81001		1	18	9		0,2423		21873	53
2017	5	54001	5400106	1	18	10		0,8393		25856	217
2017	5	54001	5400101	1	18	10		0,3925		59364	233
2017	5	54001	5400104	1	18	10		1,1957		13214	158
2017	5	54001	5400110	1	18	10		1,7882		8500	152
2017	5	54001	5400108	1	18	10		0,9335		20567	192
2017	5	54001	5400105	1	18	10		0,5394		30405	164
2017	5	54001	5400103	1	18	10		1,5046		11299	170
2017	5	54001	5400107	1	18	10		0,7064		17978	127
2017	5	54001	5400109	1	18	10		0,7685		13403	103
2017	5	54001	5400102	1	18	10		0,7415		31422	233
2017	5	8001	800105	1	18	10		0,3345		39456	132
2017	5	8001	800103	1	18	10		0,6034		46239	279
2017	5	8001	800102	1	18	10		0,64		17969	115
2017	5	8001	800101	1	18	10		1,0093		33984	343
2017	5	8001	800104	1	18	10		0,4694		140593	660
2017	5	68001	6800111	1	18	10		0,4475		4693	21
2017	5	68001	6800117	1	18	10		0,7392		2841	21
2017	5	68001	6800101	1	18	10		0,7203		5831	42
2017	5	68001	6800115	1	18	10		0,6351		15904	101
2017	5	68001	6800113	1	18	10		0,7831		31669	248
2017	5	68001	6800110	1	18	10		0,7745		8393	65
2017	5	68001	6800104	1	18	10		0,5911		14888	88
2017	5	68001	6800107	1	18	10		0,5395		4819	26
2017	5	68001	6800106	1	18	10		0,5118		12700	65
2017	5	68001	6800105	1	18	10		0,8448		7694	65
2017	5	68001	6800103	1	18	10		0,542		18636	101
2017	5	68001	6800108	1	18	10		0,814		2580	21
2017	5	68001	6800116	1	18	10		1,4792		6152	91
2017	5	68001	6800112	1	18	10		0,5664		31778	180
2017	5	11001	1100107	1	18	10		1,0132		132258	1340
2017	5	11001	1100111	1	18	10		0,871		380014	3310
2017	5	11001	1100105	1	18	10		0,8035		60233	484
2017	5	11001	1100108	1	18	10		1,1066		360667	3991
2017	5	11001	1100101	1	18	10		0,784		336083	2635
2017	5	11001	1100110	1	18	10		0,593		293274	1739
2017	5	11001	1100109	1	18	10		0,7017		234302	1644
2017	5	11001	1100114	1	18	10		0,4809		143276	689
2017	5	11001	1100103	1	18	10		0,543		143275	778
2017	5	11001	1100102	1	18	10		0,5572		315305	1757
2017	5	11001	1100117	1	18	10		0,6716		60754	408
2017	5	11001	1100106	1	18	10		0,9665		66630	644
2017	5	11001	1100113	1	18	10		0,5489		206035	1131
2017	5	11001	1100118	1	18	10		0,7033		101516	714
2017	5	11001	1100116	1	18	10		0,4876		216154	1054
2017	5	11001	1100104	1	18	10		1,1863		79239	940
2017	5	11001	1100115	1	18	10		0,9638		59558	574
2017	5	11001	1100112	1	18	10		0,6063		156202	947
2017	5	11001	1100119	1	18	10		0,8951		109822	983
2017	5	5376		1	18		10	1,1121		15466	172
2017	5	5088		1	18		10	1,3394		65103	872
2017	5	5837		1	18		10	0,8243		26812	221
2017	5	25799		1	18		10	0,8738		9155	80
2017	5	5615		1	18		10	0,4208		71528	301
2017	5	5129		1	18		10	0,7562		17191	130
2017	5	25286		1	18		10	1,4183		38497	546
2017	5	25473		1	18		10	0,9156		40520	371
2017	5	5308		1	18		10	0,4811		15798	76
2017	5	8573		1	18		10	0,3854		14012	54
2017	5	25175		1	18		10	0,5974		65614	392



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5360		1	18		10	0,7559		64826	490
2017	5	25758		1	18		10	1,192		18541	221
2017	5	25307		1	18		10	0,4987		39306	196
2017	5	25377		1	18		10	0,5375		12652	68
2017	5	25430		1	18		10	1,2591		33753	425
2017	5	76111		1	18		10	0,4099		18055	74
2017	5	5045		1	18		10	0,7856		38442	302
2017	5	5631		1	18		10	0,8351		28021	234
2017	5	25214		1	18		10	0,8522		32268	275
2017	5	50001	5000101	1	18	10		0,6251		20158	126
2017	5	50001	5000102	1	18	10	10	0,7908		67651	535
2017	5	50001	5000103	1	18	10	10	0,2322		27136	63
2017	5	50001	5000104	1	18	10	10	0,4499		23115	104
2017	5	50001	5000105	1	18	10	10	0,3833		49573	190
2017	5	50001	5000106	1	18	10	10	0,5665		12179	69
2017	5	50001	5000107	1	18	10	10	0,8866		38912	345
2017	5	50001	5000108	1	18	10	10	0,4743		18344	87
2017	5	73001	7300101	1	18	10	10	0,2064		33909	70
2017	5	73001	7300102	1	18	10	10	0,2779		3238	9
2017	5	73001	7300103	1	18	10	10	0,5614		10866	61
2017	5	73001	7300104	1	18	10	10	0,4205		14745	62
2017	5	73001	7300105	1	18	10	10	0,5448		15418	84
2017	5	73001	7300106	1	18	10	10	0,5574		7176	40
2017	5	73001	7300107	1	18	10	10	1,3142		17501	230
2017	5	73001	7300108	1	18	10	10	0,842		11639	98
2017	5	73001	7300109	1	18	10	10	2,0362		28436	579
2017	5	73001	7300110	1	18	10	10	0,255		27061	69
2017	5	73001	7300111	1	18	10	10	0,3238		4633	15
2017	5	73001	7300112	1	18	10	10	0,1955		7160	14
2017	5	73001	7300113	1	18	10	10	0,5783		4496	26
2017	5	13001	1300102	1	18	10	10	0,5198		54827	285
2017	5	13001	1300103	1	18	10	10	0,5799		69844	405
2017	5	13001	1300101	1	18	10	10	0,4853		128995	626
2017	5	50001		1	18	10	10	0,6464		285716	1847
2017	5	20001		1	18	10	10	0,2307		95777	221
2017	5	41001		1	18	10	10	0,7044		138416	975
2017	5	52001		1	18	10	10	0,6563		115192	756
2017	5	73001		1	18	10	10	0,7349		189688	1394
2017	5	13001		1	18	10	10	0,5188		253666	1316
2017	5	18001		1	18	10	10	0,4185		88897	372
2017	5	63001		1	18	10	10	0,5338		113147	604
2017	5	86001		2	18	10	10	0,4961		21971	109
2017	5	8001		1	18	10	10	0,5511		280911	1548
2017	5	47001		1	18	10	10	0,4885		85566	418
2017	5	66001		1	18	10	10	0,3381		211453	715
2017	5	68001		1	18	10	10	0,6772		170411	1154
2017	5	11001		1	18	10	10	0,7457		3454597	25762
2017	5	54001		1	18	10	10	0,7769		235294	1828
2017	5	25817		1	18	10	10	0,456		15130	69
2017	5	5380		1	18	10	10	0,8719		17777	155
2017	5	5607		1	18	10	10	0,4424		7911	35
2017	5	25754		1	18	10	10	0,9065		126862	1150
2017	5	5318		1	18	10	10	0,7357		13321	98
2017	5	25290		1	18	10	10	0,8243		51801	427
2017	5	25126		1	18	10	10	1,0648		32024	341
2017	5	5266		1	18	10	10	0,9036		61307	554
2017	5	25899		1	18	10	10	0,8216		45887	377
2017	5	25269		1	18	10	10	0,5368		49736	267
2017	5	76834		1	18	10	10	0,5579		32982	184
2017	5	76109		1	18	10	10	0,4464		38083	170
2017	5	76147		1	18	10	10	0,2893		36985	107
2017	5	8758		1	18	10	10	0,4618		48076	222
2017	5	76520		1	18	10	10	0,4622		60581	280
2017	5	76892		1	18	10	10	0,3222		49348	159
2017	5	5212		1	18	10	10	1,0931		16009	175
2017	5	76130		1	18	10	10	0,6941		16135	112
2017	5	76364		1	18	10	10	4,8614		23985	1166
2017	5	76001	7600121	1	18	11		0,5156		4073	21
2017	5	76001		1	18	11		0,4148		518829	2152
2017	5	5001	500102	1	18	11	11	2,0906		13489	282
2017	5	5001	500109	1	18	11	11	1,3033		17571	229
2017	5	5001	500110	1	18	11	11	0,8919		182971	1632
2017	5	5001	500108	1	18	11	11	1,1202		14462	162
2017	5	5001	500106	1	18	11	11	1,5544		13510	210
2017	5	5001	500111	1	18	11	11	0,7715		69083	533
2017	5	76001	7600101	1	18	11	11	0,389		5399	21
2017	5	76001	7600102	1	18	11	11	0,2643		82855	219
2017	5	76001	7600103	1	18	11	11	0,397		62970	250
2017	5	76001	7600104	1	18	11	11	0,1838		22850	42



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76001	7600105	1	18		11	0,2176		22055	48
2017	5	76001	7600106	1	18		11	0,2949		12206	36
2017	5	76001	7600107	1	18		11	0,3922		8414	33
2017	5	76001	7600108	1	18		11	0,2904		26175	76
2017	5	76001	7600109	1	18		11	0,3917		22464	88
2017	5	76001	7600110	1	18		11	0,4264		20873	89
2017	5	76001	7600111	1	18		11	0,67		11493	77
2017	5	76001	7600112	1	18		11	0,2352		3827	9
2017	5	76001	7600113	1	18		11	0,6315		14886	94
2017	5	76001	7600114	1	18		11	0,4972		14481	72
2017	5	76001	7600115	1	18		11	0,5162		7362	38
2017	5	76001	7600116	1	18		11	0,569		10193	58
2017	5	76001	7600117	1	18		11	0,4556		50263	229
2017	5	76001	7600118	1	18		11	0,6002		16162	97
2017	5	76001	7600119	1	18		11	0,537		61264	329
2017	5	76001	7600120	1	18		11	0,3774		3445	13
2017	5	5001	500116	1	18		11	0,9736		55054	536
2017	5	5001	500101	1	18		11	1,9315		4090	79
2017	5	5001	500107	1	18		11	1,4896		30276	451
2017	5	5001	500104	1	18		11	1,4975		20634	309
2017	5	5001	500105	1	18		11	1,9017		31813	605
2017	5	5001	500115	1	18		11	0,6001		46823	281
2017	5	5001	500103	1	18		11	1,2427		8771	109
2017	5	5001	500114	1	18		11	0,4861		121574	591
2017	5	5001	500112	1	18		11	0,7159		22630	162
2017	5	5001	500113	1	18		11	0,8251		17694	146
2017	5	17001		1	18		11	0,4018		177938	715
2017	5	5001		1	18		11	0,9521		690867	6578
2017	5	88001		2	18		11	0,6134		9456	58
2017	5	76001	7600122	1	18		11	0,5412		23835	129
2017	5	97001		2	18		18		0,3559		
2017	5	91001		2	18		18		4,4482		
2017	5	15572		1	18		18	0,7677		18367	141
2017	5	15759		1	18		18	0,6786		82080	557
2017	5	19001		1	18		18	0,3846		134171	516
2017	5	15001		1	18		18	0,6675		141730	946
2017	5	15491		1	18		18	0,6302		4919	31
2017	5	15238		1	18		18	0,4092		81873	335
2017	5	94001		2	18		19		3,4884		
2017	5	73268		1	18		19	0,5075		25024	127
2017	5	50006		1	18		19	1,0212		34275	350
2017	5	52356		1	18		19	0,7867		17796	140
2017	5	85410		1	18		19	1,1778		8660	102
2017	5	54874		1	18		19	1,5188		14880	226
2017	5	50568		1	18		19	1,2969		14033	182
2017	5	44001		1	18		19	0,5838		23980	140
2017	5	95001		2	18		19	0,2267		14114	32
2017	5	44430		1	18		19	0,4309		12300	53
2017	5	54405		1	18		19	0,4025		20619	83
2017	5	17380		1	18		19	0,6301		23804	150
2017	5	20011		1	18		19	1,7495		19777	346
2017	5	44560		1	18		19	0,6631		2262	15
2017	5	66170		1	18		19	0,5559		61164	340
2017	5	20400		1	18		19	0,4228		14901	63
2017	5	54498		1	18		19	0,9904		24940	247
2017	5	52835		1	18		19	0,4693		25781	121
2017	5	73449		1	18		19	0,7023		20503	144
2017	5	41551		1	18		19	1,0086		43723	441
2017	5	44847		1	18		19	0,3001		5998	18
2017	5	27001		2	18		20	1,9236		48970	942
2017	5	20001		1	19		9	0,2672		93561	250
2017	5	68276		1	19		9	0,9812		50752	498
2017	5	68307		1	19		9	0,4252		31750	135
2017	5	68081		1	19		9	0,4529		64688	293
2017	5	68547		1	19		9	1,0184		24842	253
2017	5	68679		1	19		9	0,3257		17808	58
2017	5	54001	5400103	1	19		10	1,0265		10619	109
2017	5	54001	5400107	1	19		10	0,5011		18558	93
2017	5	54001	5400109	1	19		10	0,7202		13469	97
2017	5	54001	5400102	1	19		10	0,6177		31082	192
2017	5	8001	800105	1	19		10	0,4308		38534	166
2017	5	8001	800103	1	19		10	0,5429		44575	242
2017	5	8001	800102	1	19		10	0,5457		17409	95
2017	5	8001	800101	1	19		10	0,7949		34468	274
2017	5	8001	800104	1	19		10	0,4455		146340	652
2017	5	76111		1	19		10	0,3618		18244	66
2017	5	13001	1300102	1	19		10	0,4883		54680	267
2017	5	13001	1300103	1	19		10	0,5463		68639	375
2017	5	13001	1300101	1	19		10	0,5017		127954	642



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	27001		2	19		10		1,1886	58136	691
2017	5	41001		1	19		10		0,3356	140066	470
2017	5	70001		1	19		10		0,3282	74947	246
2017	5	17001		1	19		10		0,4078	174849	713
2017	5	52001		1	19		10		0,6366	117030	745
2017	5	13001		1	19		10		0,511	251273	1284
2017	5	18001		1	19		10		0,5954	89020	530
2017	5	23001		1	19		10		0,7532	172594	1300
2017	5	8001		1	19		10		0,5084	284007	1444
2017	5	47001		1	19		10		0,4297	86349	371
2017	5	54001		1	19		10		0,6807	240329	1636
2017	5	76834		1	19		10		0,5258	32144	169
2017	5	76109		1	19		10		0,3936	36590	144
2017	5	76147		1	19		10		0,2992	37100	111
2017	5	76520		1	19		10		0,5639	60468	341
2017	5	76892		1	19		10		0,2756	51163	141
2017	5	76130		1	19		10		0,5775	15758	91
2017	5	54001	5400105	1	19		10		0,5213	32608	170
2017	5	54001	5400108	1	19		10		0,6116	20437	125
2017	5	54001	5400110	1	19		10		1,1931	8633	103
2017	5	54001	5400104	1	19		10		0,7613	13660	104
2017	5	76364		1	19		10		1,0831	24006	260
2017	5	54001	5400106	1	19		10		0,7681	25257	194
2017	5	54001	5400101	1	19		10		0,6139	62879	386
2017	5	76001	7600121	1	19		11		0,5718	4197	24
2017	5	76001	7600122	1	19		11		0,622	26368	164
2017	5	5001	500102	1	19		11		1,7727	14103	250
2017	5	5001	500109	1	19		11		1,1716	17326	203
2017	5	5001	500110	1	19		11		0,8754	182435	1597
2017	5	5001	500108	1	19		11		1,1657	14326	167
2017	5	5001	500106	1	19		11		1,3374	12711	170
2017	5	5001	500111	1	19		11		0,7267	70039	509
2017	5	68001	6800111	1	19		11		0,2058	4374	9
2017	5	68001	6800117	1	19		11		1,2459	3050	38
2017	5	68001	6800101	1	19		11		0,5838	6166	36
2017	5	68001	6800115	1	19		11		0,5329	16890	90
2017	5	68001	6800113	1	19		11		0,6141	31915	196
2017	5	68001	6800110	1	19		11		0,9402	8615	81
2017	5	68001	6800104	1	19		11		0,5278	14779	78
2017	5	68001	6800107	1	19		11		0,5092	2946	15
2017	5	68001	6800106	1	19		11		0,5773	12645	73
2017	5	68001	6800105	1	19		11		0,9104	7909	72
2017	5	68001	6800103	1	19		11		0,5947	19504	116
2017	5	68001	6800108	1	19		11		0,5603	2677	15
2017	5	68001	6800116	1	19		11		1,7306	6645	115
2017	5	68001	6800112	1	19		11		0,5058	32423	164
2017	5	11001	1100107	1	19		11		0,8659	132123	1144
2017	5	11001	1100111	1	19		11		0,9374	384909	3608
2017	5	11001	1100105	1	19		11		0,8234	59632	491
2017	5	11001	1100108	1	19		11		0,8744	352812	3085
2017	5	11001	1100101	1	19		11		0,7678	348664	2677
2017	5	11001	1100110	1	19		11		0,7394	295776	2187
2017	5	11001	1100109	1	19		11		0,6849	233758	1601
2017	5	11001	1100114	1	19		11		0,5294	153934	815
2017	5	11001	1100103	1	19		11		0,5103	154035	786
2017	5	11001	1100102	1	19		11		0,6733	338607	2280
2017	5	11001	1100117	1	19		11		0,5648	65336	369
2017	5	11001	1100106	1	19		11		0,8436	64722	546
2017	5	11001	1100113	1	19		11		0,6063	223834	1357
2017	5	11001	1100118	1	19		11		0,7548	102144	771
2017	5	11001	1100116	1	19		11		0,5268	214491	1130
2017	5	11001	1100104	1	19		11		1,1727	75210	882
2017	5	11001	1100115	1	19		11		1,2269	59909	735
2017	5	11001	1100112	1	19		11		0,6294	156180	983
2017	5	11001	1100119	1	19		11		0,8624	108654	937
2017	5	76001	7600101	1	19		11		0,3023	5623	17
2017	5	76001	7600102	1	19		11		0,2458	84605	208
2017	5	76001	7600103	1	19		11		0,397	63734	253
2017	5	76001	7600104	1	19		11		0,149	24155	36
2017	5	76001	7600105	1	19		11		0,2543	22417	57
2017	5	76001	7600106	1	19		11		0,2361	12283	29
2017	5	76001	7600107	1	19		11		0,4064	8367	34
2017	5	76001	7600108	1	19		11		0,1865	26275	49
2017	5	76001	7600109	1	19		11		0,3195	24102	77
2017	5	76001	7600110	1	19		11		0,3906	21763	85
2017	5	76001	7600111	1	19		11		0,6119	12094	74
2017	5	76001	7600112	1	19		11		0,2023	3955	8
2017	5	76001	7600113	1	19		11		0,5174	14882	77
2017	5	76001	7600114	1	19		11		0,5927	14511	86



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76001	7600115	1	19	11		0,779		7189	56
2017	5	76001	7600116	1	19	11		0,549		10564	58
2017	5	76001	7600117	1	19	11		0,4551		52957	241
2017	5	76001	7600118	1	19	11		0,634		17035	108
2017	5	76001	7600119	1	19	11		0,5984		64005	383
2017	5	76001	7600120	1	19	11		0,8571		3500	30
2017	5	50001	5000101	1	19	11		0,5418		20302	110
2017	5	50001	5000102	1	19	11		0,8457		68822	582
2017	5	50001	5000103	1	19	11		0,2284		27144	62
2017	5	50001	5000104	1	19	11		0,4185		22938	96
2017	5	50001	5000105	1	19	11		0,3171		48560	154
2017	5	50001	5000106	1	19	11		0,2519		11512	29
2017	5	50001	5000107	1	19	11		0,8063		39562	319
2017	5	50001	5000108	1	19	11		0,4348		17709	77
2017	5	73001	7300101	1	19	11		0,2443		38472	94
2017	5	73001	7300102	1	19	11		0,2467		3243	8
2017	5	73001	7300103	1	19	11		0,4981		11443	57
2017	5	73001	7300104	1	19	11		0,4327		14790	64
2017	5	73001	7300105	1	19	11		0,4738		16250	77
2017	5	73001	7300106	1	19	11		0,3817		6811	26
2017	5	73001	7300107	1	19	11		0,6661		14113	94
2017	5	73001	7300108	1	19	11		0,8432		11148	94
2017	5	73001	7300109	1	19	11		1,4946		28570	427
2017	5	73001	7300110	1	19	11		0,2049		26837	55
2017	5	73001	7300111	1	19	11		0,2232		4481	10
2017	5	73001	7300112	1	19	11		0,7495		7738	58
2017	5	73001	7300113	1	19	11		0,6844		3799	26
2017	5	5001	500116	1	19	11		0,838		56088	470
2017	5	5001	500101	1	19	11		1,7963		4064	73
2017	5	5001	500107	1	19	11		1,3705		29770	408
2017	5	5001	500104	1	19	11		1,465		20682	303
2017	5	5001	500105	1	19	11		1,5963		32325	516
2017	5	5001	500115	1	19	11		0,6937		47571	330
2017	5	5001	500103	1	19	11		1,3679		8992	123
2017	5	5001	500114	1	19	11		0,5912		124664	737
2017	5	5001	500112	1	19	11		0,6417		23530	151
2017	5	5001	500113	1	19	11		1,0831		17081	185
2017	5	50001		1	19	11		0,6268		283662	1778
2017	5	73001		1	19	11		0,5909		191396	1131
2017	5	63001		1	19	11		0,6422		117404	754
2017	5	5001		1	19	11		0,9362		695703	6513
2017	5	66001		1	19	11		0,3421		217773	745
2017	5	68001		1	19	11		0,6514		172563	1124
2017	5	11001		1	19	11		0,7485		3524730	26384
2017	5	76001		1	19	11		0,4303		536392	2308
2017	5	86001		2	19	16		0,4699		22343	105
2017	5	91001		2	19	18			4,5471		
2017	5	15759		1	19		18	0,4957		82111	407
2017	5	15572		1	19		18	0,8423		17334	146
2017	5	25799		1	19		18	1,0929		6222	68
2017	5	25286		1	19		18	1,59		34402	547
2017	5	25473		1	19		18	1,4219		42619	606
2017	5	25175		1	19		18	0,7103		68699	488
2017	5	25758		1	19		18	1,32		16288	215
2017	5	25307		1	19		18	0,6182		42706	264
2017	5	25377		1	19		18	0,7514		13840	104
2017	5	15238		1	19		18	0,4222		82433	348
2017	5	25430		1	19		18	1,3546		36541	495
2017	5	25214		1	19		18	0,7779		22111	172
2017	5	19001		1	19		18	0,4006		136540	547
2017	5	81001		1	19		18	0,4196		21688	91
2017	5	15001		1	19		18	0,4922		143233	705
2017	5	85001		1	19		18	0,6122		130195	797
2017	5	88001		2	19		18	0,5194		9627	50
2017	5	15491		1	19		18	1,0567		5205	55
2017	5	25817		1	19		18	0,4908		15077	74
2017	5	25754		1	19		18	1,2108		147178	1782
2017	5	25290		1	19		18	1,1455		56920	652
2017	5	25126		1	19		18	1,3399		34480	462
2017	5	25899		1	19		18	1,1055		54815	606
2017	5	25269		1	19		18	0,6577		60668	399
2017	5	97001		2	19		18		0,5214		
2017	5	99001		2	19		19		1,6725		
2017	5	73268		1	19		19	0,5652		24593	139
2017	5	5376		1	19		19	1,716		15909	273
2017	5	44847		1	19		19	0,448		6027	27
2017	5	5088		1	19		19	1,9181		75076	1440
2017	5	5837		1	19		19	0,9447		25617	242
2017	5	5615		1	19		19	0,4792		62189	298



