



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	86001		2	1		0		2,4636	74729	1841
2017	4	54001	5400106	1	1		10		1,1493	29497	339
2017	4	54001	5400101	1	1		10		0,3248	52949	172
2017	4	54001	5400104	1	1		10		0,7258	14467	105
2017	4	54001	5400110	1	1		10		0,6746	9042	61
2017	4	54001	5400108	1	1		10		0,5163	21501	111
2017	4	54001	5400105	1	1		10		0,5093	32596	166
2017	4	54001	5400103	1	1		10		1,1223	11227	126
2017	4	54001	5400107	1	1		10		0,5296	19828	105
2017	4	54001	5400109	1	1		10		0,5257	14266	75
2017	4	54001	5400102	1	1		10		0,5835	26908	157
2017	4	99001		2	1		10			2,8409	
2017	4	68001	6800111	1	1		10		0,7754	4772	37
2017	4	68001	6800117	1	1		10		1,2623	3565	45
2017	4	68001	6800101	1	1		10		0,7426	5521	41
2017	4	68001	6800115	1	1		10		0,4624	11462	53
2017	4	68001	6800113	1	1		10		0,6397	27043	173
2017	4	68001	6800110	1	1		10		1,0553	9760	103
2017	4	68001	6800104	1	1		10		0,5202	12494	65
2017	4	68001	6800107	1	1		10		0,6287	3022	19
2017	4	68001	6800106	1	1		10		0,6293	12235	77
2017	4	68001	6800105	1	1		10		1,3261	7164	95
2017	4	68001	6800103	1	1		10		0,3939	19547	77
2017	4	68001	6800108	1	1		10		1,1118	3148	35
2017	4	68001	6800116	1	1		10		0,9948	6936	69
2017	4	68001	6800112	1	1		10		0,535	28039	150
2017	4	11001	1100107	1	1		10		1,1623	154259	1793
2017	4	11001	1100111	1	1		10		0,948	391776	3714
2017	4	11001	1100105	1	1		10		0,9383	66506	624
2017	4	11001	1100108	1	1		10		1,4019	393028	5510
2017	4	11001	1100101	1	1		10		0,9574	279702	2678
2017	4	11001	1100110	1	1		10		1,0356	295468	3060
2017	4	11001	1100109	1	1		10		0,909	210331	1912
2017	4	11001	1100114	1	1		10		0,6214	118275	735
2017	4	11001	1100103	1	1		10		0,6316	102275	646
2017	4	11001	1100102	1	1		10		0,617	169362	1045
2017	4	11001	1100117	1	1		10		0,746	29358	219
2017	4	11001	1100106	1	1		10		1,3775	69475	957
2017	4	11001	1100113	1	1		10		0,7171	128715	923
2017	4	11001	1100118	1	1		10		0,9857	109160	1076
2017	4	11001	1100116	1	1		10		0,631	178934	1129
2017	4	11001	1100104	1	1		10		1,6077	79617	1280
2017	4	11001	1100115	1	1		10		1,0971	56695	622
2017	4	11001	1100112	1	1		10		0,6108	128676	786
2017	4	11001	1100119	1	1		10		1,354	116251	1574
2017	4	5376		1	1		10		0,635	15276	97
2017	4	5088		1	1		10		1,5267	71199	1087
2017	4	5837		1	1		10		0,6543	23690	155
2017	4	25799		1	1		10		1,9008	7155	136
2017	4	5615		1	1		10		0,4934	66881	330
2017	4	5129		1	1		10		0,7391	17725	131
2017	4	25286		1	1		10		1,7982	35703	642
2017	4	25473		1	1		10		1,0723	34227	367
2017	4	5308		1	1		10		0,7619	14043	107
2017	4	8573		1	1		10		0,647	15457	100
2017	4	25175		1	1		10		0,7647	60811	465
2017	4	5360		1	1		10		1,9776	58152	1150
2017	4	25758		1	1		10		1,1627	16599	193