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5129		1	19		19	0,9575		18172	174
2017	5	50006		1	19		19	1,0097		32979	333
2017	5	52356		1	19		19	0,8346		18811	157
2017	5	5308		1	19		19	0,6517		13811	90
2017	5	8573		1	19		19	0,2922		10608	31
2017	5	85410		1	19		19	1,5676		8612	135
2017	5	54874		1	19		19	1,2236		14466	177
2017	5	50568		1	19		19	1,3051		12719	166
2017	5	5360		1	19		19	1,2594		42797	539
2017	5	5045		1	19		19	0,7728		35195	272
2017	5	5631		1	19		19	0,9004		22213	200
2017	5	44001		1	19	19		0,4703		25513	120
2017	5	95001		2	19	19		0,2231		14789	33
2017	5	5380		1	19		19	1,2032		12799	154
2017	5	5607		1	19		19	0,5705		7012	40
2017	5	44430		1	19		19	1,8631		12184	227
2017	5	54405		1	19		19	0,4566		21026	96
2017	5	17380		1	19		19	0,9765		23247	227
2017	5	5318		1	19		19	0,5722		13457	77
2017	5	20011		1	19		19	0,3845		18987	73
2017	5	44560		1	19		19	0,4745		2318	11
2017	5	66170		1	19		19	0,4828		61105	295
2017	5	5266		1	19		19	1,0034		48835	490
2017	5	20400		1	19		19	0,3871		14467	56
2017	5	54498		1	19		19	0,7812		24323	190
2017	5	52835		1	19		19	0,4601		23909	110
2017	5	73449		1	19		19	0,709		21861	155
2017	5	41551		1	19		19	0,875		44228	387
2017	5	8758		1	19		19	0,6368		47898	305
2017	5	5212		1	19		19	1,4598		15002	219
2017	5	94001		2	19	19			3,0364		
2017	5	68307		1	20		10	0,4913		30326	149
2017	5	15491		1	20		10	0,8002		4999	40
2017	5	25817		1	20		10	0,4446		12597	56
2017	5	5380		1	20		10	0,825		14787	122
2017	5	5607		1	20		10	0,311		8361	26
2017	5	68276		1	20		10	0,9894		50331	498
2017	5	25754		1	20		10	0,8664		133536	1157
2017	5	17380		1	20		10	0,5066		24084	122
2017	5	5318		1	20		10	0,5127		13847	71
2017	5	25290		1	20		10	0,9849		52897	521
2017	5	25126		1	20		10	1,2147		32188	391
2017	5	5266		1	20		10	0,9466		59477	563
2017	5	25899		1	20		10	0,8741		47136	412
2017	5	25269		1	20		10	0,6611		49920	330
2017	5	76834		1	20		10	0,4234		30701	130
2017	5	76109		1	20		10	2,1441		38105	817
2017	5	68547		1	20		10	0,9293		25179	234
2017	5	15759		1	20		10	0,4361		73841	322
2017	5	76147		1	20		10	0,2817		34439	97
2017	5	8758		1	20		10	0,4707		46954	221
2017	5	76520		1	20		10	0,5283		54892	290
2017	5	76892		1	20		10	0,2607		38738	101
2017	5	5212		1	20		10	1,2665		16028	203
2017	5	76130		1	20		10	0,5652		14863	84
2017	5	76364		1	20		10	0,651		25040	163
2017	5	54001	5400106	1	20	10		0,9115		27209	248
2017	5	54001	5400101	1	20	10		0,4086		50173	205
2017	5	54001	5400104	1	20	10		0,7921		14645	116
2017	5	54001	5400110	1	20	10		0,8389		9179	77
2017	5	54001	5400108	1	20	10		0,6188		21492	133
2017	5	54001	5400105	1	20	10		0,5333		32063	171
2017	5	54001	5400103	1	20	10		1,1219		11142	125
2017	5	54001	5400107	1	20	10		0,619		18901	117
2017	5	54001	5400109	1	20	10		0,649		14175	92
2017	5	54001	5400102	1	20	10		0,6945		25773	179
2017	5	99001		2	20	10			1,4572		
2017	5	5376		1	20		10	0,5338		14238	76
2017	5	15572		1	20		10	0,7912		15167	120
2017	5	5088		1	20		10	1,4661		68480	1004
2017	5	5837		1	20		10	0,7108		22791	162
2017	5	25799		1	20		10	0,9986		6309	63
2017	5	5615		1	20		10	0,4197		66957	281
2017	5	5129		1	20		10	0,6809		17037	116
2017	5	25286		1	20		10	1,3624		32590	444
2017	5	25473		1	20		10	0,8664		37974	329
2017	5	5308		1	20		10	0,4513		13739	62
2017	5	8573		1	20		10	0,3081		13955	43
2017	5	25175		1	20		10	0,5311		61950	329





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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5360		1	20		10	0,8196		57226	469
2017	5	25758		1	20		10	0,9642		17216	166
2017	5	25307		1	20		10	0,5769		40391	233
2017	5	25377		1	20		10	0,5774		13163	76
2017	5	68081		1	20		10	0,4641		62059	288
2017	5	15238		1	20		10	0,3615		75794	274
2017	5	25430		1	20		10	1,277		33046	422
2017	5	76111		1	20		10	0,3437		17166	59
2017	5	5045		1	20		10	0,6728		37606	253
2017	5	5631		1	20		10	0,7434		25290	188
2017	5	68679		1	20		10	0,3814		16518	63
2017	5	25214		1	20		10	0,8499		25063	213
2017	5	73001	7300101	1	20	10		0,2057		26253	54
2017	5	73001	7300102	1	20	10		0,318		3459	11
2017	5	73001	7300103	1	20	10		0,4799		11252	54
2017	5	73001	7300104	1	20	10		0,365		14521	53
2017	5	73001	7300105	1	20	10		0,4258		17378	74
2017	5	73001	7300106	1	20	10		0,445		7191	32
2017	5	73001	7300107	1	20	10		0,9119		15463	141
2017	5	73001	7300108	1	20	10		0,8969		12265	110
2017	5	73001	7300109	1	20	10		1,9272		28072	541
2017	5	73001	7300110	1	20	10		0,1674		23899	40
2017	5	73001	7300111	1	20	10		0,0642		4676	3
2017	5	73001	7300112	1	20	10		0,2469		6885	17
2017	5	73001	7300113	1	20	10		0,7316		3827	28
2017	5	13001	1300102	1	20	10		0,5051		54049	273
2017	5	13001	1300103	1	20	10		0,6763		65799	445
2017	5	13001	1300101	1	20	10		0,5145		110983	571
2017	5	20001		1	20	10		0,2574		86622	223
2017	5	70001		1	20	10		0,2818		66709	188
2017	5	15001		1	20	10		0,3695		116094	429
2017	5	52001		1	20	10		0,6185		107198	663
2017	5	73001		1	20	10		0,67		178652	1197
2017	5	13001		1	20	10		0,5584		230831	1289
2017	5	23001		1	20	10		0,8583		152864	1312
2017	5	44001		1	20	10		0,4548		25506	116
2017	5	85001		1	20	10		0,6342		110683	702
2017	5	86001		2	20	10		2,6987		19380	523
2017	5	47001		1	20	10		0,4774		80012	382
2017	5	88001		2	20	10		0,4324		9251	40
2017	5	54001		1	20	10		0,6653		228318	1519
2017	5	76001	7600121	1	20	11		0,4815		4154	20
2017	5	76001	7600122	1	20	11		0,563		22736	128
2017	5	5001	500102	1	20	11		1,7362		14687	255
2017	5	5001	500109	1	20	11		1,324		20166	267
2017	5	5001	500110	1	20	11		0,7183		142704	1025
2017	5	5001	500108	1	20	11		1,25		15440	193
2017	5	5001	500106	1	20	11		2,021		14448	292
2017	5	5001	500111	1	20	11		0,9373		62731	588
2017	5	8001	800105	1	20	11		0,2766		39405	109
2017	5	8001	800103	1	20	11		0,5944		43238	257
2017	5	8001	800102	1	20	11		0,46		18044	83
2017	5	8001	800101	1	20	11		0,5933		34217	203
2017	5	8001	800104	1	20	11		0,4459		121995	544
2017	5	68001	6800111	1	20	11		0,4463		4033	18
2017	5	68001	6800117	1	20	11		0,7306		3422	25
2017	5	68001	6800101	1	20	11		0,7019		5841	41
2017	5	68001	6800115	1	20	11		0,549		11840	65
2017	5	68001	6800113	1	20	11		0,6019		27080	163
2017	5	68001	6800110	1	20	11		0,8187		9405	77
2017	5	68001	6800104	1	20	11		0,4146		14231	59
2017	5	68001	6800107	1	20	11		0,5854		2904	17
2017	5	68001	6800106	1	20	11		0,7007		12701	89
2017	5	68001	6800105	1	20	11		1,5006		7064	106
2017	5	68001	6800103	1	20	11		0,3204		19349	62
2017	5	68001	6800108	1	20	11		0,4867		3082	15
2017	5	68001	6800116	1	20	11		1,1883		6564	78
2017	5	68001	6800112	1	20	11		0,5275		25211	133
2017	5	11001	1100107	1	20	11		0,8787		148511	1305
2017	5	11001	1100111	1	20	11		0,9069		395308	3585
2017	5	11001	1100105	1	20	11		0,8716		65744	573
2017	5	11001	1100108	1	20	11		1,4342		386360	5541
2017	5	11001	1100101	1	20	11		0,7073		283030	2002
2017	5	11001	1100110	1	20	11		0,6224		297737	1853
2017	5	11001	1100109	1	20	11		1,0069		201514	2029
2017	5	11001	1100114	1	20	11		0,412		129599	534
2017	5	11001	1100103	1	20	11		0,4652		98664	459
2017	5	11001	1100102	1	20	11		0,5282		176630	933
2017	5	11001	1100117	1	20	11		0,5849		33853	198



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001	1100106	1	20	11		0,8793		71420	628
2017	5	11001	1100113	1	20	11		0,488		136477	666
2017	5	11001	1100118	1	20	11		0,796		107795	858
2017	5	11001	1100116	1	20	11		0,5294		182085	964
2017	5	11001	1100104	1	20	11		1,3364		80363	1074
2017	5	11001	1100115	1	20	11		0,7636		59976	458
2017	5	11001	1100112	1	20	11		0,6532		123853	809
2017	5	11001	1100119	1	20	11		0,9181		118611	1089
2017	5	76001	7600101	1	20	11		0,4974		6233	31
2017	5	76001	7600102	1	20	11		0,2366		64243	152
2017	5	76001	7600103	1	20	11		0,383		40989	157
2017	5	76001	7600104	1	20	11		0,1533		21532	33
2017	5	76001	7600105	1	20	11		0,2406		23692	57
2017	5	76001	7600106	1	20	11		0,2165		13396	29
2017	5	76001	7600107	1	20	11		0,3112		8996	28
2017	5	76001	7600108	1	20	11		1,402		24750	347
2017	5	76001	7600109	1	20	11		0,5175		22997	119
2017	5	76001	7600110	1	20	11		0,426		23239	99
2017	5	76001	7600111	1	20	11		0,5416		12924	70
2017	5	76001	7600112	1	20	11		1,0584		4913	52
2017	5	76001	7600113	1	20	11		0,7106		16183	115
2017	5	76001	7600114	1	20	11		0,5677		15148	86
2017	5	76001	7600115	1	20	11		0,6472		7571	49
2017	5	76001	7600116	1	20	11		0,4611		11277	52
2017	5	76001	7600117	1	20	11		0,4083		54374	222
2017	5	76001	7600118	1	20	11		0,6318		17570	111
2017	5	76001	7600119	1	20	11		0,5503		52513	289
2017	5	76001	7600120	1	20	11		0,6014		3492	21
2017	5	50001	5000101	1	20	11		0,723		17290	125
2017	5	50001	5000102	1	20	11		0,323		45508	147
2017	5	50001	5000103	1	20	11		0,2677		28012	75
2017	5	50001	5000104	1	20	11		0,5677		23252	132
2017	5	50001	5000105	1	20	11		0,317		49210	156
2017	5	50001	5000106	1	20	11		0,1357		12524	17
2017	5	50001	5000107	1	20	11		0,7523		41206	310
2017	5	50001	5000108	1	20	11		0,6895		18710	129
2017	5	5001	500116	1	20	11		0,8177		55031	450
2017	5	5001	500101	1	20	11		1,4078		4546	64
2017	5	5001	500107	1	20	11		1,2998		32543	423
2017	5	5001	500104	1	20	11		1,5393		20334	313
2017	5	5001	500105	1	20	11		1,686		31199	526
2017	5	5001	500115	1	20	11		0,6872		34344	236
2017	5	5001	500103	1	20	11		1,286		9798	126
2017	5	5001	500114	1	20	11		0,5128		85211	437
2017	5	5001	500112	1	20	11		0,7332		23322	171
2017	5	5001	500113	1	20	11		1,117		19158	214
2017	5	50001		1	20	11		0,5292		261324	1383
2017	5	19001		1	20	11		0,2888		119791	346
2017	5	41001		1	20	11		0,3514		132325	465
2017	5	17001		1	20	11		0,4198		155065	651
2017	5	63001		1	20	11		0,5741		103285	593
2017	5	5001		1	20	11		0,9732		606964	5907
2017	5	8001		1	20	11		0,4682		259289	1214
2017	5	66001		1	20	11		0,3279		192107	630
2017	5	68001		1	20	11		0,6274		154612	970
2017	5	11001		1	20	11		0,8251		3097530	25558
2017	5	76001		1	20	11		0,4907		485056	2380
2017	5	66170		1	20		11	0,4432		63399	281
2017	5	91001		2	20		18		4,0763		
2017	5	85410		1	20		18	1,2764		8618	110
2017	5	54498		1	20		19	0,7085		25264	179
2017	5	20400		1	20		19	0,6754		13474	91
2017	5	73268		1	20		19	0,4631		25263	117
2017	5	20011		1	20		19	0,4097		18308	75
2017	5	54874		1	20		19	1,4327		15425	221
2017	5	50568		1	20		19	1,0462		11375	119
2017	5	27001		2	20		19	1,281		55190	707
2017	5	81001		1	20		19	0,5105		17042	87
2017	5	94001		2	20		19		1,6656		
2017	5	50006		1	20		19	0,8195		32826	269
2017	5	54405		1	20		19	0,3216		21767	70
2017	5	41551		1	20		19	0,7493		44039	330
2017	5	73449		1	20		19	0,5863		23539	138
2017	5	52835		1	20		20	0,5778		21980	127
2017	5	44560		1	20		20	0,7924		1893	15
2017	5	44430		1	20		20	0,3459		10698	37
2017	5	95001		2	20		20	0,2464		10958	27
2017	5	18001		1	20		20	0,6236		67996	424
2017	5	52356		1	20		20	0,8866		15339	136



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	44847		1	20		20	0,4534		5073	23
2017	5	97001		2	20	20			0,4831		
2017	5	8001	800102	1	21	11		0,5008		16572	83
2017	5	8001	800105	1	21	11		0,4687		18135	85
2017	5	8001	800103	1	21	11		0,3897		26688	104
2017	5	8001		1	21	11		0,4326		132456	573
2017	5	8001	800101	1	21	11		0,5525		25522	141
2017	5	8001	800104	1	21	11		0,3413		43659	149
2017	5	91001		2	21	18			4,2487		
2017	5	97001		2	21	19			0		
2017	5	11001	1100107	1	21	19		1,3345		147247	1965
2017	5	11001	1100111	1	21	19		1,0255		272754	2797
2017	5	11001	1100105	1	21	19		1,2237		73548	900
2017	5	11001	1100108	1	21	19		1,1417		271443	3099
2017	5	11001	1100101	1	21	19		0,9493		149897	1423
2017	5	11001	1100110	1	21	19		0,8343		200409	1672
2017	5	11001	1100109	1	21	19		0,8601		111847	962
2017	5	11001	1100114	1	21	19		0,6658		31992	213
2017	5	11001	1100103	1	21	19		0,8079		27479	222
2017	5	11001	1100102	1	21	19		0,386		56216	217
2017	5	11001	1100117	1	21	19		1,0571		7568	80
2017	5	11001	1100106	1	21	19		1,1259		53646	604
2017	5	11001	1100113	1	21	19		0,322		51240	165
2017	5	11001	1100118	1	21	19		1,1387		89313	1017
2017	5	11001	1100116	1	21	19		0,627		80219	503
2017	5	11001	1100104	1	21	19		1,5148		76447	1158
2017	5	11001	1100115	1	21	19		1,0019		27349	274
2017	5	11001	1100112	1	21	19		0,3128		42513	133
2017	5	11001	1100119	1	21	19		1,1997		120443	1445
2017	5	5376		1	21		19	0,5821		11511	67
2017	5	44847		1	21		19	0,264		4925	13
2017	5	15572		1	21		19	0,6772		13290	90
2017	5	5088		1	21		19	1,7437		59758	1042
2017	5	5837		1	21		19	0,6919		23124	160
2017	5	25799		1	21		19	1,2214		3193	39
2017	5	5615		1	21		19	0,481		42202	203
2017	5	5129		1	21		19	1,1586		14155	164
2017	5	50006		1	21		19	0,9346		26534	248
2017	5	25286		1	21		19	1,5933		19833	316
2017	5	25473		1	21		19	1,2543		28622	359
2017	5	5308		1	21		19	0,8385		9779	82
2017	5	8573		1	21		19	0,3009		5983	18
2017	5	85410		1	21		19	1,2557		6610	83
2017	5	25175		1	21		19	0,7085		44599	316
2017	5	50568		1	21		19	0,8688		10935	95
2017	5	5360		1	21		19	0,9881		28843	285
2017	5	25758		1	21		19	1,5039		9309	140
2017	5	25307		1	21		19	0,6403		27017	173
2017	5	25377		1	21		19	0,8285		9777	81
2017	5	68081		1	21		19	0,4698		45766	215
2017	5	15238		1	21		19	0,5586		46541	260
2017	5	25430		1	21		19	1,3071		25247	330
2017	5	5045		1	21		19	0,7103		29285	208
2017	5	5631		1	21		19	0,8701		14941	130
2017	5	68679		1	21		19	0,452		9735	44
2017	5	25214		1	21		19	0,8459		10285	87
2017	5	50001	5000101	1	21	19		0,6194		10655	66
2017	5	50001	5000102	1	21	19		0,4588		12641	58
2017	5	50001	5000103	1	21	19		0,2745		9471	26
2017	5	50001	5000104	1	21	19		0,5757		20496	118
2017	5	50001	5000105	1	21	19		0,3528		38551	136
2017	5	50001	5000106	1	21	19		0,2189		5938	13
2017	5	50001	5000107	1	21	19		0,9766		27954	273
2017	5	50001	5000108	1	21	19		0,4371		16243	71
2017	5	13001	1300102	1	21	19		0,4972		42039	209
2017	5	13001	1300103	1	21	19		0,7638		48183	368
2017	5	13001	1300101	1	21	19		0,5799		59496	345
2017	5	50001		1	21	19		0,642		165580	1063
2017	5	20001		1	21	19		0,3307		58355	193
2017	5	81001		1	21	19		0,6615		14815	98
2017	5	15001		1	21	19		0,4881		72939	356
2017	5	13001		1	21	19		0,6158		149718	922
2017	5	23001		1	21	19		1,4308		123778	1771
2017	5	85001		1	21	19		0,7696		78741	606
2017	5	95001		2	21	19		0,4369		10758	47
2017	5	47001		1	21	19		0,5369		55687	299
2017	5	88001		2	21	19		0,6		6667	40
2017	5	11001		1	21	19		0,9965		1891570	18849
2017	5	68307		1	21	19		0,7124		18247	130



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	15491		1	21		19	0,6202		3547	22
2017	5	25817		1	21		19	0,611		8838	54
2017	5	5380		1	21		19	1,1488		8879	102
2017	5	5607		1	21		19	0,372		5645	21
2017	5	44430		1	21		19	0,2536		10645	27
2017	5	68276		1	21		19	1,2805		38500	493
2017	5	25754		1	21		19	1,3043		125432	1636
2017	5	17380		1	21		19	0,7066		18539	131
2017	5	5318		1	21		19	0,799		11389	91
2017	5	25290		1	21		19	1,1954		40070	479
2017	5	20011		1	21		19	0,4137		14262	59
2017	5	44560		1	21		19	1,1276		2217	25
2017	5	25126		1	21		19	1,1965		21563	258
2017	5	5266		1	21		19	1,0841		31548	342
2017	5	25899		1	21		19	1,0409		35546	370
2017	5	20400		1	21		19	0,4653		11605	54
2017	5	25269		1	21		19	0,9402		42436	399
2017	5	73449		1	21		19	1,0176		18672	190
2017	5	68547		1	21		19	1,1399		19826	226
2017	5	15759		1	21		19	0,6385		46356	296
2017	5	8758		1	21		19	0,6067		41044	249
2017	5	5212		1	21		19	1,2862		11818	152
2017	5	73268		1	21		19	0,5186		19668	102
2017	5	73001	7300108	1	21	20		1,3915		10492	146
2017	5	73001	7300109	1	21	20		3,0147		14562	439
2017	5	73001	7300110	1	21	20		0,2764		10853	30
2017	5	73001	7300111	1	21	20		0,1429		4899	7
2017	5	73001	7300112	1	21	20		0,3862		6214	24
2017	5	73001	7300113	1	21	20		0,4882		4097	20
2017	5	5001	500116	1	21	20		0,8795		32063	282
2017	5	5001	500101	1	21	20		1,2381		5573	69
2017	5	5001	500107	1	21	20		1,8019		27193	490
2017	5	5001	500104	1	21	20		1,6297		16567	270
2017	5	5001	500105	1	21	20		1,8964		23413	444
2017	5	5001	500115	1	21	20		0,7157		12855	92
2017	5	5001	500103	1	21	20		1,4662		11663	171
2017	5	5001	500114	1	21	20		0,6125		28243	173
2017	5	5001	500112	1	21	20		1,2855		13147	169
2017	5	5001	500113	1	21	20		1,4178		19255	273
2017	5	19001		1	21	20		0,4472		81625	365
2017	5	27001		2	21	20		1,401		40827	572
2017	5	41001		1	21	20		0,4448		76662	341
2017	5	70001		1	21	20		0,4234		40150	170
2017	5	17001		1	21	20		0,52		87306	454
2017	5	52001		1	21	20		0,8834		59546	526
2017	5	73001		1	21	20		0,9913		106632	1057
2017	5	18001		1	21	20		0,7066		58594	414
2017	5	44001		1	21	20		0,6449		16748	108
2017	5	63001		1	21	20		0,8237		57548	474
2017	5	86001		2	21	20		1,0099		13170	133
2017	5	5001		1	21	20		1,3415		325008	4360
2017	5	66001		1	21	20		0,468		105772	495
2017	5	68001		1	21	20		0,9905		70774	701
2017	5	76001		1	21	20		0,627		273064	1712
2017	5	54001		1	21	20		0,8968		130011	1166
2017	5	54405		1	21		20	0,3558		15737	56
2017	5	66170		1	21		20	0,4097		41735	171
2017	5	54498		1	21		20	0,5705		19282	110
2017	5	76834		1	21		20	0,651		19970	130
2017	5	76109		1	21		20	0,9519		25738	245
2017	5	52835		1	21		20	0,6639		20635	137
2017	5	41551		1	21		20	1,0754		34126	367
2017	5	76147		1	21		20	0,3533		24906	88
2017	5	76520		1	21		20	0,6824		35025	239
2017	5	76892		1	21		20	0,4178		17950	75
2017	5	76130		1	21		20	0,7132		12338	88
2017	5	76364		1	21		20	0,7159		16344	117
2017	5	76001	7600121	1	21	20		0,6394		5474	35
2017	5	76001	7600122	1	21	20		0,8657		7393	64
2017	5	54001	5400106	1	21	20		1,3785		18716	258
2017	5	54001	5400101	1	21	20		0,6947		7053	49
2017	5	54001	5400104	1	21	20		0,7672		9776	75
2017	5	54001	5400110	1	21	20		0,7614		6304	48
2017	5	54001	5400108	1	21	20		0,8602		21507	185
2017	5	54001	5400105	1	21	20		0,6168		14915	92
2017	5	54001	5400103	1	21	20		1,1372		9057	103
2017	5	54001	5400107	1	21	20		0,5904		18124	107
2017	5	54001	5400109	1	21	20		0,9697		12066	117
2017	5	54001	5400102	1	21	20		0,8862		10269	91



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	94001		2	21		20		5,1089		
2017	5	99001		2	21		20		2,2754		
2017	5	5001	500102	1	21		20	1,927		16658	321
2017	5	5001	500109	1	21		20	1,6177		17865	289
2017	5	5001	500110	1	21		20	1,2341		26902	332
2017	5	5001	500108	1	21		20	1,4133		14505	205
2017	5	5001	500106	1	21		20	1,678		16329	274
2017	5	5001	500111	1	21		20	1,029		23227	239
2017	5	68001	6800111	1	21		20	0,8079		2847	23
2017	5	68001	6800117	1	21		20	1,0866		2945	32
2017	5	68001	6800101	1	21		20	0,793		5801	46
2017	5	68001	6800115	1	21		20	0,678		1180	8
2017	5	68001	6800113	1	21		20	0,636		10849	69
2017	5	68001	6800110	1	21		20	1,4831		6945	103
2017	5	68001	6800104	1	21		20	1,4092		3548	50
2017	5	68001	6800107	1	21		20	0,5491		1821	10
2017	5	68001	6800106	1	21		20	1,1046		4798	53
2017	5	68001	6800105	1	21		20	2,3439		5205	122
2017	5	68001	6800103	1	21		20	0,4479		9153	41
2017	5	68001	6800108	1	21		20	0,9528		2414	23
2017	5	68001	6800116	1	21		20	1,1705		5126	60
2017	5	68001	6800112	1	21		20	0,7108		6612	47
2017	5	76001	7600101	1	21		20	0,4662		6221	29
2017	5	76001	7600102	1	21		20	0,4946		24061	119
2017	5	76001	7600103	1	21		20	0,7928		7694	61
2017	5	76001	7600104	1	21		20	0,2571		7779	20
2017	5	76001	7600105	1	21		20	0,4016		17180	69
2017	5	76001	7600106	1	21		20	0,4505		11986	54
2017	5	76001	7600107	1	21		20	0,6333		7106	45
2017	5	76001	7600108	1	21		20	0,3286		14607	48
2017	5	76001	7600109	1	21		20	0,2681		6340	17
2017	5	76001	7600110	1	21		20	0,5283		12494	66
2017	5	76001	7600111	1	21		20	0,7018		9974	70
2017	5	76001	7600112	1	21		20	0,5551		3783	21
2017	5	76001	7600113	1	21		20	0,7264		15281	111
2017	5	76001	7600114	1	21		20	0,6298		18102	114
2017	5	76001	7600115	1	21		20	0,8598		9072	78
2017	5	76001	7600116	1	21		20	0,6345		10244	65
2017	5	76001	7600117	1	21		20	0,631		29475	186
2017	5	76001	7600118	1	21		20	0,9335		14890	139
2017	5	76001	7600119	1	21		20	0,9013		22078	199
2017	5	76001	7600120	1	21		20	0,5106		3721	19
2017	5	52356		1	21		20	1,143		11724	134
2017	5	54874		1	21		20	1,3015		10834	141
2017	5	76111		1	21		20	0,4107		9740	40
2017	5	73001	7300101	1	21		20	0,3465		9812	34
2017	5	73001	7300102	1	21		20	0,6476		2625	17
2017	5	73001	7300103	1	21		20	0,7103		3238	23
2017	5	73001	7300104	1	21		20	0,5003		8594	43
2017	5	73001	7300105	1	21		20	0,593		11467	68
2017	5	73001	7300106	1	21		20	0,6978		5876	41
2017	5	73001	7300107	1	21		20	1,2412		11924	148
2017	5	97001		2	22		9		0,3949		
2017	5	54001	5400106	1	22		10	0,9171		24316	223
2017	5	54001	5400101	1	22		10	0,4818		63092	304
2017	5	54001	5400104	1	22		10	0,8067		13512	109
2017	5	54001	5400110	1	22		10	1,079		9453	102
2017	5	54001	5400108	1	22		10	0,6347		21428	136
2017	5	54001	5400105	1	22		10	0,5978		31783	190
2017	5	54001	5400103	1	22		10	1,0041		11453	115
2017	5	54001	5400107	1	22		10	0,6436		19578	126
2017	5	54001	5400109	1	22		10	0,8873		15553	138
2017	5	54001	5400102	1	22		10	0,6981		29794	208
2017	5	8001	800105	1	22		10	0,3394		38890	132
2017	5	8001	800103	1	22		10	1,409		43009	606
2017	5	8001	800102	1	22		10	3,3372		22414	748
2017	5	8001	800101	1	22		10	2,0283		32243	654
2017	5	8001	800104	1	22		10	0,3922		143806	564
2017	5	68001	6800111	1	22		10	0,4332		4617	20
2017	5	68001	6800117	1	22		10	1,0285		2917	30
2017	5	68001	6800101	1	22		10	0,6292		6198	39
2017	5	68001	6800115	1	22		10	0,5442		15986	87
2017	5	68001	6800113	1	22		10	0,6161		31974	197
2017	5	68001	6800110	1	22		10	1,2591		8657	109
2017	5	68001	6800104	1	22		10	0,6555		15561	102
2017	5	68001	6800107	1	22		10	0,2509		4385	11
2017	5	68001	6800106	1	22		10	0,749		12550	94
2017	5	68001	6800105	1	22		10	0,8034		7468	60
2017	5	68001	6800103	1	22		10	0,3881		19323	75



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68001	6800108	1	22		10	0,7084		2682	19
2017	5	68001	6800116	1	22		10	2,053		6381	131
2017	5	68001	6800112	1	22		10	0,5472		32709	179
2017	5	11001	1100107	1	22		10	0,8829		139419	1231
2017	5	11001	1100111	1	22		10	2,4547		379595	9318
2017	5	11001	1100105	1	22		10	0,9361		62812	588
2017	5	11001	1100108	1	22		10	0,7619		353209	2691
2017	5	11001	1100101	1	22		10	1,5832		327949	5192
2017	5	11001	1100110	1	22		10	1,5074		286579	4320
2017	5	11001	1100109	1	22		10	1,5246		233309	3557
2017	5	11001	1100114	1	22		10	0,6182		128933	797
2017	5	11001	1100103	1	22		10	0,4972		129729	645
2017	5	11001	1100102	1	22		10	1,0909		301944	3294
2017	5	11001	1100117	1	22		10	0,4663		53827	251
2017	5	11001	1100106	1	22		10	0,9285		66993	622
2017	5	11001	1100113	1	22		10	0,8247		191575	1580
2017	5	11001	1100118	1	22		10	0,7492		104517	783
2017	5	11001	1100116	1	22		10	0,4228		208377	881
2017	5	11001	1100104	1	22		10	1,113		78077	869
2017	5	11001	1100115	1	22		10	0,9538		56090	535
2017	5	11001	1100112	1	22		10	1,2044		149612	1802
2017	5	11001	1100119	1	22		10	0,962		116011	1116
2017	5	25799		1	22		10	0,6975		8746	61
2017	5	25286		1	22		10	2,4077		37671	907
2017	5	25473		1	22		10	1,7986		39030	702
2017	5	25175		1	22		10	2,5751		64192	1653
2017	5	25758		1	22		10	2,0011		16941	339
2017	5	25307		1	22		10	1,3589		38267	520
2017	5	25377		1	22		10	2,2675		12569	285
2017	5	68081		1	22		10	0,4541		66061	300
2017	5	25430		1	22		10	2,5217		32319	815
2017	5	76111		1	22		10	0,2775		17655	49
2017	5	68679		1	22		10	0,3745		18423	69
2017	5	25214		1	22		10	2,5216		31765	801
2017	5	50001	5000101	1	22		10	0,5182		19299	100
2017	5	50001	5000102	1	22		10	0,526		63686	335
2017	5	50001	5000103	1	22		10	0,2505		26344	66
2017	5	50001	5000104	1	22		10	0,4497		23350	105
2017	5	50001	5000105	1	22		10	0,3446		48747	168
2017	5	50001	5000106	1	22		10	0,183		13112	24
2017	5	50001	5000107	1	22		10	0,8318		38710	322
2017	5	50001	5000108	1	22		10	0,5556		18360	102
2017	5	13001	1300102	1	22		10	0,4953		53506	265
2017	5	13001	1300103	1	22		10	0,6164		69921	431
2017	5	13001	1300101	1	22		10	0,5163		123572	638
2017	5	50001		1	22		10	0,5478		278406	1525
2017	5	20001		1	22		10	0,2374		95190	226
2017	5	41001		1	22		10	0,3632		132162	480
2017	5	70001		1	22		10	0,3498		73756	258
2017	5	17001		1	22		10	0,3884		171195	665
2017	5	13001		1	22		10	0,5401		246999	1334
2017	5	18001		1	22		10	0,4975		93062	463
2017	5	23001		1	22		10	0,6708		173365	1163
2017	5	63001		1	22		10	0,5936		109326	649
2017	5	8001		1	22		10	0,9705		283448	2751
2017	5	47001		1	22		10	0,4936		87108	430
2017	5	68001		1	22		10	0,6799		173419	1179
2017	5	11001		1	22		10	1,1896		3368557	40072
2017	5	54001		1	22		10	0,7025		243554	1711
2017	5	68307		1	22		10	0,3742		31269	117
2017	5	25817		1	22		10	1,6781		14421	242
2017	5	68276		1	22		10	1,1051		50491	558
2017	5	25754		1	22		10	0,8758		126631	1109
2017	5	25290		1	22		10	0,9733		52296	509
2017	5	25126		1	22		10	3,1801		31100	989
2017	5	25899		1	22		10	1,7621		47160	831
2017	5	25269		1	22		10	0,5609		49567	278
2017	5	76834		1	22		10	0,5493		32403	178
2017	5	76109		1	22		10	1,3848		43329	600
2017	5	68547		1	22		10	0,8597		24659	212
2017	5	76147		1	22		10	0,3251		35372	115
2017	5	76520		1	22		10	0,4353		58804	256
2017	5	76892		1	22		10	0,2942		49627	146
2017	5	76130		1	22		10	0,5159		15701	81
2017	5	76364		1	22		10	0,6808		23650	161
2017	5	76001	7600121	1	22		11	0,4658		4294	20
2017	5	76001		1	22		11	0,4378		517102	2264
2017	5	99001		2	22		11		1,694		
2017	5	5001	500102	1	22		11	1,9117		14856	284



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500109	1	22	11		1,2251		17958	220
2017	5	5001	500110	1	22	11		0,7731		175012	1353
2017	5	5001	500108	1	22	11		1,296		14661	190
2017	5	5001	500106	1	22	11		1,2907		13404	173
2017	5	5001	500111	1	22	11		0,6848		66003	452
2017	5	76001	7600101	1	22	11		0,3637		5499	20
2017	5	76001	7600102	1	22	11		0,2409		83847	202
2017	5	76001	7600103	1	22	11		0,3987		60190	240
2017	5	76001	7600104	1	22	11		0,1058		22682	24
2017	5	76001	7600105	1	22	11		0,2124		22594	48
2017	5	76001	7600106	1	22	11		0,2253		11985	27
2017	5	76001	7600107	1	22	11		0,4138		8458	35
2017	5	76001	7600108	1	22	11		0,5332		26258	140
2017	5	76001	7600109	1	22	11		0,3186		22596	72
2017	5	76001	7600110	1	22	11		0,4323		20818	90
2017	5	76001	7600111	1	22	11		0,7018		11827	83
2017	5	76001	7600112	1	22	11		0,4		4000	16
2017	5	76001	7600113	1	22	11		0,5376		14696	79
2017	5	76001	7600114	1	22	11		0,5447		15237	83
2017	5	76001	7600115	1	22	11		0,6201		7418	46
2017	5	76001	7600116	1	22	11		0,6571		10501	69
2017	5	76001	7600117	1	22	11		0,525		49718	261
2017	5	76001	7600118	1	22	11		0,6482		15891	103
2017	5	76001	7600119	1	22	11		0,5808		61294	356
2017	5	76001	7600120	1	22	11		0,6175		3563	22
2017	5	73001	7300101	1	22	11		0,2628		35385	93
2017	5	73001	7300102	1	22	11		0,2573		3498	9
2017	5	73001	7300103	1	22	11		0,7665		10959	84
2017	5	73001	7300104	1	22	11		0,7231		15213	110
2017	5	73001	7300105	1	22	11		0,5113		15843	81
2017	5	73001	7300106	1	22	11		0,5302		6979	37
2017	5	73001	7300107	1	22	11		0,9868		13782	136
2017	5	73001	7300108	1	22	11		0,9701		11751	114
2017	5	73001	7300109	1	22	11		2,2714		27120	616
2017	5	73001	7300110	1	22	11		0,3441		27321	94
2017	5	73001	7300111	1	22	11		0,2017		4463	9
2017	5	73001	7300112	1	22	11		0,2739		7303	20
2017	5	73001	7300113	1	22	11		0,6448		4032	26
2017	5	5001	500116	1	22	11		0,7596		54900	417
2017	5	5001	500101	1	22	11		1,5946		4139	66
2017	5	5001	500107	1	22	11		1,4605		31223	456
2017	5	5001	500104	1	22	11		1,7284		21233	367
2017	5	5001	500105	1	22	11		1,476		33876	500
2017	5	5001	500115	1	22	11		0,6277		45883	288
2017	5	5001	500103	1	22	11		1,3281		8885	118
2017	5	5001	500114	1	22	11		0,5178		117412	608
2017	5	5001	500112	1	22	11		0,6812		22902	156
2017	5	5001	500113	1	22	11		1,05		17809	187
2017	5	52001		1	22	11		0,7887		123248	972
2017	5	73001		1	22	11		0,7831		186955	1464
2017	5	5001		1	22	11		0,8902		680395	6057
2017	5	66001		1	22	11		0,3554		203446	723
2017	5	76001	7600122	1	22	11		0,5782		23004	133
2017	5	86001		2	22	17		0,4228		22707	96
2017	5	81001		1	22	17		0,4031		20838	84
2017	5	91001		2	22	18			4,8711		
2017	5	15572		1	22		18	0,6124		15022	92
2017	5	85410		1	22		18	1,8029		9651	174
2017	5	15238		1	22		18	0,4333		77318	335
2017	5	15759		1	22		18	0,5851		74512	436
2017	5	15001		1	22		18	0,6275		134829	846
2017	5	85001		1	22		18	0,698		118915	830
2017	5	95001		2	22		18	0,2695		16699	45
2017	5	15491		1	22		18	1,045		4689	49
2017	5	19001		1	22		18	0,4567		132250	604
2017	5	94001		2	22		19		2,7926		
2017	5	73268		1	22		19	0,5326		22342	119
2017	5	44847		1	22		19	0,2831		5652	16
2017	5	5088		1	22		19	2,0016		67446	1350
2017	5	5837		1	22		19	1,0065		24440	246
2017	5	5615		1	22		19	0,5891		52789	311
2017	5	5129		1	22		19	0,9459		16386	155
2017	5	50006		1	22		19	1,0304		30958	319
2017	5	52356		1	22		19	0,8767		17794	156
2017	5	5308		1	22		19	0,6307		11416	72
2017	5	8573		1	22		19	0,4484		9144	41
2017	5	54874		1	22		19	1,5272		13685	209
2017	5	50568		1	22		19	1,2914		12777	165
2017	5	5360		1	22		19	1,3234		36345	481



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5045		1	22		19	0,6128		33127	203
2017	5	5631		1	22		19	1,0574		18630	197
2017	5	27001		2	22	19		1,4526		51288	745
2017	5	44001		1	22	19		0,4888		23938	117
2017	5	88001		2	22	19		0,636		8491	54
2017	5	5380		1	22		19	1,4338		10880	156
2017	5	5607		1	22		19	0,4147		6029	25
2017	5	44430		1	22		19	0,4258		11978	51
2017	5	54405		1	22		19	0,4017		19416	78
2017	5	17380		1	22		19	0,6835		21214	145
2017	5	5318		1	22		19	0,8065		11903	96
2017	5	20011		1	22		19	0,5466		17196	94
2017	5	44560		1	22		19	0,7015		2566	18
2017	5	66170		1	22		19	0,5609		56337	316
2017	5	5266		1	22		19	1,2008		43220	519
2017	5	20400		1	22		19	0,5609		13905	78
2017	5	54498		1	22		19	0,7806		23186	181
2017	5	52835		1	22		19	0,6416		22755	146
2017	5	73449		1	22		19	0,6442		18783	121
2017	5	41551		1	22		19	1,0271		42742	439
2017	5	8758		1	22		19	0,6257		45867	287
2017	5	5212		1	22		19	1,3294		13314	177
2017	5	5376		1	22		19	0,7824		13932	109
2017	5	99001		2	23	9			1,6796		
2017	5	54001	5400106	1	23	10		1,1146		24493	273
2017	5	76364		1	23		10	0,6546		23832	156
2017	5	54001	5400104	1	23	10		0,7486		12958	97
2017	5	54001	5400110	1	23	10		1,0183		8544	87
2017	5	54001	5400108	1	23	10		0,483		19669	95
2017	5	54001	5400105	1	23	10		0,648		29936	194
2017	5	54001	5400103	1	23	10		1,2022		10897	131
2017	5	54001	5400107	1	23	10		0,7408		17684	131
2017	5	54001	5400109	1	23	10		0,7619		12994	99
2017	5	54001	5400102	1	23	10		0,7223		30873	223
2017	5	97001		2	23	10			0,1062		
2017	5	8573		1	23		10	0,3669		13899	51
2017	5	76111		1	23		10	0,276		18477	51
2017	5	73001	7300101	1	23	10		0,235		34896	82
2017	5	73001	7300102	1	23	10		0,2671		3370	9
2017	5	73001	7300103	1	23	10		0,5798		11556	67
2017	5	73001	7300104	1	23	10		0,5917		14873	88
2017	5	73001	7300105	1	23	10		0,4814		15788	76
2017	5	73001	7300106	1	23	10		0,5792		7424	43
2017	5	73001	7300107	1	23	10		1,0702		14297	153
2017	5	73001	7300108	1	23	10		0,8696		11614	101
2017	5	73001	7300109	1	23	10		1,9026		28698	546
2017	5	73001	7300110	1	23	10		0,3439		27914	96
2017	5	73001	7300111	1	23	10		0,1573		4450	7
2017	5	73001	7300112	1	23	10		0,1719		7561	13
2017	5	73001	7300113	1	23	10		0,6747		5336	36
2017	5	13001	1300102	1	23	10		0,5208		52612	274
2017	5	13001	1300103	1	23	10		0,6231		69168	431
2017	5	13001	1300101	1	23	10		0,5725		124189	711
2017	5	20001		1	23	10		0,2632		93861	247
2017	5	41001		1	23	10		0,461		136430	629
2017	5	70001		1	23	10		0,3545		73908	262
2017	5	73001		1	23	10		0,7049		191377	1349
2017	5	13001		1	23	10		0,5757		245969	1416
2017	5	23001		1	23	10		0,6134		164319	1008
2017	5	44001		1	23	10		0,4051		27646	112
2017	5	47001		1	23	10		0,4335		82117	356
2017	5	54001		1	23	10		0,7148		233773	1671
2017	5	76834		1	23		10	0,5403		31092	168
2017	5	76109		1	23		10	0,3785		52838	200
2017	5	76147		1	23		10	0,2854		36091	103
2017	5	8758		1	23		10	0,3657		48680	178
2017	5	76520		1	23		10	0,5162		60634	313
2017	5	76892		1	23		10	0,315		48574	153
2017	5	76130		1	23		10	0,6458		15485	100
2017	5	54001	5400101	1	23	10		0,4194		62467	262
2017	5	76001	7600119	1	23	11		0,9933		66444	660
2017	5	76001	7600120	1	23	11		0,4793		3547	17
2017	5	50001	5000101	1	23	11		0,5498		19463	107
2017	5	50001	5000102	1	23	11		0,6251		67189	420
2017	5	50001	5000103	1	23	11		0,2426		25555	62
2017	5	50001	5000104	1	23	11		0,4711		22499	106
2017	5	50001	5000105	1	23	11		0,3251		46451	151
2017	5	50001	5000106	1	23	11		0,2324		11618	27
2017	5	50001	5000107	1	23	11		0,6889		37015	255





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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	50001	5000108	1	23		11	0,5144		17495	90
2017	5	5001	500116	1	23		11	0,8712		52115	454
2017	5	5001	500101	1	23		11	1,5717		4263	67
2017	5	5001	500107	1	23		11	1,5903		29869	475
2017	5	5001	500104	1	23		11	1,5889		20580	327
2017	5	5001	500105	1	23		11	1,4492		32087	465
2017	5	5001	500115	1	23		11	0,5724		45075	258
2017	5	5001	500103	1	23		11	1,466		8663	127
2017	5	5001	500114	1	23		11	0,5531		117707	651
2017	5	5001	500112	1	23		11	0,6101		22620	138
2017	5	5001	500113	1	23		11	0,9632		16403	158
2017	5	50001		1	23		11	0,5435		272654	1482
2017	5	17001		1	23		11	0,4186		169845	711
2017	5	52001		1	23		11	0,7709		112990	871
2017	5	63001		1	23		11	0,5517		110936	612
2017	5	86001		2	23		11	0,4815		21186	102
2017	5	5001		1	23		11	0,9229		677659	6254
2017	5	8001		1	23		11	0,4764		275386	1312
2017	5	66001		1	23		11	0,3806		211769	806
2017	5	68001		1	23		11	0,7987		170280	1360
2017	5	11001		1	23		11	0,7704		3442111	26518
2017	5	76001		1	23		11	0,8669		525640	4557
2017	5	76001	7600121	1	23		11	0,794		4030	32
2017	5	76001	7600122	1	23		11	0,6293		24473	154
2017	5	5001	500102	1	23		11	1,7876		13202	236
2017	5	5001	500109	1	23		11	1,2031		17206	207
2017	5	5001	500110	1	23		11	0,8843		183540	1623
2017	5	5001	500108	1	23		11	1,1146		14265	159
2017	5	5001	500106	1	23		11	1,3063		13090	171
2017	5	5001	500111	1	23		11	0,7397		66919	495
2017	5	8001	800105	1	23		11	0,341		37537	128
2017	5	8001	800103	1	23		11	0,4307		43654	188
2017	5	8001	800102	1	23		11	0,6293		17797	112
2017	5	8001	800101	1	23		11	1,0609		32802	348
2017	5	8001	800104	1	23		11	0,3686		141089	520
2017	5	68001	6800111	1	23		11	0,5116		4300	22
2017	5	68001	6800117	1	23		11	0,9688		2787	27
2017	5	68001	6800101	1	23		11	0,7847		5607	44
2017	5	68001	6800115	1	23		11	0,4625		19025	88
2017	5	68001	6800113	1	23		11	0,6501		31381	204
2017	5	68001	6800110	1	23		11	1,4102		8084	114
2017	5	68001	6800104	1	23		11	0,532		14473	77
2017	5	68001	6800107	1	23		11	0,6168		2756	17
2017	5	68001	6800106	1	23		11	0,8439		12679	107
2017	5	68001	6800105	1	23		11	1,2878		8076	104
2017	5	68001	6800103	1	23		11	0,4728		18826	89
2017	5	68001	6800108	1	23		11	0,921		2606	24
2017	5	68001	6800116	1	23		11	2,3405		5298	124
2017	5	68001	6800112	1	23		11	0,9054		32362	293
2017	5	11001	1100107	1	23		11	0,8532		129159	1102
2017	5	11001	1100111	1	23		11	0,9399		364490	3426
2017	5	11001	1100105	1	23		11	0,8212		57478	472
2017	5	11001	1100108	1	23		11	0,9059		349812	3169
2017	5	11001	1100101	1	23		11	0,8056		332541	2679
2017	5	11001	1100110	1	23		11	0,684		280413	1918
2017	5	11001	1100109	1	23		11	0,7557		230660	1743
2017	5	11001	1100114	1	23		11	0,8749		157726	1380
2017	5	11001	1100103	1	23		11	0,6327		150779	954
2017	5	11001	1100102	1	23		11	0,4534		335653	1522
2017	5	11001	1100117	1	23		11	0,4757		67478	321
2017	5	11001	1100106	1	23		11	0,9275		63614	590
2017	5	11001	1100113	1	23		11	0,6446		208796	1346
2017	5	11001	1100118	1	23		11	0,7201		102069	735
2017	5	11001	1100116	1	23		11	0,8065		222316	1793
2017	5	11001	1100104	1	23		11	1,276		72494	925
2017	5	11001	1100115	1	23		11	0,9762		58387	570
2017	5	11001	1100112	1	23		11	0,5904		154128	910
2017	5	11001	1100119	1	23		11	0,9249		104118	963
2017	5	76001	7600101	1	23		11	0,8624		5334	46
2017	5	76001	7600102	1	23		11	0,9722		83107	808
2017	5	76001	7600103	1	23		11	0,9303		63313	589
2017	5	76001	7600104	1	23		11	0,7961		22988	183
2017	5	76001	7600105	1	23		11	0,9947		21515	214
2017	5	76001	7600106	1	23		11	0,582		11856	69
2017	5	76001	7600107	1	23		11	0,3622		8559	31
2017	5	76001	7600108	1	23		11	1,0005		25788	258
2017	5	76001	7600109	1	23		11	1,0231		23166	237
2017	5	76001	7600110	1	23		11	0,6292		21615	136
2017	5	76001	7600111	1	23		11	0,9597		11358	109



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76001	7600112	1	23		11	0,5499		4001	22
2017	5	76001	7600113	1	23		11	0,6592		14260	94
2017	5	76001	7600114	1	23		11	0,9013		14867	134
2017	5	76001	7600115	1	23		11	0,7988		7386	59
2017	5	76001	7600116	1	23		11	0,6677		9884	66
2017	5	76001	7600117	1	23		11	0,6482		50753	329
2017	5	76001	7600118	1	23		11	1,2318		16317	201
2017	5	15572		1	23		18	0,8859		16593	147
2017	5	25799		1	23		18	1,2737		5810	74
2017	5	25286		1	23		18	1,9166		31044	595
2017	5	25473		1	23		18	1,2482		39658	495
2017	5	25175		1	23		18	0,721		60198	434
2017	5	25758		1	23		18	1,4561		13804	201
2017	5	25307		1	23		18	0,5746		39856	229
2017	5	25377		1	23		18	0,687		12373	85
2017	5	15238		1	23		18	0,3845		80621	310
2017	5	25430		1	23		18	1,384		33742	467
2017	5	25214		1	23		18	0,8682		20156	175
2017	5	81001		1	23		18	0,6045		20513	124
2017	5	15001		1	23		18	0,5215		134616	702
2017	5	85001		1	23		18	0,7337		122798	901
2017	5	15491		1	23		18	1,016		4429	45
2017	5	25817		1	23		18	0,5362		13055	70
2017	5	25754		1	23		18	1,0562		136149	1438
2017	5	25290		1	23		18	1,2655		54997	696
2017	5	25126		1	23		18	1,3902		30571	425
2017	5	25899		1	23		18	1,2906		49744	642
2017	5	25269		1	23		18	0,6619		55595	368
2017	5	15759		1	23		18	0,5311		74189	394
2017	5	94001		2	23		19		3,0522		
2017	5	73268		1	23		19	0,5134		23375	120
2017	5	5376		1	23		19	0,7135		12895	92
2017	5	44847		1	23		19	0,4161		5287	22
2017	5	5088		1	23		19	1,9475		68396	1332
2017	5	5837		1	23		19	0,9876		23695	234
2017	5	5615		1	23		19	0,495		54342	269
2017	5	5129		1	23		19	0,752		17154	129
2017	5	50006		1	23		19	0,9385		30687	288
2017	5	52356		1	23		19	0,9456		17872	169
2017	5	5308		1	23		19	0,9882		11435	113
2017	5	85410		1	23		19	1,6696		7906	132
2017	5	54874		1	23		19	1,5442		13599	210
2017	5	50568		1	23		19	1,0342		12860	133
2017	5	5360		1	23		19	1,2912		37871	489
2017	5	68081		1	23		19	0,673		53939	363
2017	5	5045		1	23		19	0,6888		32957	227
2017	5	5631		1	23		19	0,9523		20057	191
2017	5	68679		1	23		19	0,5267		12152	64
2017	5	19001		1	23		19	0,5464		114567	626
2017	5	27001		2	23		19	1,5319		47392	726
2017	5	18001		1	23		19	0,5416		79019	428
2017	5	95001		2	23		19	0,2175		14250	31
2017	5	88001		2	23		19	0,3102		8704	27
2017	5	68307		1	23		19	0,631		21079	133
2017	5	5380		1	23		19	1,24		11774	146
2017	5	5607		1	23		19	0,4145		6514	27
2017	5	44430		1	23		19	0,316		12024	38
2017	5	68276		1	23		19	1,4744		45103	665
2017	5	54405		1	23		19	0,4248		19068	81
2017	5	17380		1	23		19	0,9171		22026	202
2017	5	5318		1	23		19	0,6101		12130	74
2017	5	20011		1	23		19	0,4101		17069	70
2017	5	44560		1	23		19	1,5054		2325	35
2017	5	66170		1	23		19	0,5397		56329	304
2017	5	5266		1	23		19	1,0927		45482	497
2017	5	20400		1	23		19	0,3778		14557	55
2017	5	54498		1	23		19	0,7916		22738	180
2017	5	52835		1	23		19	0,5721		22722	130
2017	5	73449		1	23		19	0,5513		19227	106
2017	5	68547		1	23		19	1,1268		20855	235
2017	5	41551		1	23		19	1,1227		43554	489
2017	5	5212		1	23		19	1,4143		13788	195
2017	5	91001		2	23		19		4,7366		
2017	5	88001		2	24		9	0,4546		10118	46
2017	5	70001		1	24		9	0,313		73172	229
2017	5	54001	5400106	1	24		10	1,0946		24483	268
2017	5	76364		1	24		10	0,6319		22788	144
2017	5	54001	5400104	1	24		10	0,8363		13033	109
2017	5	54001	5400110	1	24		10	0,8344		8509	71



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	54001	5400108	1	24		10		0,5602	19636	110
2017	5	54001	5400105	1	24		10		0,8461	30020	254
2017	5	54001	5400103	1	24		10		1,2203	10817	132
2017	5	54001	5400107	1	24		10		0,7307	18064	132
2017	5	54001	5400109	1	24		10		0,7841	12626	99
2017	5	54001	5400102	1	24		10		0,6811	30247	206
2017	5	8001	800105	1	24		10		0,5449	39274	214
2017	5	8001	800103	1	24		10		0,4965	41696	207
2017	5	8001	800102	1	24		10		0,5937	17516	104
2017	5	8001	800101	1	24		10		0,6012	32932	198
2017	5	8001	800104	1	24		10		0,3899	144411	563
2017	5	76111		1	24		10		0,3411	17298	59
2017	5	73001	7300101	1	24		10		0,2269	33051	75
2017	5	73001	7300102	1	24		10		0,3422	3507	12
2017	5	73001	7300103	1	24		10		0,4003	11241	45
2017	5	73001	7300104	1	24		10		0,7014	15255	107
2017	5	73001	7300105	1	24		10		0,5031	15702	79
2017	5	73001	7300106	1	24		10		0,3645	7134	26
2017	5	73001	7300107	1	24		10		0,8837	13014	115
2017	5	73001	7300108	1	24		10		0,6718	11759	79
2017	5	73001	7300109	1	24		10		1,6131	28393	458
2017	5	73001	7300110	1	24		10		0,3903	28187	110
2017	5	73001	7300111	1	24		10		0,2488	4421	11
2017	5	73001	7300112	1	24		10		0,3722	7254	27
2017	5	73001	7300113	1	24		10		0,4395	4323	19
2017	5	13001	1300102	1	24		10		0,4604	52999	244
2017	5	13001	1300103	1	24		10		0,5959	69981	417
2017	5	13001	1300101	1	24		10		0,4923	125331	617
2017	5	20001		1	24		10		0,2926	94672	277
2017	5	41001		1	24		10		0,6229	136292	849
2017	5	17001		1	24		10		0,4304	164496	708
2017	5	52001		1	24		10		0,8212	112756	926
2017	5	73001		1	24		10		0,648	186716	1210
2017	5	13001		1	24		10		0,5147	248311	1278
2017	5	23001		1	24		10		0,5346	168740	902
2017	5	85001		1	24		10		0,555	117653	653
2017	5	86001		2	24		10		0,4727	21790	103
2017	5	8001		1	24		10		0,4683	278260	1303
2017	5	47001		1	24		10		0,4254	82270	350
2017	5	66001		1	24		10		0,3313	203724	675
2017	5	54001		1	24		10		0,7604	228047	1734
2017	5	76834		1	24		10		0,4727	31309	148
2017	5	76109		1	24		10		0,5247	40782	214
2017	5	76147		1	24		10		0,3029	34340	104
2017	5	76520		1	24		10		0,5241	58003	304
2017	5	76892		1	24		10		0,3018	48709	147
2017	5	76130		1	24		10		0,6567	15380	101
2017	5	54001	5400101	1	24		10		0,4494	57406	258
2017	5	50001	5000103	1	24		11		0,2308	26859	62
2017	5	50001	5000104	1	24		11		0,4142	23175	96
2017	5	50001	5000105	1	24		11		0,3995	47556	190
2017	5	50001	5000106	1	24		11		0,2646	12093	32
2017	5	50001	5000107	1	24		11		1,0415	38696	403
2017	5	50001	5000108	1	24		11		0,5349	17948	96
2017	5	5001	500116	1	24		11		0,9494	52561	499
2017	5	5001	500101	1	24		11		1,7505	4056	71
2017	5	5001	500107	1	24		11		1,5964	30507	487
2017	5	5001	500104	1	24		11		1,6542	20433	338
2017	5	5001	500105	1	24		11		1,5431	31820	491
2017	5	5001	500115	1	24		11		0,6502	44604	290
2017	5	5001	500103	1	24		11		1,2442	8600	107
2017	5	5001	500114	1	24		11		0,5616	115731	650
2017	5	5001	500112	1	24		11		0,6871	22268	153
2017	5	5001	500113	1	24		11		1,0132	16878	171
2017	5	50001		1	24		11		0,5571	275362	1534
2017	5	63001		1	24		11		0,5514	109359	603
2017	5	5001		1	24		11		0,9731	663361	6455
2017	5	68001		1	24		11		0,7103	167966	1193
2017	5	11001		1	24		11		0,6936	3400510	23587
2017	5	76001		1	24		11		0,4053	513997	2083
2017	5	76001	7600121	1	24		11		0,6217	4182	26
2017	5	76001	7600122	1	24		11		0,4593	23947	110
2017	5	97001		2	24		11				
2017	5	5001	500102	1	24		11		1,8307	12891	236
2017	5	5001	500109	1	24		11		1,3815	17662	244
2017	5	5001	500110	1	24		11		0,8965	174126	1561
2017	5	5001	500108	1	24		11		1,2602	14125	178
2017	5	5001	500106	1	24		11		1,7575	12859	226
2017	5	5001	500111	1	24		11		0,7751	65668	509



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68001	6800111	1	24	11		0,5784		4322	25
2017	5	68001	6800117	1	24	11		1,0919		2839	31
2017	5	68001	6800101	1	24	11		0,6246		5924	37
2017	5	68001	6800115	1	24	11		0,441		16553	73
2017	5	68001	6800113	1	24	11		0,674		30414	205
2017	5	68001	6800110	1	24	11		1,1447		8212	94
2017	5	68001	6800104	1	24	11		0,68		14853	101
2017	5	68001	6800107	1	24	11		0,5606		2854	16
2017	5	68001	6800106	1	24	11		0,595		12605	75
2017	5	68001	6800105	1	24	11		1,2479		7773	97
2017	5	68001	6800103	1	24	11		0,4693		18964	89
2017	5	68001	6800108	1	24	11		0,6833		2488	17
2017	5	68001	6800116	1	24	11		1,6944		6374	108
2017	5	68001	6800112	1	24	11		0,6403		31862	204
2017	5	11001	1100107	1	24	11		0,8526		128432	1095
2017	5	11001	1100111	1	24	11		0,8665		364583	3159
2017	5	11001	1100105	1	24	11		0,818		56356	461
2017	5	11001	1100108	1	24	11		0,8919		341978	3050
2017	5	11001	1100101	1	24	11		0,764		331564	2533
2017	5	11001	1100110	1	24	11		0,5377		280804	1510
2017	5	11001	1100109	1	24	11		0,6569		227579	1495
2017	5	11001	1100114	1	24	11		0,5174		150765	780
2017	5	11001	1100103	1	24	11		0,5208		158986	828
2017	5	11001	1100102	1	24	11		0,4554		321479	1464
2017	5	11001	1100117	1	24	11		0,5018		69750	350
2017	5	11001	1100106	1	24	11		1,0571		63381	670
2017	5	11001	1100113	1	24	11		0,6383		208832	1333
2017	5	11001	1100118	1	24	11		0,8305		98377	817
2017	5	11001	1100116	1	24	11		0,458		205893	943
2017	5	11001	1100104	1	24	11		1,227		72532	890
2017	5	11001	1100115	1	24	11		0,7068		57581	407
2017	5	11001	1100112	1	24	11		0,518		158119	819
2017	5	11001	1100119	1	24	11		0,9496		103519	983
2017	5	76001	7600101	1	24	11		0,5244		5149	27
2017	5	76001	7600102	1	24	11		0,2813		82815	233
2017	5	76001	7600103	1	24	11		0,3867		60512	234
2017	5	76001	7600104	1	24	11		0,1589		22660	36
2017	5	76001	7600105	1	24	11		0,2016		21821	44
2017	5	76001	7600106	1	24	11		0,2799		11432	32
2017	5	76001	7600107	1	24	11		0,3639		7969	29
2017	5	76001	7600108	1	24	11		0,2488		24924	62
2017	5	76001	7600109	1	24	11		0,2365		21989	52
2017	5	76001	7600110	1	24	11		0,3598		20289	73
2017	5	76001	7600111	1	24	11		0,4632		11227	52
2017	5	76001	7600112	1	24	11		0,2664		3754	10
2017	5	76001	7600113	1	24	11		0,6548		14661	96
2017	5	76001	7600114	1	24	11		0,5298		15101	80
2017	5	76001	7600115	1	24	11		0,6417		7324	47
2017	5	76001	7600116	1	24	11		0,417		9832	41
2017	5	76001	7600117	1	24	11		0,4474		51182	229
2017	5	76001	7600118	1	24	11		0,5765		16479	95
2017	5	76001	7600119	1	24	11		0,5779		62298	360
2017	5	76001	7600120	1	24	11		0,5221		3639	19
2017	5	50001	5000101	1	24	11		0,4728		20306	96
2017	5	50001	5000102	1	24	11		0,4275		62451	267
2017	5	99001		2	24	17			2,607		
2017	5	94001		2	24	18			2,6738		
2017	5	91001		2	24	18			4,0119		
2017	5	15572		1	24		18	0,7693		16248	125
2017	5	15238		1	24		18	0,4288		76499	328
2017	5	15759		1	24		18	0,6021		74072	446
2017	5	15001		1	24	18		0,49		132041	647
2017	5	95001		2	24	18		0,2343		16646	39
2017	5	15491		1	24		18	1,2112		4706	57
2017	5	81001		1	24	18		0,3929		20106	79
2017	5	5376		1	24		19	0,7658		14102	108
2017	5	44847		1	24		19	0,2394		5847	14
2017	5	5088		1	24		19	1,7992		69477	1250
2017	5	5837		1	24		19	0,9187		22205	204
2017	5	25799		1	24		19	0,7816		3966	31
2017	5	5615		1	24		19	0,4505		56610	255
2017	5	5129		1	24		19	0,7711		16988	131
2017	5	50006		1	24		19	1,2065		27684	334
2017	5	25286		1	24		19	1,5281		25326	387
2017	5	25473		1	24		19	1,5176		34000	516
2017	5	52356		1	24		19	1,0306		17271	178
2017	5	5308		1	24		19	0,8169		11997	98
2017	5	8573		1	24		19	0,3341		8679	29
2017	5	85410		1	24		19	1,4833		7955	118



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	25175		1	24		19	0,7642		48545	371
2017	5	54874		1	24		19	1,4764		13817	204
2017	5	50568		1	24		19	1,5436		12374	191
2017	5	5360		1	24		19	1,2468		37616	469
2017	5	25758		1	24		19	1,3199		10834	143
2017	5	25307		1	24		19	0,7825		34123	267
2017	5	25377		1	24		19	0,7399		10407	77
2017	5	68081		1	24		19	0,641		55383	355
2017	5	25430		1	24		19	1,4279		29274	418
2017	5	5045		1	24		19	0,6537		31818	208
2017	5	5631		1	24		19	0,881		21112	186
2017	5	68679		1	24		19	0,5135		13048	67
2017	5	25214		1	24		19	1,0827		13670	148
2017	5	19001		1	24	19		0,4244		114289	485
2017	5	27001		2	24	19	19	1,0549		47304	499
2017	5	18001		1	24	19		0,6366		75090	478
2017	5	44001		1	24	19		0,4818		24490	118
2017	5	68307		1	24		19	0,8306		21792	181
2017	5	25817		1	24		19	0,7208		10822	78
2017	5	5380		1	24		19	1,215		11770	143
2017	5	5607		1	24		19	0,2688		6324	17
2017	5	44430		1	24		19	0,2862		12229	35
2017	5	68276		1	24		19	0,979		46478	455
2017	5	54405		1	24		19	0,3823		20140	77
2017	5	25754		1	24		19	1,5309		136649	2092
2017	5	17380		1	24		19	0,9784		22282	218
2017	5	5318		1	24		19	0,6161		12335	76
2017	5	25290		1	24		19	1,4099		43904	619
2017	5	20011		1	24		19	0,4258		18319	78
2017	5	44560		1	24		19	0,7799		2308	18
2017	5	66170		1	24		19	0,5105		55235	282
2017	5	25126		1	24		19	1,497		24984	374
2017	5	5266		1	24		19	0,9817		45535	447
2017	5	25899		1	24		19	1,2822		40166	515
2017	5	20400		1	24		19	0,4445		14623	65
2017	5	54498		1	24		19	0,6105		23751	145
2017	5	25269		1	24		19	1,0951		48033	526
2017	5	52835		1	24		19	0,6056		22128	134
2017	5	73449		1	24		19	0,5855		19300	113
2017	5	68547		1	24		19	1,5001		21532	323
2017	5	41551		1	24		19	1,0083		43339	437
2017	5	8758		1	24		19	0,511		45401	232
2017	5	5212		1	24		19	1,3301		13834	184
2017	5	73268		1	24		19	0,6641		24091	160
2017	5	73001	7300101	1	25	10		0,4415		33070	146
2017	5	73001	7300102	1	25	10		0,3597		3336	12
2017	5	73001	7300103	1	25	10		0,5629		11015	62
2017	5	73001	7300104	1	25	10		0,7667		14869	114
2017	5	73001	7300105	1	25	10		0,5434		16009	87
2017	5	73001	7300106	1	25	10		0,2983		7040	21
2017	5	73001	7300107	1	25	10		0,8394		13581	114
2017	5	73001	7300108	1	25	10		0,6692		11507	77
2017	5	73001	7300109	1	25	10		1,4954		27485	411
2017	5	73001	7300110	1	25	10		0,2188		26965	59
2017	5	73001	7300111	1	25	10		0,0847		4723	4
2017	5	73001	7300112	1	25	10		0,2613		7272	19
2017	5	73001	7300113	1	25	10		0,4968		4227	21
2017	5	13001	1300102	1	25	10		0,5186		53028	275
2017	5	13001	1300103	1	25	10		0,6576		69492	457
2017	5	13001	1300101	1	25	10		0,4871		126043	614
2017	5	50001		1	25	10		0,5611		279633	1569
2017	5	20001		1	25	10		0,2134		94658	202
2017	5	27001		2	25	10		0,8665		52627	456
2017	5	41001		1	25	10		0,3351		136689	458
2017	5	70001		1	25	10		0,7774		71523	556
2017	5	17001		1	25	10		0,4892		167827	821
2017	5	52001		1	25	10		0,7778		114044	887
2017	5	73001		1	25	10		0,6424		184611	1186
2017	5	13001		1	25	10		0,5415		248563	1346
2017	5	18001		1	25	10		0,4354		89115	388
2017	5	23001		1	25	10		0,6459		162418	1049
2017	5	63001		1	25	10		0,5591		110355	617
2017	5	8001		1	25	10		0,3852		277536	1069
2017	5	47001		1	25	10		1,472		85936	1265
2017	5	66001		1	25	10		0,3463		203572	705
2017	5	68001		1	25	10		0,6626		166456	1103
2017	5	76001		1	25	10		0,3899		507522	1979
2017	5	54001		1	25	10		0,6975		234269	1634
2017	5	68307		1	25		10	0,436		32109	140



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68276		1	25		10	0,8404		50333	423
2017	5	76834		1	25		10	0,4431		32270	143
2017	5	76109		1	25		10	0,4577		38453	176
2017	5	68547		1	25		10	0,8912		24797	221
2017	5	76147		1	25		10	0,3191		35720	114
2017	5	8758		1	25		10	0,3153		48209	152
2017	5	76520		1	25		10	0,523		58699	307
2017	5	76892		1	25		10	0,2471		48149	119
2017	5	76130		1	25		10	0,7019		15671	110
2017	5	76364		1	25		10	0,7203		22492	162
2017	5	76001	7600121	1	25	10		0,3351		3880	13
2017	5	76001	7600122	1	25	10		0,5149		24861	128
2017	5	54001	5400106	1	25	10		1,1112		24478	272
2017	5	54001	5400101	1	25	10		0,428		59342	254
2017	5	54001	5400104	1	25	10		0,9202		13801	127
2017	5	54001	5400110	1	25	10		0,7497		9337	70
2017	5	54001	5400108	1	25	10		0,5741		19508	112
2017	5	54001	5400105	1	25	10		0,6178		31238	193
2017	5	54001	5400103	1	25	10		1,1943		10718	128
2017	5	54001	5400107	1	25	10		0,6989		18887	132
2017	5	54001	5400109	1	25	10		0,5338		13489	72
2017	5	54001	5400102	1	25	10		0,6739		30420	205
2017	5	99001		2	25	10			2,1238		
2017	5	8001	800105	1	25	10		0,3904		39700	155
2017	5	8001	800103	1	25	10		0,4616		42032	194
2017	5	8001	800102	1	25	10		0,4819		17431	84
2017	5	8001	800101	1	25	10		0,5724		34240	196
2017	5	8001	800104	1	25	10		0,3004		141494	425
2017	5	68001	6800111	1	25	10		0,7298		4248	31
2017	5	68001	6800117	1	25	10		1,006		2982	30
2017	5	68001	6800101	1	25	10		0,5472		6031	33
2017	5	68001	6800115	1	25	10		0,4474		15646	70
2017	5	68001	6800113	1	25	10		0,651		29645	193
2017	5	68001	6800110	1	25	10		0,9374		8534	80
2017	5	68001	6800104	1	25	10		0,588		15136	89
2017	5	68001	6800107	1	25	10		0,4657		3006	14
2017	5	68001	6800106	1	25	10		0,5462		12633	69
2017	5	68001	6800105	1	25	10		1,3238		7705	102
2017	5	68001	6800103	1	25	10		0,5543		18762	104
2017	5	68001	6800108	1	25	10		0,7164		2652	19
2017	5	68001	6800116	1	25	10		1,3948		6596	92
2017	5	68001	6800112	1	25	10		0,5132		30983	159
2017	5	76001	7600101	1	25	10		0,4032		5208	21
2017	5	76001	7600102	1	25	10		0,2578		79914	206
2017	5	76001	7600103	1	25	10		0,3721		59122	220
2017	5	76001	7600104	1	25	10		0,1248		22430	28
2017	5	76001	7600105	1	25	10		0,29		21379	62
2017	5	76001	7600106	1	25	10		0,356		11235	40
2017	5	76001	7600107	1	25	10		0,4694		8308	39
2017	5	76001	7600108	1	25	10		0,2359		25007	59
2017	5	76001	7600109	1	25	10		0,2964		21930	65
2017	5	76001	7600110	1	25	10		0,272		21321	58
2017	5	76001	7600111	1	25	10		0,6309		11412	72
2017	5	76001	7600112	1	25	10		0,2643		3783	10
2017	5	76001	7600113	1	25	10		0,5294		13977	74
2017	5	76001	7600114	1	25	10		0,3308		14206	47
2017	5	76001	7600115	1	25	10		0,7735		6852	53
2017	5	76001	7600116	1	25	10		0,4917		10168	50
2017	5	76001	7600117	1	25	10		0,4865		51392	250
2017	5	76001	7600118	1	25	10		0,4786		16298	78
2017	5	76001	7600119	1	25	10		0,5263		60609	319
2017	5	76001	7600120	1	25	10		0,3107		3540	11
2017	5	8573		1	25		10	0,2901		13787	40
2017	5	68081		1	25		10	0,4493		64551	290
2017	5	76111		1	25		10	0,2936		18049	53
2017	5	68679		1	25		10	0,3075		17233	53
2017	5	50001	5000101	1	25	10		0,6268		20103	126
2017	5	50001	5000102	1	25	10		0,3358		62531	210
2017	5	50001	5000103	1	25	10		0,2013		26823	54
2017	5	50001	5000104	1	25	10		0,4862		23243	113
2017	5	50001	5000105	1	25	10		0,3773		48766	184
2017	5	50001	5000106	1	25	10		0,1324		12082	16
2017	5	50001	5000107	1	25	10		0,9908		40067	397
2017	5	50001	5000108	1	25	10		0,5061		18177	92
2017	5	97001		2	25	11			0,1019		
2017	5	5001	500102	1	25	11		1,5609		13646	213
2017	5	5001	500109	1	25	11		1,2941		17773	230
2017	5	5001	500110	1	25	11		0,8413		173187	1457
2017	5	5001	500108	1	25	11		1,3366		13766	184



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500106	1	25	11		1,6786		12451	209
2017	5	5001	500111	1	25	11		0,8112		66688	541
2017	5	11001	1100107	1	25	11		0,7689		126022	969
2017	5	11001	1100111	1	25	11		0,8002		362389	2900
2017	5	11001	1100105	1	25	11		0,8338		56249	469
2017	5	11001	1100108	1	25	11		0,9403		341163	3208
2017	5	11001	1100101	1	25	11		0,7429		324928	2414
2017	5	11001	1100110	1	25	11		0,5464		279263	1526
2017	5	11001	1100109	1	25	11		0,7533		223541	1684
2017	5	11001	1100114	1	25	11		0,5422		151056	819
2017	5	11001	1100103	1	25	11		0,5072		146690	744
2017	5	11001	1100102	1	25	11		0,424		317187	1345
2017	5	11001	1100117	1	25	11		0,5113		65911	337
2017	5	11001	1100106	1	25	11		0,9186		64007	588
2017	5	11001	1100113	1	25	11		0,5094		202019	1029
2017	5	11001	1100118	1	25	11		0,7298		98244	717
2017	5	11001	1100116	1	25	11		0,4274		209890	897
2017	5	11001	1100104	1	25	11		1,1938		71874	858
2017	5	11001	1100115	1	25	11		0,625		58399	365
2017	5	11001	1100112	1	25	11		0,479		154504	740
2017	5	11001	1100119	1	25	11		0,9705		103242	1002
2017	5	5001	500116	1	25	11		0,7577		52922	401
2017	5	5001	500101	1	25	11		1,4338		3836	55
2017	5	5001	500107	1	25	11		1,4598		29867	436
2017	5	5001	500104	1	25	11		1,4844		20345	302
2017	5	5001	500105	1	25	11		1,4353		31214	448
2017	5	5001	500115	1	25	11		0,5023		44790	225
2017	5	5001	500103	1	25	11		1,2425		8612	107
2017	5	5001	500114	1	25	11		0,5281		117034	618
2017	5	5001	500112	1	25	11		0,8231		20167	166
2017	5	5001	500113	1	25	11		1,2721		17530	223
2017	5	5001		1	25	11		0,9105		662528	6032
2017	5	11001		1	25	11		0,6736		3356578	22611
2017	5	86001		2	25	17		0,3727		20662	77
2017	5	25473		1	25		18	1,1961		39879	477
2017	5	25286		1	25		18	1,5443		31923	493
2017	5	15759		1	25		18	0,4444		77400	344
2017	5	25754		1	25		18	1,2762		140420	1792
2017	5	91001		2	25	18			4,845		
2017	5	25126		1	25		18	1,3978		31477	440
2017	5	25175		1	25		18	0,7528		62965	474
2017	5	15572		1	25		18	0,8386		16217	136
2017	5	25817		1	25		18	0,4116		13606	56
2017	5	15491		1	25		18	0,7146		4758	34
2017	5	25899		1	25		18	1,015		48769	495
2017	5	95001		2	25	18		0,1903		18395	35
2017	5	85001		1	25	18		0,624		127236	794
2017	5	25799		1	25		18	0,9046		5638	51
2017	5	15001		1	25	18		0,5135		144306	741
2017	5	81001		1	25	18		0,3251		20919	68
2017	5	19001		1	25	18		0,4337		131424	570
2017	5	25214		1	25		18	0,6919		21102	146
2017	5	25269		1	25		18	0,5965		55320	330
2017	5	25307		1	25		18	0,5905		40643	240
2017	5	25377		1	25		18	0,5731		12388	71
2017	5	15238		1	25		18	0,3687		78103	288
2017	5	25430		1	25		18	1,4122		33139	468
2017	5	25758		1	25		18	1,4189		14730	209
2017	5	25290		1	25		18	1,0105		53437	540
2017	5	20011		1	25		19	0,4395		18658	82
2017	5	5318		1	25		19	0,5182		12350	64
2017	5	17380		1	25		19	0,9631		21701	209
2017	5	54405		1	25		19	0,3305		21785	72
2017	5	5607		1	25		19	0,3179		6291	20
2017	5	5380		1	25		19	1,1388		12206	139
2017	5	44001		1	25	19		0,4417		24453	108
2017	5	5631		1	25		19	1,0271		19277	198
2017	5	5045		1	25		19	0,796		32414	258
2017	5	5360		1	25		19	1,2136		37738	458
2017	5	50568		1	25		19	1,0154		13886	141
2017	5	54874		1	25		19	1,3249		14492	192
2017	5	85410		1	25		19	1,6122		8870	143
2017	5	5308		1	25		19	0,9395		11708	110
2017	5	50006		1	25		19	0,7427		33660	250
2017	5	5129		1	25		19	0,7141		16384	117
2017	5	5615		1	25		19	0,6304		54412	343
2017	5	5837		1	25		19	0,7821		23272	182
2017	5	5088		1	25		19	1,8834		66900	1260
2017	5	5376		1	25		19	0,7638		13224	101



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	73268		1	25		19	0,5473		23755	130
2017	5	94001		2	25		19		3,5344		
2017	5	5212		1	25		19	1,2693		13787	175
2017	5	41551		1	25		19	0,8633		42163	364
2017	5	73449		1	25		19	0,5506		19614	108
2017	5	54498		1	25		19	0,6769		22897	155
2017	5	20400		1	25		19	0,3738		15250	57
2017	5	66170		1	25		19	0,537		53820	289
2017	5	5266		1	25		19	1,0768		43740	471
2017	5	52835		1	25		20	0,6827		20215	138
2017	5	88001		2	25		20	0,6286		7795	49
2017	5	52356		1	25		20	1,0009		14087	141
2017	5	44430		1	25		20	0,3126		10558	33
2017	5	44847		1	25		20	0,3289		5473	18
2017	5	44560		1	25		20	0,4459		1794	8
2017	5	20001		1	26		10	0,2407		96381	232
2017	5	27001		2	26		10	0,7743		52175	404
2017	5	44001		1	26		10	0,4296		27936	120
2017	5	23001		1	26		10	0,5754		168742	971
2017	5	70001		1	26		10	0,3121		75934	237
2017	5	54001		1	26		11	0,6921		242606	1679
2017	5	68307		1	26		11	0,3429		29744	102
2017	5	68276		1	26		11	1,3333		53028	707
2017	5	76834		1	26		11	0,4074		32155	131
2017	5	76109		1	26		11	0,4373		38192	167
2017	5	68547		1	26		11	0,8247		23525	194
2017	5	76147		1	26		11	0,3441		36904	127
2017	5	76520		1	26		11	0,4711		59857	282
2017	5	76892		1	26		11	0,2904		47866	139
2017	5	76130		1	26		11	0,6126		15834	97
2017	5	76364		1	26		11	0,6354		22979	146
2017	5	76001	7600109	1	26		11	0,2434		22598	55
2017	5	76001	7600110	1	26		11	0,385		21296	82
2017	5	76001	7600111	1	26		11	0,6822		11433	78
2017	5	76001	7600112	1	26		11	0,1046		3823	4
2017	5	76001	7600113	1	26		11	0,5494		14562	80
2017	5	76001	7600114	1	26		11	0,4177		14125	59
2017	5	76001	7600115	1	26		11	0,4526		7071	32
2017	5	76001	7600116	1	26		11	0,4296		10010	43
2017	5	76001	7600117	1	26		11	0,4922		53032	261
2017	5	76001	7600118	1	26		11	0,5886		16139	95
2017	5	76001	7600119	1	26		11	0,6254		63002	394
2017	5	76001	7600120	1	26		11	0,4203		3569	15
2017	5	68081		1	26		11	0,6421		73042	469
2017	5	76111		1	26		11	0,3527		18712	66
2017	5	68679		1	26		11	0,4447		16865	75
2017	5	50001	5000101	1	26		11	0,5749		19829	114
2017	5	50001	5000102	1	26		11	0,391		68030	266
2017	5	50001	5000103	1	26		11	0,1764		27218	48
2017	5	50001	5000104	1	26		11	0,5521		22822	126
2017	5	50001	5000105	1	26		11	0,3818		48715	186
2017	5	50001	5000106	1	26		11	0,1238		12120	15
2017	5	50001	5000107	1	26		11	0,8048		39762	320
2017	5	50001	5000108	1	26		11	0,4864		17680	86
2017	5	73001	7300101	1	26		11	0,5761		37144	214
2017	5	73001	7300102	1	26		11	0,5346		3367	18
2017	5	73001	7300103	1	26		11	1,4203		14293	203
2017	5	73001	7300104	1	26		11	1,5906		16283	259
2017	5	73001	7300105	1	26		11	1,367		16313	223
2017	5	73001	7300106	1	26		11	0,799		7134	57
2017	5	73001	7300107	1	26		11	0,8694		13688	119
2017	5	73001	7300108	1	26		11	1,3085		11616	152
2017	5	73001	7300109	1	26		11	1,2272		28438	349
2017	5	73001	7300110	1	26		11	0,8527		27443	234
2017	5	73001	7300111	1	26		11	0,754		3979	30
2017	5	73001	7300112	1	26		11	0,9219		8135	75
2017	5	73001	7300113	1	26		11	0,6803		4116	28
2017	5	13001	1300102	1	26		11	1,0828		51811	561
2017	5	13001	1300103	1	26		11	0,6309		68635	433
2017	5	13001	1300101	1	26		11	0,6123		127386	780
2017	5	5001	500116	1	26		11	0,6956		56209	391
2017	5	5001	500101	1	26		11	1,9415		4172	81
2017	5	5001	500107	1	26		11	1,5115		30698	464
2017	5	5001	500104	1	26		11	1,6032		21021	337
2017	5	5001	500105	1	26		11	2,1394		33608	719
2017	5	5001	500115	1	26		11	0,5797		48129	279
2017	5	5001	500103	1	26		11	1,5771		9067	143
2017	5	5001	500114	1	26		11	0,4757		121496	578
2017	5	5001	500112	1	26		11	0,7549		22520	170





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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	5001	500113	1	26	11		0,9404		17546	165
2017	5	50001		1	26	11		0,5184		283937	1472
2017	5	41001		1	26	11		0,3358		144424	485
2017	5	17001		1	26	11		0,7821		174029	1361
2017	5	52001		1	26	11		0,6977		115383	805
2017	5	73001		1	26	11		1,0174		195506	1989
2017	5	13001		1	26	11		0,7158		247832	1774
2017	5	63001		1	26	11		0,6951		111635	776
2017	5	86001		2	26	11		0,4207		21156	89
2017	5	5001		1	26	11		0,954		689216	6575
2017	5	8001		1	26	11		0,3906		283183	1106
2017	5	47001		1	26	11		0,431		84458	364
2017	5	66001		1	26	11		0,313		210526	659
2017	5	68001		1	26	11		0,6155		170918	1052
2017	5	11001		1	26	11		0,7501		3506028	26298
2017	5	76001		1	26	11		0,4262		521800	2224
2017	5	76001	7600121	1	26	11		0,5389		3526	19
2017	5	76001	7600122	1	26	11		0,6245		25942	162
2017	5	54001	5400106	1	26	11		1,1464		24947	286
2017	5	54001	5400101	1	26	11		0,3788		67059	254
2017	5	54001	5400104	1	26	11		0,7985		13149	105
2017	5	54001	5400110	1	26	11		1,0473		9166	96
2017	5	54001	5400108	1	26	11		0,4919		19518	96
2017	5	54001	5400105	1	26	11		0,7827		32325	253
2017	5	54001	5400103	1	26	11		1,0553		10992	116
2017	5	54001	5400107	1	26	11		0,733		17598	129
2017	5	54001	5400109	1	26	11		0,5996		13342	80
2017	5	54001	5400102	1	26	11		0,6091		31360	191
2017	5	5001	500102	1	26	11		3,285		13029	428
2017	5	5001	500109	1	26	11		1,1107		18097	201
2017	5	5001	500110	1	26	11		0,7591		176924	1343
2017	5	5001	500108	1	26	11		1,2598		14050	177
2017	5	5001	500106	1	26	11		1,7625		13447	237
2017	5	5001	500111	1	26	11		0,8541		69663	595
2017	5	8001	800105	1	26	11		0,3598		40851	147
2017	5	8001	800103	1	26	11		0,3867		41892	162
2017	5	8001	800102	1	26	11		0,4819		17224	83
2017	5	8001	800101	1	26	11		0,5385		33614	181
2017	5	8001	800104	1	26	11		0,3532		147225	520
2017	5	68001	6800111	1	26	11		0,3073		4230	13
2017	5	68001	6800117	1	26	11		1,0139		3156	32
2017	5	68001	6800101	1	26	11		0,8428		5814	49
2017	5	68001	6800115	1	26	11		0,4659		15883	74
2017	5	68001	6800113	1	26	11		0,5465		31839	174
2017	5	68001	6800110	1	26	11		0,8419		8196	69
2017	5	68001	6800104	1	26	11		0,6841		14911	102
2017	5	68001	6800107	1	26	11		0,4346		2991	13
2017	5	68001	6800106	1	26	11		0,4387		13448	59
2017	5	68001	6800105	1	26	11		1,5698		7708	121
2017	5	68001	6800103	1	26	11		0,4253		19515	83
2017	5	68001	6800108	1	26	11		0,6709		2832	19
2017	5	68001	6800116	1	26	11		1,1955		6441	77
2017	5	68001	6800112	1	26	11		0,4702		31902	150
2017	5	11001	1100107	1	26	11		0,7971		133736	1066
2017	5	11001	1100111	1	26	11		0,8029		379986	3051
2017	5	11001	1100105	1	26	11		0,8306		58750	488
2017	5	11001	1100108	1	26	11		0,811		357685	2901
2017	5	11001	1100101	1	26	11		0,6771		343840	2328
2017	5	11001	1100110	1	26	11		0,903		293806	2653
2017	5	11001	1100109	1	26	11		1,2715		241676	3073
2017	5	11001	1100114	1	26	11		0,4706		154286	726
2017	5	11001	1100103	1	26	11		0,5613		149821	841
2017	5	11001	1100102	1	26	11		0,5146		329363	1695
2017	5	11001	1100117	1	26	11		0,5654		64906	367
2017	5	11001	1100106	1	26	11		0,9011		66476	599
2017	5	11001	1100113	1	26	11		0,6672		214327	1430
2017	5	11001	1100118	1	26	11		0,6923		101697	704
2017	5	11001	1100116	1	26	11		0,4053		214416	869
2017	5	11001	1100104	1	26	11		1,2325		73669	908
2017	5	11001	1100115	1	26	11		0,6342		59920	380
2017	5	11001	1100112	1	26	11		0,7543		160149	1208
2017	5	11001	1100119	1	26	11		0,9403		107519	1011
2017	5	76001	7600101	1	26	11		0,4356		5510	24
2017	5	76001	7600102	1	26	11		0,2534		83253	211
2017	5	76001	7600103	1	26	11		0,5025		61489	309
2017	5	76001	7600104	1	26	11		0,1359		23550	32
2017	5	76001	7600105	1	26	11		0,244		22952	56
2017	5	76001	7600106	1	26	11		0,2925		10599	31
2017	5	76001	7600107	1	26	11		0,3423		8765	30



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	76001	7600108	1	26		11	0,2328		25347	59
2017	5	97001		2	26		18		0,8083		
2017	5	91001		2	26		18		3,745		
2017	5	99001		2	26		18		2,0694		
2017	5	15572		1	26		18	0,8167		17020	139
2017	5	25799		1	26		18	0,9253		5836	54
2017	5	25286		1	26		18	1,3304		33975	452
2017	5	25473		1	26		18	1,133		41747	473
2017	5	85410		1	26		18	1,5262		10156	155
2017	5	25175		1	26		18	0,721		69205	499
2017	5	25758		1	26		18	1,401		15489	217
2017	5	25307		1	26		18	0,5364		44931	241
2017	5	25377		1	26		18	0,5094		13153	67
2017	5	15238		1	26		18	0,3744		81728	306
2017	5	25430		1	26		18	1,3294		37008	492
2017	5	25214		1	26		18	0,7059		22100	156
2017	5	19001		1	26		18	0,4449		138223	615
2017	5	81001		1	26		18	0,3935		21345	84
2017	5	15001		1	26		18	0,4453		144158	642
2017	5	85001		1	26		18	0,5945		128349	763
2017	5	95001		2	26		18	0,2306		18644	43
2017	5	15491		1	26		18	0,6865		5244	36
2017	5	25817		1	26		18	0,4657		13956	65
2017	5	25754		1	26		18	1,1356		148646	1688
2017	5	25290		1	26		18	1,0497		59921	629
2017	5	25126		1	26		18	1,2331		32844	405
2017	5	25899		1	26		18	1,0265		51631	530
2017	5	25269		1	26		18	0,616		60063	370
2017	5	15759		1	26		18	0,4805		79498	382
2017	5	94001		2	26		19		1,5365		
2017	5	73268		1	26		19	0,6736		27167	183
2017	5	44847		1	26		19	0,2041		7348	15
2017	5	5088		1	26		19	1,8579		74654	1387
2017	5	5837		1	26		19	1,0808		21650	234
2017	5	5615		1	26		19	0,4608		61851	285
2017	5	5129		1	26		19	0,8009		17979	144
2017	5	50006		1	26		19	0,8435		35802	302
2017	5	52356		1	26		19	0,8563		20321	174
2017	5	5308		1	26		19	0,6754		12881	87
2017	5	8573		1	26		19	0,5607		9630	54
2017	5	54874		1	26		19	1,2471		14514	181
2017	5	50568		1	26		19	0,8879		15205	135
2017	5	5360		1	26		19	1,1157		40872	456
2017	5	5045		1	26		19	0,6742		33227	224
2017	5	5631		1	26		19	0,8488		21795	185
2017	5	18001		1	26		19	0,576		80039	461
2017	5	88001		2	26		19	0,5716		9797	56
2017	5	5380		1	26		19	1,2087		13568	164
2017	5	5607		1	26		19	0,3181		7230	23
2017	5	44430		1	26		19	0,2617		12993	34
2017	5	54405		1	26		19	0,9472		21537	204
2017	5	17380		1	26		19	0,8252		22783	188
2017	5	5318		1	26		19	0,8416		13902	117
2017	5	20011		1	26		19	0,4835		17788	86
2017	5	44560		1	26		19	1,2116		2311	28
2017	5	66170		1	26		19	0,5504		61960	341
2017	5	5266		1	26		19	1,0856		47253	513
2017	5	20400		1	26		19	0,3311		13891	46
2017	5	54498		1	26		19	0,7129		24268	173
2017	5	52835		1	26		19	0,7297		24532	179
2017	5	73449		1	26		19	0,4902		23460	115
2017	5	41551		1	26		19	0,8686		44898	390
2017	5	8758		1	26		19	0,5209		48570	253
2017	5	5212		1	26		19	1,5635		15030	235
2017	5	5376		1	26		19	2,3521		15433	363
2017	5	8573		1	27		10	0,2364		13534	32
2017	5	8758		1	27		10	0,3631		46823	170
2017	5	70001		1	27		10	0,2909		70471	205
2017	5	76001	7600121	1	27		11	0,4242		4243	18
2017	5	76001	7600122	1	27		11	0,763		24376	186
2017	5	54001	5400106	1	27		11	1,7331		28793	499
2017	5	54001	5400101	1	27		11	0,3469		67751	235
2017	5	54001	5400104	1	27		11	0,9274		15850	147
2017	5	54001	5400110	1	27		11	0,9347		10164	95
2017	5	54001	5400108	1	27		11	0,7118		22197	158
2017	5	54001	5400105	1	27		11	0,8658		35113	304
2017	5	54001	5400103	1	27		11	1,1842		12751	151
2017	5	54001	5400107	1	27		11	0,6865		20684	142
2017	5	54001	5400109	1	27		11	0,7153		15797	113



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	54001	5400102	1	27		11	0,7264		29598	215
2017	5	5001	500102	1	27		11	1,6253		14582	237
2017	5	5001	500109	1	27		11	1,2548		20083	252
2017	5	5001	500110	1	27		11	0,6672		141784	946
2017	5	5001	500108	1	27		11	1,122		14884	167
2017	5	5001	500106	1	27		11	1,5732		15446	243
2017	5	5001	500111	1	27		11	0,7548		61869	467
2017	5	8001	800105	1	27		11	0,2624		40393	106
2017	5	8001	800103	1	27		11	0,428		41591	178
2017	5	8001	800102	1	27		11	0,5695		18437	105
2017	5	8001	800101	1	27		11	0,6153		36567	225
2017	5	8001	800104	1	27		11	0,2804		121262	340
2017	5	68001	6800111	1	27		11	0,286		4546	13
2017	5	68001	6800117	1	27		11	1,3723		3352	46
2017	5	68001	6800101	1	27		11	0,5918		5745	34
2017	5	68001	6800115	1	27		11	0,5127		12093	62
2017	5	68001	6800113	1	27		11	0,5599		27148	152
2017	5	68001	6800110	1	27		11	1,3391		9409	126
2017	5	68001	6800104	1	27		11	0,5237		14704	77
2017	5	68001	6800107	1	27		11	0,4873		2873	14
2017	5	68001	6800106	1	27		11	0,5395		13717	74
2017	5	68001	6800105	1	27		11	1,2325		7059	87
2017	5	68001	6800103	1	27		11	0,3329		19223	64
2017	5	68001	6800108	1	27		11	0,8778		2962	26
2017	5	68001	6800116	1	27		11	1,0599		6982	74
2017	5	68001	6800112	1	27		11	0,5462		26181	143
2017	5	11001	1100107	1	27		11	0,7991		148169	1184
2017	5	11001	1100111	1	27		11	0,7175		384923	2762
2017	5	11001	1100105	1	27		11	0,6794		66385	451
2017	5	11001	1100108	1	27		11	0,8456		377370	3191
2017	5	11001	1100101	1	27		11	0,6669		269023	1794
2017	5	11001	1100110	1	27		11	0,6827		290458	1983
2017	5	11001	1100109	1	27		11	0,6867		199368	1369
2017	5	11001	1100114	1	27		11	0,407		126036	513
2017	5	11001	1100103	1	27		11	0,4413		92453	408
2017	5	11001	1100102	1	27		11	0,3658		161554	591
2017	5	11001	1100117	1	27		11	0,5473		30332	166
2017	5	11001	1100106	1	27		11	0,8306		71632	595
2017	5	11001	1100113	1	27		11	0,4402		125385	552
2017	5	11001	1100118	1	27		11	0,7427		108392	805
2017	5	11001	1100116	1	27		11	0,4357		179712	783
2017	5	11001	1100104	1	27		11	1,2446		79782	993
2017	5	11001	1100115	1	27		11	0,6447		58474	377
2017	5	11001	1100112	1	27		11	0,3626		126583	459
2017	5	11001	1100119	1	27		11	0,9927		117256	1164
2017	5	76001	7600101	1	27		11	0,3717		6187	23
2017	5	76001	7600102	1	27		11	0,2573		64519	166
2017	5	76001	7600103	1	27		11	0,3818		41119	157
2017	5	76001	7600104	1	27		11	0,1487		20847	31
2017	5	76001	7600105	1	27		11	0,2179		23863	52
2017	5	76001	7600106	1	27		11	0,5308		13188	70
2017	5	76001	7600107	1	27		11	0,4442		8555	38
2017	5	76001	7600108	1	27		11	0,4245		23791	101
2017	5	76001	7600109	1	27		11	0,4419		23989	106
2017	5	76001	7600110	1	27		11	0,3472		23332	81
2017	5	76001	7600111	1	27		11	0,7328		13236	97
2017	5	76001	7600112	1	27		11	0,4144		4344	18
2017	5	76001	7600113	1	27		11	0,526		15588	82
2017	5	76001	7600114	1	27		11	0,4363		15584	68
2017	5	76001	7600115	1	27		11	0,6581		7598	50
2017	5	76001	7600116	1	27		11	0,7209		11374	82
2017	5	76001	7600117	1	27		11	0,4065		56091	228
2017	5	76001	7600118	1	27		11	0,5798		17593	102
2017	5	76001	7600119	1	27		11	0,5504		54142	298
2017	5	76001	7600120	1	27		11	0,3166		4106	13
2017	5	5376		1	27		11	0,8862		14443	128
2017	5	15572		1	27		11	0,6472		14369	93
2017	5	5088		1	27		11	1,4397		70781	1019
2017	5	5837		1	27		11	0,7428		24366	181
2017	5	25799		1	27		11	0,6596		6519	43
2017	5	5615		1	27		11	0,37		67298	249
2017	5	5129		1	27		11	0,6593		18202	120
2017	5	25286		1	27		11	1,1901		31510	375
2017	5	25473		1	27		11	0,8265		39445	326
2017	5	5308		1	27		11	0,4762		13650	65
2017	5	25175		1	27		11	0,5616		62854	353
2017	5	5360		1	27		11	0,8088		58607	474
2017	5	25758		1	27		11	1,0064		16494	166
2017	5	25307		1	27		11	0,6519		48013	313



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	25377		1	27		11	0,6962		13214	92
2017	5	68081		1	27		11	0,4339		65459	284
2017	5	15238		1	27		11	0,354		79666	282
2017	5	25430		1	27		11	1,1549		33857	391
2017	5	76111		1	27		11	0,3197		18768	60
2017	5	5045		1	27		11	0,5836		39583	231
2017	5	5631		1	27		11	0,9132		26063	238
2017	5	68679		1	27		11	0,4274		17080	73
2017	5	25214		1	27		11	0,7009		22686	159
2017	5	50001	5000101	1	27		11	0,4924		19496	96
2017	5	50001	5000102	1	27		11	0,2419		47544	115
2017	5	50001	5000103	1	27		11	0,2312		28977	67
2017	5	50001	5000104	1	27		11	0,4584		25304	116
2017	5	50001	5000105	1	27		11	0,2923		53721	157
2017	5	50001	5000106	1	27		11	0,1504		11972	18
2017	5	50001	5000107	1	27		11	0,8966		44612	400
2017	5	50001	5000108	1	27		11	0,5387		20792	112
2017	5	73001	7300101	1	27		11	0,2482		30220	75
2017	5	73001	7300102	1	27		11	0,4065		3444	14
2017	5	73001	7300103	1	27		11	0,4135		11367	47
2017	5	73001	7300104	1	27		11	1,009		15659	158
2017	5	73001	7300105	1	27		11	0,5367		18631	100
2017	5	73001	7300106	1	27		11	0,4144		6515	27
2017	5	73001	7300107	1	27		11	1,0827		15425	167
2017	5	73001	7300108	1	27		11	0,8883		12270	109
2017	5	73001	7300109	1	27		11	2,0764		31304	650
2017	5	73001	7300110	1	27		11	0,3851		24929	96
2017	5	73001	7300111	1	27		11	0,1638		4274	7
2017	5	73001	7300112	1	27		11	0,2155		7887	17
2017	5	73001	7300113	1	27		11	0,5363		3916	21
2017	5	13001	1300102	1	27		11	0,5031		54264	273
2017	5	13001	1300103	1	27		11	0,6811		66804	455
2017	5	13001	1300101	1	27		11	0,4179		119882	501
2017	5	5001	500116	1	27		11	0,6425		55716	358
2017	5	5001	500101	1	27		11	1,4411		4441	64
2017	5	5001	500107	1	27		11	1,4431		31599	456
2017	5	5001	500104	1	27		11	1,9466		21011	409
2017	5	5001	500105	1	27		11	1,7533		28005	491
2017	5	5001	500115	1	27		11	0,5181		35517	184
2017	5	5001	500103	1	27		11	1,3049		9426	123
2017	5	5001	500114	1	27		11	0,4768		83267	397
2017	5	5001	500112	1	27		11	0,7647		24061	184
2017	5	5001	500113	1	27		11	1,1226		19776	222
2017	5	50001		1	27		11	0,4935		279431	1379
2017	5	19001		1	27		11	0,3141		120359	378
2017	5	20001		1	27		11	0,2543		90059	229
2017	5	27001		2	27		11	0,6984		63432	443
2017	5	41001		1	27		11	0,4482		136333	611
2017	5	15001		1	27		11	0,4153		119673	497
2017	5	17001		1	27		11	0,391		156535	612
2017	5	52001		1	27		11	0,6064		106859	648
2017	5	73001		1	27		11	0,8175		189724	1551
2017	5	13001		1	27		11	0,5101		240950	1229
2017	5	23001		1	27		11	0,5367		160996	864
2017	5	44001		1	27		11	0,4024		27085	109
2017	5	63001		1	27		11	0,5218		103873	542
2017	5	85001		1	27		11	0,5553		108775	604
2017	5	95001		2	27		11	0,2267		16320	37
2017	5	86001		2	27		11	0,4949		17783	88
2017	5	5001		1	27		11	0,9047		603263	5458
2017	5	8001		1	27		11	0,3718		260888	970
2017	5	47001		1	27		11	0,4071		83027	338
2017	5	66001		1	27		11	0,3125		190742	596
2017	5	68001		1	27		11	0,6418		157847	1013
2017	5	11001		1	27		11	0,6684		3013287	20140
2017	5	76001		1	27		11	0,4435		489771	2172
2017	5	54001		1	27		11	0,8103		262379	2126
2017	5	68307		1	27		11	0,4084		29628	121
2017	5	15491		1	27		11	0,7637		5107	39
2017	5	25817		1	27		11	0,5063		13628	69
2017	5	5380		1	27		11	0,9507		16619	158
2017	5	5607		1	27		11	0,4816		8098	39
2017	5	68276		1	27		11	0,8095		49412	400
2017	5	25754		1	27		11	0,8479		133278	1130
2017	5	5318		1	27		11	0,5749		14090	81
2017	5	25290		1	27		11	0,9318		59136	551
2017	5	66170		1	27		11	0,4124		63295	261
2017	5	25126		1	27		11	0,9485		31313	297
2017	5	5266		1	27		11	0,9257		58336	540



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	25899		1	27		11	0,7889		46776	369
2017	5	25269		1	27		11	0,5864		53380	313
2017	5	76834		1	27		11	0,3973		31715	126
2017	5	76109		1	27		11	0,499		36674	183
2017	5	68547		1	27		11	0,8505		24809	211
2017	5	15759		1	27		11	0,4686		71920	337
2017	5	76147		1	27		11	0,4853		35439	172
2017	5	76520		1	27		11	0,4897		57586	282
2017	5	76892		1	27		11	0,3064		38843	119
2017	5	5212		1	27		11	1,2698		16302	207
2017	5	76130		1	27		11	0,5454		15767	86
2017	5	76364		1	27		11	0,5322		25741	137
2017	5	99001		2	27	19			2,3622		
2017	5	41551		1	27		19	0,8136		44986	366
2017	5	73449		1	27		19	0,694		29827	207
2017	5	54498		1	27		19	0,6205		25624	159
2017	5	20400		1	27		19	0,3211		12145	39
2017	5	73268		1	27		19	0,5035		28202	142
2017	5	97001		2	27	19			0,2865		
2017	5	94001		2	27	19			2,129		
2017	5	44847		1	27		19	0,1749		6863	12
2017	5	50006		1	27		19	0,8147		35473	289
2017	5	85410		1	27		19	1,5105		7746	117
2017	5	54874		1	27		19	0,9824		15982	157
2017	5	50568		1	27		19	0,6162		14931	92
2017	5	81001		1	27	19		0,3981		17583	70
2017	5	44430		1	27		19	0,3195		12834	41
2017	5	54405		1	27		19	0,3179		23281	74
2017	5	17380		1	27		19	0,7095		23821	169
2017	5	20011		1	27		19	0,3957		18450	73
2017	5	44560		1	27		19	0,6993		2145	15
2017	5	18001		1	27	20		0,6718		77698	522
2017	5	52835		1	27		20	0,5969		22950	137
2017	5	52356		1	27		20	1,0909		16867	184
2017	5	88001		2	27	20		0,4597		8702	40
2017	5	91001		2	27	20			4,1667		
2017	5	54001	5400106	1	28		9	2,2827		28957	661
2017	5	54001	5400101	1	28		9	0,4609		24081	111
2017	5	54001	5400104	1	28		9	0,8593		13848	119
2017	5	54001	5400110	1	28		9	0,7903		8857	70
2017	5	54001	5400108	1	28		9	0,7674		29060	223
2017	5	54001	5400105	1	28		9	1,4752		22505	332
2017	5	54498		1	28		9	0,6764		21142	143
2017	5	54001	5400107	1	28		9	1,1312		24752	280
2017	5	54001	5400109	1	28		9	0,8242		16500	136
2017	5	54001	5400102	1	28		9	0,8555		14612	125
2017	5	54874		1	28		9	1,079		15570	168
2017	5	54001		1	28		9	1,1523		198211	2284
2017	5	54405		1	28		9	0,3707		23739	88
2017	5	54001	5400103	1	28		9	1,1715		12036	141
2017	5	5607		1	28		11	0,3177		6611	21
2017	5	17380		1	28		11	0,6437		19418	125
2017	5	5318		1	28		11	0,6281		13693	86
2017	5	5266		1	28		11	0,8532		30003	256
2017	5	76834		1	28		11	0,4583		23346	107
2017	5	76109		1	28		11	0,4692		29199	137
2017	5	15759		1	28		11	0,4539		51770	235
2017	5	76147		1	28		11	0,3052		26216	80
2017	5	76520		1	28		11	0,5833		41999	245
2017	5	76892		1	28		11	0,3587		20907	75
2017	5	5212		1	28		11	1,47		13946	205
2017	5	76130		1	28		11	0,5386		12996	70
2017	5	76364		1	28		11	0,6542		22165	145
2017	5	76001	7600118	1	28	11		0,6558		14791	97
2017	5	76001	7600119	1	28	11		0,5707		25407	145
2017	5	76001	7600120	1	28	11		0,4243		4007	17
2017	5	5376		1	28		11	0,5938		11114	66
2017	5	15572		1	28		11	0,6949		12519	87
2017	5	5088		1	28		11	1,3967		55344	773
2017	5	5837		1	28		11	0,7024		20785	146
2017	5	5615		1	28		11	0,4089		47693	195
2017	5	5129		1	28		11	0,694		14553	101
2017	5	5308		1	28		11	1,1758		12162	143
2017	5	5360		1	28		11	0,7517		27538	207
2017	5	15238		1	28		11	0,4105		53102	218
2017	5	76111		1	28		11	0,2998		14343	43
2017	5	5045		1	28		11	0,5872		27250	160
2017	5	5631		1	28		11	0,7576		12803	97
2017	5	50001	5000101	1	28	11		0,6611		12555	83



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	50001	5000102	1	28		11	0,3109		16724	52
2017	5	50001	5000103	1	28		11	0,2298		14363	33
2017	5	50001	5000104	1	28		11	0,5983		20727	124
2017	5	50001	5000105	1	28		11	0,3987		41385	165
2017	5	50001	5000106	1	28		11	0,069		5793	4
2017	5	50001	5000107	1	28		11	1,0502		28757	302
2017	5	50001	5000108	1	28		11	0,4971		17302	86
2017	5	73001	7300101	1	28		11	0,2218		15782	35
2017	5	73001	7300102	1	28		11	0,3145		2226	7
2017	5	73001	7300103	1	28		11	0,4443		5852	26
2017	5	73001	7300104	1	28		11	0,5285		9461	50
2017	5	73001	7300105	1	28		11	0,3558		11805	42
2017	5	73001	7300106	1	28		11	0,6198		5970	37
2017	5	73001	7300107	1	28		11	1,0108		14741	149
2017	5	73001	7300108	1	28		11	1,1203		10801	121
2017	5	73001	7300109	1	28		11	2,1358		19384	414
2017	5	73001	7300110	1	28		11	0,2017		12392	25
2017	5	73001	7300111	1	28		11	0,1647		4249	7
2017	5	73001	7300112	1	28		11	0,2909		7219	21
2017	5	73001	7300113	1	28		11	0,5621		3914	22
2017	5	13001	1300102	1	28		11	1,1473		44189	507
2017	5	13001	1300103	1	28		11	0,884		48755	431
2017	5	13001	1300101	1	28		11	0,9501		67569	642
2017	5	5001	500116	1	28		11	0,5735		33827	194
2017	5	5001	500101	1	28		11	1,1139		4758	53
2017	5	5001	500107	1	28		11	1,2947		26261	340
2017	5	5001	500104	1	28		11	1,2676		15935	202
2017	5	5001	500105	1	28		11	1,3988		22948	321
2017	5	5001	500115	1	28		11	0,5067		13815	70
2017	5	5001	500103	1	28		11	0,8622		10322	89
2017	5	5001	500114	1	28		11	0,4667		29142	136
2017	5	5001	500112	1	28		11	0,6989		13020	91
2017	5	5001	500113	1	28		11	0,9916		17345	172
2017	5	50001		1	28		11	0,6492		183928	1194
2017	5	27001		2	28		11	0,6827		57420	392
2017	5	41001		1	28		11	0,398		90208	359
2017	5	15001		1	28		11	0,3345		75341	252
2017	5	73001		1	28		11	0,7822		126440	989
2017	5	13001		1	28		11	0,9843		160513	1580
2017	5	5001		1	28		11	0,9141		331258	3028
2017	5	8001		1	28		11	0,449		135193	607
2017	5	47001		1	28		11	0,5362		62855	337
2017	5	66001		1	28		11	0,3472		118104	410
2017	5	68001		1	28		11	0,6986		84164	588
2017	5	11001		1	28		11	0,6998		1874399	13117
2017	5	76001		1	28		11	0,4334		298544	1294
2017	5	15491		1	28		11	0,7657		4310	33
2017	5	5380		1	28		11	0,673		9658	65
2017	5	76001	7600121	1	28		11	0,5896		4919	29
2017	5	76001	7600122	1	28		11	0,734		9809	72
2017	5	97001		2	28		11		0,8065		
2017	5	5001	500102	1	28		11	1,1251		15110	170
2017	5	5001	500109	1	28		11	1,0007		16489	165
2017	5	5001	500110	1	28		11	0,8139		37230	303
2017	5	5001	500108	1	28		11	1,0833		13570	147
2017	5	5001	500106	1	28		11	1,0536		14996	158
2017	5	5001	500111	1	28		11	0,7984		25301	202
2017	5	8001	800105	1	28		11	0,2762		18829	52
2017	5	8001	800103	1	28		11	0,6751		26070	176
2017	5	8001	800102	1	28		11	0,4967		16105	80
2017	5	8001	800101	1	28		11	0,5673		27674	157
2017	5	8001	800104	1	28		11	0,2929		44388	130
2017	5	68001	6800111	1	28		11	0,5204		2690	14
2017	5	68001	6800117	1	28		11	0,7458		3084	23
2017	5	68001	6800101	1	28		11	0,4619		5845	27
2017	5	68001	6800115	1	28		11	0,4333		5077	22
2017	5	68001	6800113	1	28		11	0,6971		13341	93
2017	5	68001	6800110	1	28		11	0,7529		7571	57
2017	5	68001	6800104	1	28		11	1,1044		4618	51
2017	5	68001	6800107	1	28		11	0,6837		1609	11
2017	5	68001	6800106	1	28		11	0,7711		7262	56
2017	5	68001	6800105	1	28		11	1,0608		4902	52
2017	5	68001	6800103	1	28		11	0,4277		10521	45
2017	5	68001	6800108	1	28		11	0,6413		2339	15
2017	5	68001	6800116	1	28		11	1,1224		4544	51
2017	5	68001	6800112	1	28		11	0,6687		8973	60
2017	5	11001	1100107	1	28		11	0,8272		136962	1133
2017	5	11001	1100111	1	28		11	0,6453		263306	1699
2017	5	11001	1100105	1	28		11	0,8585		67208	577



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001	1100108	1	28	11		0,6918		258597	1789
2017	5	11001	1100101	1	28	11		0,6992		144026	1007
2017	5	11001	1100110	1	28	11		0,5994		198698	1191
2017	5	11001	1100109	1	28	11		0,5827		108111	630
2017	5	11001	1100114	1	28	11		0,4465		46136	206
2017	5	11001	1100103	1	28	11		0,8888		38927	346
2017	5	11001	1100102	1	28	11		0,3317		55472	184
2017	5	11001	1100117	1	28	11		0,8255		15142	125
2017	5	11001	1100106	1	28	11		0,865		52950	458
2017	5	11001	1100113	1	28	11		0,7346		61258	450
2017	5	11001	1100118	1	28	11		0,8168		82762	676
2017	5	11001	1100116	1	28	11		0,4434		85924	381
2017	5	11001	1100104	1	28	11		1,2348		70130	866
2017	5	11001	1100115	1	28	11		0,6751		27700	187
2017	5	11001	1100112	1	28	11		0,3343		51457	172
2017	5	11001	1100119	1	28	11		0,9486		109633	1040
2017	5	76001	7600101	1	28	11		0,5326		6008	32
2017	5	76001	7600102	1	28	11		0,2288		28415	65
2017	5	76001	7600103	1	28	11		0,2908		11693	34
2017	5	76001	7600104	1	28	11		0,1478		8121	12
2017	5	76001	7600105	1	28	11		0,2179		17896	39
2017	5	76001	7600106	1	28	11		0,2341		12390	29
2017	5	76001	7600107	1	28	11		0,4905		7135	35
2017	5	76001	7600108	1	28	11		0,3277		15869	52
2017	5	76001	7600109	1	28	11		0,2616		8792	23
2017	5	76001	7600110	1	28	11		0,2993		15036	45
2017	5	76001	7600111	1	28	11		0,5292		10015	53
2017	5	76001	7600112	1	28	11		0,2372		3794	9
2017	5	76001	7600113	1	28	11		0,4797		15219	73
2017	5	76001	7600114	1	28	11		0,5999		16670	100
2017	5	76001	7600115	1	28	11		0,7222		8308	60
2017	5	76001	7600116	1	28	11		0,4609		10198	47
2017	5	76001	7600117	1	28	11		0,403		33249	134
2017	5	94001		2	28	18			1,4426		
2017	5	91001		2	28	19			3,5743		
2017	5	44847		1	28		19	0,2378		6307	15
2017	5	25799		1	28		19	1,0453		3444	36
2017	5	50006		1	28		19	0,8343		27807	232
2017	5	25286		1	28		19	1,1672		15164	177
2017	5	25473		1	28		19	0,9396		23628	222
2017	5	8573		1	28		19	0,2475		6868	17
2017	5	85410		1	28		19	1,2458		7064	88
2017	5	25175		1	28		19	0,7577		42762	324
2017	5	50568		1	28		19	1,7599		12955	228
2017	5	25758		1	28		19	1,1942		9295	111
2017	5	25307		1	28		19	1,0167		34327	349
2017	5	25377		1	28		19	0,437		9153	40
2017	5	68081		1	28		19	0,5515		43333	239
2017	5	25430		1	28		19	1,3006		18683	243
2017	5	68679		1	28		19	0,4104		10233	42
2017	5	25214		1	28		19	0,6766		9903	67
2017	5	20001		1	28		19	0,3366		55849	188
2017	5	70001		1	28		19	0,2906		44731	130
2017	5	81001		1	28		19	0,5421		13281	72
2017	5	23001		1	28		19	0,7801		114859	896
2017	5	44001		1	28		19	0,5406		19423	105
2017	5	63001		1	28		19	0,667		60272	402
2017	5	85001		1	28		19	0,7645		67235	514
2017	5	68307		1	28		19	0,5314		16747	89
2017	5	25817		1	28		19	0,4072		7859	32
2017	5	44430		1	28		19	0,2701		11107	30
2017	5	68276		1	28		19	0,7631		36561	279
2017	5	25754		1	28		19	1,1564		113278	1310
2017	5	25290		1	28		19	1,4944		44099	659
2017	5	20011		1	28		19	0,3505		15406	54
2017	5	44560		1	28		19	0,5035		1986	10
2017	5	66170		1	28		19	0,4227		43298	183
2017	5	25126		1	28		19	1,3147		18636	245
2017	5	25899		1	28		19	1,0189		30228	308
2017	5	20400		1	28		19	0,9095		11984	109
2017	5	25269		1	28		19	0,6485		37934	246
2017	5	73449		1	28		19	0,6895		27410	189
2017	5	68547		1	28		19	1,0783		18826	203
2017	5	8758		1	28		19	0,4524		41780	189
2017	5	73268		1	28		19	0,4514		24589	111
2017	5	99001		2	28		20		2,8202		
2017	5	52356		1	28		20	0,9632		12251	118
2017	5	19001		1	28		20	0,4954		81543	404
2017	5	17001		1	28		20	0,5135		84900	436



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	52001		1	28		20	0,7205		54270	391
2017	5	41551		1	28		20	0,9622		32426	312
2017	5	95001		2	28		20	0,3511		9683	34
2017	5	86001		2	28		20	0,5742		11669	67
2017	5	88001		2	28		20	0,5301		7734	41
2017	5	52835		1	28		20	0,4395		20704	91
2017	5	18001		1	28		20	0,5619		55885	314
2017	5	50001	5000104	1	29		10	0,6784		21520	146
2017	5	15491		1	29		10	0,3648		4660	17
2017	5	47001		1	29		10	0,5074		57544	292
2017	5	20001		1	29		10	0,3545		62344	221
2017	5	50001		1	29		10	0,6536		178555	1167
2017	5	50001	5000108	1	29		10	0,5773		17148	99
2017	5	50001	5000107	1	29		10	0,8939		27519	246
2017	5	50001	5000106	1	29		10	0,1353		5912	8
2017	5	50001	5000105	1	29		10	0,4398		42060	185
2017	5	15759		1	29		10	0,5008		53918	270
2017	5	50001	5000103	1	29		10	0,2262		13704	31
2017	5	15572		1	29		10	0,7638		11521	88
2017	5	15238		1	29		10	0,3563		55013	196
2017	5	50001	5000101	1	29		10	0,5982		12371	74
2017	5	50001	5000102	1	29		10	0,2889		14192	41
2017	5	8001		1	29		11	0,389		133160	518
2017	5	8001	800101	1	29		11	0,5877		28077	165
2017	5	8001	800105	1	29		11	0,2164		18488	40
2017	5	8001	800103	1	29		11	0,4329		25408	110
2017	5	63001		1	29		11	0,5338		65007	347
2017	5	27001		2	29		11	0,851		58987	502
2017	5	8001	800104	1	29		11	0,2426		41638	101
2017	5	8001	800102	1	29		11	0,5156		17650	91
2017	5	94001		2	29		18		4,1574		
2017	5	99001		2	29		18		1,8868		
2017	5	85001		1	29		18	0,7021		86165	605
2017	5	76001	7600121	1	29		19	0,4868		5752	28
2017	5	76001	7600122	1	29		19	0,6646		7824	52
2017	5	54001	5400106	1	29		19	1,5124		21886	331
2017	5	54001	5400101	1	29		19	0,583		9262	54
2017	5	54001	5400104	1	29		19	0,7678		10940	84
2017	5	54001	5400110	1	29		19	0,6681		6885	46
2017	5	54001	5400108	1	29		19	0,9949		23521	234
2017	5	54001	5400105	1	29		19	0,9066		16545	150
2017	5	54001	5400103	1	29		19	1,0366		10226	106
2017	5	54001	5400107	1	29		19	1,2259		19659	241
2017	5	54001	5400109	1	29		19	0,8515		12684	108
2017	5	54001	5400102	1	29		19	0,6761		12720	86
2017	5	91001		2	29		19		4,64		
2017	5	97001		2	29		19		0,3165		
2017	5	68001	6800111	1	29		19	0,8885		3039	27
2017	5	68001	6800117	1	29		19	0,8829		2945	26
2017	5	68001	6800101	1	29		19	0,7135		5746	41
2017	5	68001	6800115	1	29		19	0,7201		1111	8
2017	5	68001	6800113	1	29		19	0,5876		11913	70
2017	5	68001	6800110	1	29		19	1,3966		7017	98
2017	5	68001	6800104	1	29		19	1,7796		3484	62
2017	5	68001	6800107	1	29		19	0,5181		1737	9
2017	5	68001	6800106	1	29		19	0,919		5114	47
2017	5	68001	6800105	1	29		19	2,0012		4897	98
2017	5	68001	6800103	1	29		19	0,5745		9225	53
2017	5	68001	6800108	1	29		19	0,6628		2565	17
2017	5	68001	6800116	1	29		19	0,7992		5005	40
2017	5	68001	6800112	1	29		19	0,9086		7264	66
2017	5	11001	1100107	1	29		19	1,1747		135440	1591
2017	5	11001	1100111	1	29		19	0,9366		256679	2404
2017	5	11001	1100105	1	29		19	1,1774		71260	839
2017	5	11001	1100108	1	29		19	1,0099		245557	2480
2017	5	11001	1100101	1	29		19	0,9467		138374	1310
2017	5	11001	1100110	1	29		19	0,748		186620	1396
2017	5	11001	1100109	1	29		19	0,7642		105858	809
2017	5	11001	1100114	1	29		19	0,4239		29252	124
2017	5	11001	1100103	1	29		19	0,7951		24273	193
2017	5	11001	1100102	1	29		19	0,2997		50715	152
2017	5	11001	1100117	1	29		19	1,0637		7145	76
2017	5	11001	1100106	1	29		19	1,1762		50418	593
2017	5	11001	1100113	1	29		19	0,3779		45509	172
2017	5	11001	1100118	1	29		19	1,1279		81393	918
2017	5	11001	1100116	1	29		19	0,5885		75276	443
2017	5	11001	1100104	1	29		19	1,4961		69181	1035
2017	5	11001	1100115	1	29		19	0,8025		23925	192
2017	5	11001	1100112	1	29		19	0,3831		39672	152





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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001	1100119	1	29	19		1,3137		111366	1463
2017	5	76001	7600101	1	29	19		0,4781		5856	28
2017	5	76001	7600102	1	29	19		0,2964		26649	79
2017	5	76001	7600103	1	29	19		0,5555		7561	42
2017	5	76001	7600104	1	29	19		0,2569		8175	21
2017	5	76001	7600105	1	29	19		0,2023		16809	34
2017	5	76001	7600106	1	29	19		0,3553		12104	43
2017	5	76001	7600107	1	29	19		0,4352		6663	29
2017	5	76001	7600108	1	29	19		0,3072		14323	44
2017	5	76001	7600109	1	29	19		0,2523		5946	15
2017	5	76001	7600110	1	29	19		0,3909		13301	52
2017	5	76001	7600111	1	29	19		0,6625		9962	66
2017	5	76001	7600112	1	29	19		0,4505		3330	15
2017	5	76001	7600113	1	29	19		0,5517		15408	85
2017	5	76001	7600114	1	29	19		0,6947		16842	117
2017	5	76001	7600115	1	29	19		0,8213		8401	69
2017	5	76001	7600116	1	29	19		0,5603		9995	56
2017	5	76001	7600117	1	29	19		0,4149		32295	134
2017	5	76001	7600118	1	29	19		0,884		14592	129
2017	5	76001	7600119	1	29	19		0,7219		23134	167
2017	5	76001	7600120	1	29	19		0,6567		3350	22
2017	5	5376		1	29		19	0,6311		10933	69
2017	5	44847		1	29		19	0,3083		4865	15
2017	5	5088		1	29		19	1,7165		56336	967
2017	5	5837		1	29		19	0,9908		21699	215
2017	5	25799		1	29		19	0,9626		3636	35
2017	5	5615		1	29		19	0,5232		39943	209
2017	5	5129		1	29		19	0,8983		14917	134
2017	5	50006		1	29		19	0,8588		26782	230
2017	5	25286		1	29		19	1,6628		17922	298
2017	5	25473		1	29		19	1,213		27206	330
2017	5	5308		1	29		19	0,7722		9454	73
2017	5	8573		1	29		19	0,4699		6384	30
2017	5	85410		1	29		19	1,4791		6896	102
2017	5	25175		1	29		19	0,6698		36431	244
2017	5	54874		1	29		19	1,5604		12048	188
2017	5	50568		1	29		19	0,8931		10301	92
2017	5	5360		1	29		19	1,0039		25900	260
2017	5	25758		1	29		19	1,7078		8959	153
2017	5	25307		1	29		19	0,7192		28363	204
2017	5	25377		1	29		19	0,642		8567	55
2017	5	68081		1	29		19	0,5816		43671	254
2017	5	25430		1	29		19	1,312		22485	295
2017	5	76111		1	29		19	0,3866		11122	43
2017	5	5045		1	29		19	0,7775		27008	210
2017	5	5631		1	29		19	0,7776		12731	99
2017	5	68679		1	29		19	0,4727		9519	45
2017	5	25214		1	29		19	0,7238		9809	71
2017	5	73001	7300101	1	29	19		0,5262		10263	54
2017	5	73001	7300102	1	29	19		0,3226		2480	8
2017	5	73001	7300103	1	29	19		0,8251		3636	30
2017	5	73001	7300104	1	29	19		0,6831		9515	65
2017	5	73001	7300105	1	29	19		0,5677		13211	75
2017	5	73001	7300106	1	29	19		0,6908		5646	39
2017	5	73001	7300107	1	29	19		1,1133		13474	150
2017	5	73001	7300108	1	29	19		0,8739		11100	97
2017	5	73001	7300109	1	29	19		2,5732		17255	444
2017	5	73001	7300110	1	29	19		0,3132		10856	34
2017	5	73001	7300111	1	29	19		0,0899		4450	4
2017	5	73001	7300112	1	29	19		0,4946		7481	37
2017	5	73001	7300113	1	29	19		0,5239		4581	24
2017	5	13001	1300102	1	29	19		0,5739		39729	228
2017	5	13001	1300103	1	29	19		0,9673		47656	461
2017	5	13001	1300101	1	29	19		0,6497		58947	383
2017	5	70001		1	29	19		0,299		45147	135
2017	5	81001		1	29	19		0,464		13147	61
2017	5	15001		1	29	19		0,4276		73894	316
2017	5	17001		1	29	19		0,5469		98184	537
2017	5	73001		1	29	19		0,9356		116607	1091
2017	5	13001		1	29	19		0,7326		146332	1072
2017	5	23001		1	29	19		0,9588		109616	1051
2017	5	44001		1	29	19		0,5903		18973	112
2017	5	95001		2	29	19		0,2613		11865	31
2017	5	66001		1	29	19		0,4476		113500	508
2017	5	68001		1	29	19		0,924		72731	672
2017	5	88001		2	29	19		0,592		7601	45
2017	5	11001		1	29	19		0,9349		1747913	16342
2017	5	76001		1	29	19		0,5098		276604	1410
2017	5	54001		1	29	19		1,0133		146941	1489



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

## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68307		1	29		19	0,6461		17336	112
2017	5	25817		1	29		19	0,6215		8689	54
2017	5	5380		1	29		19	0,927		9061	84
2017	5	5607		1	29		19	0,3219		5281	17
2017	5	44430		1	29		19	0,3625		10208	37
2017	5	68276		1	29		19	0,9603		36446	350
2017	5	54405		1	29		19	0,2367		17745	42
2017	5	25754		1	29		19	1,558		117586	1832
2017	5	17380		1	29		19	1,0888		1194	13
2017	5	5318		1	29		19	0,7226		10518	76
2017	5	25290		1	29		19	1,8205		41638	758
2017	5	20011		1	29		19	0,3972		15105	60
2017	5	44560		1	29		19	1,5847		1830	29
2017	5	66170		1	29		19	0,4035		42874	173
2017	5	25126		1	29		19	1,3671		19165	262
2017	5	5266		1	29		19	0,9942		28667	285
2017	5	25899		1	29		19	0,9877		31992	316
2017	5	20400		1	29		19	0,6142		11072	68
2017	5	54498		1	29		19	0,7089		20173	143
2017	5	25269		1	29		19	0,8199		39273	322
2017	5	76834		1	29		19	0,6576		21139	139
2017	5	76109		1	29		19	0,6122		29240	179
2017	5	73449		1	29		19	0,9056		19656	178
2017	5	68547		1	29		19	1,2796		17505	224
2017	5	41551		1	29		19	0,9411		36767	346
2017	5	76147		1	29		19	0,3178		24856	79
2017	5	8758		1	29		19	0,421		39904	168
2017	5	76520		1	29		19	0,9141		35008	320
2017	5	76892		1	29		19	0,4556		17119	78
2017	5	5212		1	29		19	1,7808		11175	199
2017	5	76130		1	29		19	0,7194		11954	86
2017	5	76364		1	29		19	0,7274		17734	129
2017	5	73268		1	29		19	0,6743		18984	128
2017	5	5001	500102	1	29	20		2,1218		15270	324
2017	5	52835		1	29		20	0,5071		19129	97
2017	5	5001	500110	1	29	20		1,1022		25041	276
2017	5	5001	500108	1	29	20		1,4191		13036	185
2017	5	5001	500106	1	29	20		1,5919		14260	227
2017	5	5001	500111	1	29	20		0,9703		21128	205
2017	5	52356		1	29		20	1,0963		11858	130
2017	5	5001	500116	1	29	20		0,7597		29487	224
2017	5	5001	500101	1	29	20		1,4771		4942	73
2017	5	5001	500107	1	29	20		1,5533		25688	399
2017	5	5001	500104	1	29	20		1,7608		14880	262
2017	5	5001	500105	1	29	20		1,9326		21939	424
2017	5	5001	500115	1	29	20		0,7549		12320	93
2017	5	5001	500103	1	29	20		1,1668		10713	125
2017	5	5001	500114	1	29	20		0,6126		26117	160
2017	5	5001	500112	1	29	20		1,158		11744	136
2017	5	5001	500113	1	29	20		1,429		17145	245
2017	5	19001		1	29	20		0,4783		80279	384
2017	5	41001		1	29	20		0,4159		76703	319
2017	5	52001		1	29	20		0,7614		60282	459
2017	5	18001		1	29	20		0,6298		56844	358
2017	5	86001		2	29	20		1,126		11989	135
2017	5	5001		1	29	20		1,2933		297924	3853
2017	5	5001	500109	1	29	20		1,6997		16179	275
2017	5	76001	7600121	1	30	10		0,2989		4349	13
2017	5	76001	7600122	1	30	10		0,5344		24887	133
2017	5	54001	5400106	1	30	10		0,9365		27764	260
2017	5	54001	5400101	1	30	10		0,4227		67188	284
2017	5	54001	5400104	1	30	10		0,7792		14373	112
2017	5	54001	5400110	1	30	10		0,8543		9482	81
2017	5	54001	5400108	1	30	10		0,5607		20332	114
2017	5	54001	5400105	1	30	10		0,7741		32813	254
2017	5	54001	5400103	1	30	10		1,1203		11872	133
2017	5	54001	5400107	1	30	10		0,7516		19026	143
2017	5	54001	5400109	1	30	10		0,6918		13877	96
2017	5	54001	5400102	1	30	10		0,6187		33134	205
2017	5	8001	800105	1	30	10		0,3458		39913	138
2017	5	8001	800103	1	30	10		0,4451		43587	194
2017	5	8001	800102	1	30	10		0,4541		18719	85
2017	5	8001	800101	1	30	10		0,5482		37761	207
2017	5	8001	800104	1	30	10		0,3707		150802	559
2017	5	68001	6800111	1	30	10		0,4952		4847	24
2017	5	68001	6800117	1	30	10		0,9986		2804	28
2017	5	68001	6800101	1	30	10		0,476		6302	30
2017	5	68001	6800115	1	30	10		0,4859		17492	85
2017	5	68001	6800113	1	30	10		0,6465		34182	221



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	68001	6800110	1	30		10	1,0436		8720	91
2017	5	68001	6800104	1	30		10	0,4239		16276	69
2017	5	68001	6800107	1	30		10	0,4878		4715	23
2017	5	68001	6800106	1	30		10	0,6533		13470	88
2017	5	68001	6800105	1	30		10	0,9755		8406	82
2017	5	68001	6800103	1	30		10	0,4999		20404	102
2017	5	68001	6800108	1	30		10	0,6417		2961	19
2017	5	68001	6800116	1	30		10	1,3107		6180	81
2017	5	68001	6800112	1	30		10	0,465		34839	162
2017	5	11001	1100107	1	30		10	0,71		140000	994
2017	5	11001	1100111	1	30		10	0,7501		387270	2905
2017	5	11001	1100105	1	30		10	0,8257		60794	502
2017	5	11001	1100108	1	30		10	0,8121		367568	2985
2017	5	11001	1100101	1	30		10	0,6873		343067	2358
2017	5	11001	1100110	1	30		10	0,6337		299652	1899
2017	5	11001	1100109	1	30		10	0,7156		237572	1700
2017	5	11001	1100114	1	30		10	0,4814		145408	700
2017	5	11001	1100103	1	30		10	0,5492		145121	797
2017	5	11001	1100102	1	30		10	0,431		325256	1402
2017	5	11001	1100117	1	30		10	0,5954		62815	374
2017	5	11001	1100106	1	30		10	0,8183		68067	557
2017	5	11001	1100113	1	30		10	0,5324		214672	1143
2017	5	11001	1100118	1	30		10	0,6369		105201	670
2017	5	11001	1100116	1	30		10	0,4202		223692	940
2017	5	11001	1100104	1	30		10	1,2538		77447	971
2017	5	11001	1100115	1	30		10	0,6785		59984	407
2017	5	11001	1100112	1	30		10	0,4997		160693	803
2017	5	11001	1100119	1	30		10	0,8638		111598	964
2017	5	76001	7600101	1	30		10	0,3091		6470	20
2017	5	76001	7600102	1	30		10	0,2401		87037	209
2017	5	76001	7600103	1	30		10	0,5169		61905	320
2017	5	76001	7600104	1	30		10	0,1908		23590	45
2017	5	76001	7600105	1	30		10	0,2069		23204	48
2017	5	76001	7600106	1	30		10	0,2		12001	24
2017	5	76001	7600107	1	30		10	0,3471		8932	31
2017	5	76001	7600108	1	30		10	0,1899		26863	51
2017	5	76001	7600109	1	30		10	0,375		22668	85
2017	5	76001	7600110	1	30		10	0,6291		23209	146
2017	5	76001	7600111	1	30		10	0,5976		12049	72
2017	5	76001	7600112	1	30		10	0,2781		3955	11
2017	5	76001	7600113	1	30		10	0,5092		15121	77
2017	5	76001	7600114	1	30		10	0,4878		14759	72
2017	5	76001	7600115	1	30		10	0,554		7401	41
2017	5	76001	7600116	1	30		10	0,4065		10578	43
2017	5	76001	7600117	1	30		10	0,4911		53753	264
2017	5	76001	7600118	1	30		10	0,5313		17317	92
2017	5	76001	7600119	1	30		10	1,081		65960	713
2017	5	76001	7600120	1	30		10	0,7022		3560	25
2017	5	25799		1	30		10	0,6274		9245	58
2017	5	25286		1	30		10	1,1365		39067	444
2017	5	25473		1	30		10	0,918		42266	388
2017	5	8573		1	30		10	0,255		14118	36
2017	5	25175		1	30		10	0,5929		66452	394
2017	5	25758		1	30		10	0,9785		17987	176
2017	5	25307		1	30		10	0,491		45218	222
2017	5	25377		1	30		10	0,5216		13038	68
2017	5	68081		1	30		10	0,604		70033	423
2017	5	25430		1	30		10	1,1841		34119	404
2017	5	76111		1	30		10	0,2588		18930	49
2017	5	68679		1	30		10	0,3345		19131	64
2017	5	25214		1	30		10	0,6309		32334	204
2017	5	50001	5000101	1	30		10	0,538		21189	114
2017	5	50001	5000102	1	30		10	0,5086		70391	358
2017	5	50001	5000103	1	30		10	0,2641		28020	74
2017	5	50001	5000104	1	30		10	0,5705		24191	138
2017	5	50001	5000105	1	30		10	0,4014		50571	203
2017	5	50001	5000106	1	30		10	0,7224		11766	85
2017	5	50001	5000107	1	30		10	0,8296		41950	348
2017	5	50001	5000108	1	30		10	1,7005		19877	338
2017	5	73001	7300101	1	30		10	0,1896		40613	77
2017	5	73001	7300102	1	30		10	0,2497		3604	9
2017	5	73001	7300103	1	30		10	0,4232		13704	58
2017	5	73001	7300104	1	30		10	0,7345		16474	121
2017	5	73001	7300105	1	30		10	0,5109		16637	85
2017	5	73001	7300106	1	30		10	0,4066		7379	30
2017	5	73001	7300107	1	30		10	0,94		14256	134
2017	5	73001	7300108	1	30		10	0,8451		12070	102
2017	5	73001	7300109	1	30		10	1,4663		31303	459
2017	5	73001	7300110	1	30		10	0,45		30000	135



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## LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	73001	7300111	1	30		10	0,0902		4434	4
2017	5	73001	7300112	1	30		10	0,1385		7945	11
2017	5	73001	7300113	1	30		10	0,6801		4411	30
2017	5	13001	1300102	1	30		10	0,6985		55544	388
2017	5	13001	1300103	1	30		10	0,7651		70711	541
2017	5	13001	1300101	1	30		10	0,4939		131616	650
2017	5	50001		1	30		10	0,6776		296940	2012
2017	5	20001		1	30		10	0,3376		99534	336
2017	5	27001		2	30		10	0,9216		82572	761
2017	5	41001		1	30		10	0,3085		150740	465
2017	5	70001		1	30		10	0,3285		74881	246
2017	5	17001		1	30		10	0,3843		178754	687
2017	5	52001		1	30		10	0,6054		123876	750
2017	5	73001		1	30		10	0,6227		206516	1286
2017	5	13001		1	30		10	0,6123		257871	1579
2017	5	18001		1	30		10	0,378		102125	386
2017	5	23001		1	30		10	0,6196		173810	1077
2017	5	63001		1	30		10	0,5904		120082	709
2017	5	85001		1	30		10	0,6727		130228	876
2017	5	86001		2	30		10	0,3664		23472	86
2017	5	8001		1	30		10	0,4063		293374	1192
2017	5	47001		1	30		10	0,4693		90552	425
2017	5	66001		1	30		10	0,3183		215180	685
2017	5	68001		1	30		10	0,611		183808	1123
2017	5	88001		2	30		10	0,3224		10236	33
2017	5	11001		1	30		10	0,6525		3535877	23071
2017	5	76001		1	30		10	0,4848		540860	2622
2017	5	54001		1	30		10	0,6932		253043	1754
2017	5	68307		1	30		10	0,4524		34703	157
2017	5	25817		1	30		10	0,4735		14571	69
2017	5	68276		1	30		10	0,8676		50832	441
2017	5	25754		1	30		10	0,7975		127272	1015
2017	5	25290		1	30		10	0,8894		57454	511
2017	5	25126		1	30		10	1,0148		33208	337
2017	5	25899		1	30		10	0,7098		47758	339
2017	5	25269		1	30		10	0,5517		51299	283
2017	5	76834		1	30		10	0,4383		34225	150
2017	5	76109		1	30		10	0,4327		41831	181
2017	5	68547		1	30		10	0,8053		25580	206
2017	5	76147		1	30		10	0,2903		38931	113
2017	5	8758		1	30		10	0,3277		48218	158
2017	5	76520		1	30		10	0,4942		62731	310
2017	5	76892		1	30		10	0,2419		50031	121
2017	5	76130		1	30		10	0,6721		16069	108
2017	5	76364		1	30		10	1,4016		25614	359
2017	5	5001	500107	1	30		11	1,1924		30861	368
2017	5	5001	500104	1	30		11	1,5269		21088	322
2017	5	5001	500116	1	30		11	0,6869		56484	388
2017	5	5001	500106	1	30		11	1,1693		13170	154
2017	5	5001	500108	1	30		11	1,4623		14703	215
2017	5	5001	500101	1	30		11	1,2048		4067	49
2017	5	5001	500105	1	30		11	1,4034		34273	481
2017	5	5001	500115	1	30		11	0,4854		46767	227
2017	5	5001	500103	1	30		11	1,4475		9119	132
2017	5	5001	500114	1	30		11	0,4822		121744	587
2017	5	5001	500112	1	30		11	0,611		23076	141
2017	5	5001	500113	1	30		11	1,0257		17354	178
2017	5	5001	500111	1	30		11	0,823		70594	581
2017	5	5001		1	30		11	0,8784	2,5466	695920	6113
2017	5	5001	500110	1	30		11	0,8201		182540	1497
2017	5	5001	500109	1	30		11	1,7776		16145	287
2017	5	5001	500102	1	30		11	1,772		13939	247
2017	5	99001		2	30		17				
2017	5	15491		1	30		18	0,8681		4723	41
2017	5	15759		1	30		18	0,4283		77274	331
2017	5	15238		1	30		18	0,3783		78769	298
2017	5	15572		1	30		18	0,6472		16070	104
2017	5	19001		1	30		18	0,3567		132048	471
2017	5	95001		2	30		18	0,2105		17581	37
2017	5	81001		1	30		18	0,3079		22087	68
2017	5	15001		1	30		18	0,5428		150521	817
2017	5	66170		1	30		19	0,6768		56883	385
2017	5	5266		1	30		19	1,135		44934	510
2017	5	20400		1	30		19	0,3494		14595	51
2017	5	54498		1	30		19	0,6802		23669	161
2017	5	44560		1	30		19	0,7443		2284	17
2017	5	20011		1	30		19	0,3302		17566	58
2017	5	5318		1	30		19	0,6653		13227	88
2017	5	17380		1	30		19	0,754		23341	176



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	54405		1	30		19	0,4093		21254	87
2017	5	44430		1	30		19	0,2554		12530	32
2017	5	5607		1	30		19	0,4724		6562	31
2017	5	5380		1	30		19	1,1466		12210	140
2017	5	44001		1	30	19		0,4541		25765	117
2017	5	5631		1	30		19	1,0884		19845	216
2017	5	5045		1	30		19	0,6931		34914	242
2017	5	5360		1	30		19	1,2327		39992	493
2017	5	50568		1	30		19	0,6885		12782	88
2017	5	54874		1	30		19	1,4931		14801	221
2017	5	85410		1	30		19	1,3444		9000	121
2017	5	5308		1	30		19	0,7852		12736	100
2017	5	50006		1	30		19	0,8436		34613	292
2017	5	5129		1	30		19	0,9084		16953	154
2017	5	5615		1	30		19	0,4637		58660	272
2017	5	5837		1	30		19	0,8104		24062	195
2017	5	5088		1	30		19	1,8964		70185	1331
2017	5	44847		1	30		19	0,2693		5571	15
2017	5	5376		1	30		19	1,7175		14905	256
2017	5	97001		2	30	19			0,2157		
2017	5	94001		2	30	19			3,2992		
2017	5	73268		1	30		19	0,5449		24409	133
2017	5	91001		2	30	19			5,2983		
2017	5	5212		1	30		19	1,387		14636	203
2017	5	73449		1	30		19	0,5916		19776	117
2017	5	41551		1	30		19	0,8888		44442	395
2017	5	52356		1	30		20	0,8899		14047	125
2017	5	52835		1	30		20	0,6841		19148	131
2017	5	97001		2	31	9			0,3817		
2017	5	88001		2	31	9		0,4124		9943	41
2017	5	70001		1	31	9		0,2777		77770	216
2017	5	76001	7600121	1	31	10		0,4202		4046	17
2017	5	76001	7600122	1	31	10		0,5331		24011	128
2017	5	54001	5400106	1	31	10		1,3173		24216	319
2017	5	54001	5400101	1	31	10		0,4848		64153	311
2017	5	54001	5400104	1	31	10		0,9818		13648	134
2017	5	54001	5400110	1	31	10		1,3266		9272	123
2017	5	54001	5400108	1	31	10		0,596		20804	124
2017	5	54001	5400105	1	31	10		0,8821		31514	278
2017	5	54001	5400103	1	31	10		1,4909		11805	176
2017	5	54001	5400107	1	31	10		0,5254		18653	98
2017	5	54001	5400109	1	31	10		0,6311		13627	86
2017	5	54001	5400102	1	31	10		0,6886		32095	221
2017	5	5001	500102	1	31	10		1,9977		13215	264
2017	5	5001	500109	1	31	10		1,1571		17889	207
2017	5	5001	500110	1	31	10		0,775		180527	1399
2017	5	5001	500108	1	31	10		1,1841		14526	172
2017	5	5001	500106	1	31	10		1,0743		13125	141
2017	5	5001	500111	1	31	10		0,7238		67280	487
2017	5	8001	800105	1	31	10		0,2847		40037	114
2017	5	8001	800103	1	31	10		0,6712		46039	309
2017	5	8001	800102	1	31	10		0,6686		19592	131
2017	5	8001	800101	1	31	10		0,6856		37195	255
2017	5	8001	800104	1	31	10		0,2958		147396	436
2017	5	68001	6800111	1	31	10		0,4396		4777	21
2017	5	68001	6800117	1	31	10		0,6168		2756	17
2017	5	68001	6800101	1	31	10		0,7295		6306	46
2017	5	68001	6800115	1	31	10		0,6033		16908	102
2017	5	68001	6800113	1	31	10		0,626		34505	216
2017	5	68001	6800110	1	31	10		0,6191		8722	54
2017	5	68001	6800104	1	31	10		0,5242		15451	81
2017	5	68001	6800107	1	31	10		0,4262		3050	13
2017	5	68001	6800106	1	31	10		0,5135		14022	72
2017	5	68001	6800105	1	31	10		0,9796		8167	80
2017	5	68001	6800103	1	31	10		0,5647		19126	108
2017	5	68001	6800108	1	31	10		0,5273		2655	14
2017	5	68001	6800116	1	31	10		1,0444		6415	67
2017	5	68001	6800112	1	31	10		0,6295		34470	217
2017	5	11001	1100107	1	31	10		0,6772		133781	906
2017	5	11001	1100111	1	31	10		0,7455		388986	2900
2017	5	11001	1100105	1	31	10		0,8563		59443	509
2017	5	11001	1100108	1	31	10		0,9164		375582	3442
2017	5	11001	1100101	1	31	10		0,7052		348120	2455
2017	5	11001	1100110	1	31	10		0,6402		299450	1917
2017	5	11001	1100109	1	31	10		0,751		239678	1800
2017	5	11001	1100114	1	31	10		0,4436		150152	666
2017	5	11001	1100103	1	31	10		0,5394		157953	852
2017	5	11001	1100102	1	31	10		0,4036		347112	1401
2017	5	11001	1100117	1	31	10		0,5151		66205	341



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_3G	PORC_LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	5	11001	1100106	1	31	10		0,767		68191	523
2017	5	11001	1100113	1	31	10		0,5452		217735	1187
2017	5	11001	1100118	1	31	10		0,7439		104315	776
2017	5	11001	1100116	1	31	10		0,4997		230145	1150
2017	5	11001	1100104	1	31	10		1,1894		74741	889
2017	5	11001	1100115	1	31	10		0,6312		61788	390
2017	5	11001	1100112	1	31	10		0,5325		171463	913
2017	5	11001	1100119	1	31	10		0,8489		107548	913
2017	5	76001	7600101	1	31	10		0,2977		5711	17
2017	5	76001	7600102	1	31	10		0,2724		86638	236
2017	5	76001	7600103	1	31	10		0,3942		60371	238
2017	5	76001	7600104	1	31	10		0,1945		26733	52
2017	5	76001	7600105	1	31	10		0,203		22168	45
2017	5	76001	7600106	1	31	10		0,2403		12068	29
2017	5	76001	7600107	1	31	10		0,4415		8380	37
2017	5	76001	7600108	1	31	10		0,1885		26531	50
2017	5	76001	7600109	1	31	10		0,2639		22737	60
2017	5	76001	7600110	1	31	10		0,3985		21332	85
2017	5	76001	7600111	1	31	10		0,5911		11842	70
2017	5	76001	7600112	1	31	10		0,2052		3899	8
2017	5	76001	7600113	1	31	10		0,5338		14611	78
2017	5	76001	7600114	1	31	10		0,6202		14834	92
2017	5	76001	7600115	1	31	10		0,4732		7185	34
2017	5	76001	7600116	1	31	10		0,4326		10634	46
2017	5	76001	7600117	1	31	10		0,4723		52293	247
2017	5	76001	7600118	1	31	10		0,6506		17216	112
2017	5	76001	7600119	1	31	10		0,5622		65283	367
2017	5	76001	7600120	1	31	10		0,3683		3530	13
2017	5	76111		1	31		10	0,3002		18986	57
2017	5	50001	5000101	1	31	10		0,5233		20258	106
2017	5	50001	5000102	1	31	10		0,4742		67060	318
2017	5	50001	5000103	1	31	10		0,19		26313	50
2017	5	50001	5000104	1	31	10		0,4329		22637	98
2017	5	50001	5000105	1	31	10		0,2901		48256	140
2017	5	50001	5000106	1	31	10		0,1623		11709	19
2017	5	50001	5000107	1	31	10		0,7479		40245	301
2017	5	50001	5000108	1	31	10		0,5691		17746	101
2017	5	73001	7300101	1	31	10		0,2685		38361	103
2017	5	73001	7300102	1	31	10		0,4219		3792	16
2017	5	73001	7300103	1	31	10		0,9841		11381	112
2017	5	73001	7300104	1	31	10		0,7925		16278	129
2017	5	73001	7300105	1	31	10		0,3765		16732	63
2017	5	73001	7300106	1	31	10		0,455		6813	31
2017	5	73001	7300107	1	31	10		0,8583		14330	123
2017	5	73001	7300108	1	31	10		0,8568		12371	106
2017	5	73001	7300109	1	31	10		1,573		29753	468
2017	5	73001	7300110	1	31	10		0,4598		28706	132
2017	5	73001	7300111	1	31	10		0,1349		4447	6
2017	5	73001	7300112	1	31	10		0,3683		8145	30
2017	5	73001	7300113	1	31	10		0,5807		4994	29
2017	5	13001	1300102	1	31	10		1,9005		55353	1052
2017	5	13001	1300103	1	31	10		1,1389		70506	803
2017	5	13001	1300101	1	31	10		0,4663		131882	615
2017	5	5001	500116	1	31	10		0,7581		55535	421
2017	5	5001	500101	1	31	10		1,6		4000	64
2017	5	5001	500107	1	31	10		1,387		30354	421
2017	5	5001	500104	1	31	10		1,548		21705	336
2017	5	5001	500105	1	31	10		1,5052		32819	494
2017	5	5001	500115	1	31	10		0,4986		47732	238
2017	5	5001	500103	1	31	10		1,1889		9000	107
2017	5	5001	500114	1	31	10		0,5104		122070	623
2017	5	5001	500112	1	31	10		0,7728		23291	180
2017	5	5001	500113	1	31	10		1,0649		17091	182
2017	5	50001		1	31	10		0,5198		281630	1464
2017	5	20001		1	31	10		0,2047		98179	201
2017	5	27001		2	31	10		0,8386		79539	667
2017	5	41001		1	31	10		0,2948		145502	429
2017	5	81001		1	31	10		0,2732		20866	57
2017	5	17001		1	31	10		0,4228		174317	737
2017	5	52001		1	31	10		0,6596		124615	822
2017	5	73001		1	31	10		0,6883		200197	1378
2017	5	13001		1	31	10		0,9583		257741	2470
2017	5	18001		1	31	10		0,3926		93214	366
2017	5	23001		1	31	10		0,5774		178201	1029
2017	5	63001		1	31	10		0,5489		114038	626
2017	5	86001		2	31	10		0,3698		21904	81
2017	5	5001		1	31	10		0,8647		690506	5971
2017	5	8001		1	31	10		0,4298		292709	1258
2017	5	47001		1	31	10		0,4544		88901	404



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - MAYO 2017

LLAMADA\_CAIDA\_DESAGREGADO\_3G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINIST	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_3G	PORC. LLAMADAS CAIDAS_3G_EBTS	LLAMADAS EXITOSAS	LLAM TERM NO INT_USU
2017	5	66001		1	31		10	0,3566		218702	780
2017	5	68001		1	31		10	0,6286		179277	1127
2017	5	11001		1	31		10	0,6643		3602388	23930
2017	5	76001		1	31		10	0,4069		533592	2171
2017	5	54001		1	31		10	0,7994		242806	1941
2017	5	76834		1	31		10	0,4786		32388	155
2017	5	76109		1	31		10	0,5102		39789	203
2017	5	76147		1	31		10	0,2508		37074	93
2017	5	76520		1	31		10	0,4113		61272	252
2017	5	76892		1	31		10	0,2321		49550	115
2017	5	76130		1	31		10	0,6178		15538	96
2017	5	76364		1	31		10	0,5978		23752	142
2017	5	99001		2	31		16		2,2787		
2017	5	94001		2	31		17		1,3904		
2017	5	85001		1	31		17	0,523		129246	676
2017	5	19001		1	31		17	0,3843		130879	503
2017	5	91001		2	31		18		4,298		
2017	5	15759		1	31		18	0,5117		75625	387
2017	5	25799		1	31		18	0,9584		5739	55
2017	5	25286		1	31		18	1,7202		34298	590
2017	5	25473		1	31		18	1,3791		40896	564
2017	5	25175		1	31		18	0,7388		63753	471
2017	5	25758		1	31		18	1,5174		14103	214
2017	5	25307		1	31		18	0,4763		41782	199
2017	5	25377		1	31		18	0,5376		12649	68
2017	5	15238		1	31		18	0,3614		77469	280
2017	5	25430		1	31		18	1,2405		34181	424
2017	5	25214		1	31		18	0,8904		22463	200
2017	5	15001		1	31		18	0,5737		140675	807
2017	5	44001		1	31		18	0,5762		27770	160
2017	5	95001		2	31		18	0,216		16203	35
2017	5	15491		1	31		18	0,7882		4821	38
2017	5	25817		1	31		18	0,4735		14785	70
2017	5	25754		1	31		18	1,2291		144171	1772
2017	5	25290		1	31		18	1,0246		54267	556
2017	5	25126		1	31		18	1,2751		31761	405
2017	5	25899		1	31		18	1,1573		49771	576
2017	5	25269		1	31		18	0,6321		56954	360
2017	5	15572		1	31		18	0,8242		16986	140
2017	5	5376		1	31		19	2,9109		16524	481
2017	5	73268		1	31		19	0,4968		24555	122
2017	5	5837		1	31		19	0,8872		22429	199
2017	5	5615		1	31		19	0,532		60153	320
2017	5	5129		1	31		19	1,7483		23337	408
2017	5	50006		1	31		19	0,8167		32939	269
2017	5	5308		1	31		19	0,7345		12525	92
2017	5	8573		1	31		19	0,3575		9510	34
2017	5	85410		1	31		19	3,3349		8366	279
2017	5	54874		1	31		19	1,3678		14914	204
2017	5	50568		1	31		19	0,9097		13411	122
2017	5	5360		1	31		19	1,2558		40292	506
2017	5	68081		1	31		19	0,5798		56053	325
2017	5	5045		1	31		19	0,7883		33870	267
2017	5	5631		1	31		19	1,0433		20512	214
2017	5	68679		1	31		19	0,4366		13285	58
2017	5	68307		1	31		19	0,5262		23185	122
2017	5	5380		1	31		19	1,1911		12761	152
2017	5	5607		1	31		19	0,2171		6449	14
2017	5	68276		1	31		19	1,1427		50843	581
2017	5	54405		1	31		19	0,4064		20667	84
2017	5	17380		1	31		19	0,7706		23358	180
2017	5	5318		1	31		19	0,743		13056	97
2017	5	20011		1	31		19	0,3974		17363	69
2017	5	66170		1	31		19	0,5116		59223	303
2017	5	5266		1	31		19	1,1532		46047	531
2017	5	20400		1	31		19	0,418		15549	65
2017	5	54498		1	31		19	0,6167		23835	147
2017	5	73449		1	31		19	0,5539		18955	105
2017	5	68547		1	31		19	1,1608		21710	252
2017	5	41551		1	31		19	1,024		41603	426
2017	5	8758		1	31		19	0,4431		47622	211
2017	5	5212		1	31		19	1,388		14769	205
2017	5	5088		1	31		19	1,843		73143	1348
2017	5	44847		1	31		20	0,4565		4600	21
2017	5	52356		1	31		20	0,8236		14206	117
2017	5	52835		1	31		20	0,729		19889	145
2017	5	44560		1	31		20	1,0811		2035	22
2017	5	44430		1	31		20	0,3884		10556	41