2017	4	25307		1	1		10		0,5885	40609	239
2017	4	25377		1	1		10		2,0231	13395	271
2017	4	68081		1	1		10		0,3908	62690	245
2017	4	25430		1	1		10		1,3596	33097	450
2017	4	5045		1	1		10		0,6181	38989	241
2017	4	5631		1	1		10		1,1568	27231	315
2017	4	68679		1	1		10		0,3758	16765	63
2017	4	25214		1	1		10		1,1476	23789	273
2017	4	73001	7300101	1	1		10		0,2342	27754	65
2017	4	73001	7300102	1	1		10		0,2467	3243	8
2017	4	73001	7300103	1	1		10		0,4424	11076	49
2017	4	73001	7300104	1	1		10		0,265	14717	39
2017	4	73001	7300105	1	1		10		0,439	16629	73
2017	4	73001	7300106	1	1		10		0,6911	6656	46
2017	4	73001	7300107	1	1		10		0,8285	14967	124
2017	4	73001	7300108	1	1		10		1,0725	12401	133
2017	4	73001	7300109	1	1		10		2,2739	27750	631
2017	4	73001	7300110	1	1		10		0,2098	24311	51
2017	4	73001	7300111	1	1		10		0,2213	4518	10
2017	4	73001	7300112	1	1		10		0,3608	7207	26
2017	4	73001	7300113	1	1		10		0,3912	3834	15



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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	4	13001	1300102	1	1	10		0,5421		56817	308
2017	4	13001	1300103	1	1	10		0,5707		70621	403
2017	4	13001	1300101	1	1	10		0,4501		119527	538
2017	4	15001		1	1	10		0,3814		118248	451
2017	4	11001		1	1	10		0,9839		3077863	30283
2017	4	13001		1	1	10		0,5057		246965	1249
2017	4	20001		1	1	10		0,2547		90705	231
2017	4	70001		1	1	10		0,2604		70280	183
2017	4	41001		1	1	10		0,552		136606	754
2017	4	54001		1	1	10		0,634		235664	1494
2017	4	73001		1	1	10		0,7337		178677	1311
2017	4	19001		1	1	10		0,3241		125871	408
2017	4	68001		1	1	10		0,6832		156757	1071
2017	4	81001		1	1	10		0,4181		19134	80
2017	4	85001		1	1	10		0,623		112994	704
2017	4	47001		1	1	10		0,3544		85783	304
2017	4	68307		1	1		10	0,7251		31445	228
2017	4	25817		1	1		10	0,4234		12046	51
2017	4	5380		1	1		10	1,2955		14512	188
2017	4	5607		1	1		10	0,2633		8734	23
2017	4	68276		1	1		10	0,8923		50433	450
2017	4	25754		1	1		10	0,9438		127037	1199
2017	4	5318		1	1		10	0,4575		13990	64
2017	4	25290		1	1		10	0,8324		52862	440
2017	4	25126		1	1		10	1,1861		31533	374
2017	4	5266		1	1		10	1,2871		60989	785
2017	4	25899		1	1		10	1,0125		46718	473
2017	4	25269		1	1		10	0,6741		49106	331
2017	4	68547		1	1		10	0,8277		24405	202
2017	4	8758		1	1		10	0,3634		47600	173
2017	4	5212		1	1		10	1,4088		16255	229
2017	4	76109		1	1		11	0,4179		55277	231
2017	4	76147		1	1		11	0,3244		38220	124
2017	4	76520		1	1		11	0,6066		58027	352
2017	4	76892		1	1		11	0,4689		38817	182
2017	4	76130		1	1		11	0,6914		15475	107
2017	4	76364		1	1		11	0,6253		27345	171
2017	4	76001	7600121	1	1		11	0,6239		4488	28
2017	4	76001	7600122	1	1		11	0,7836		26417	207
2017	4	5001	500102	1	1		11	1,6748		15405	258
2017	4	5001	500109	1	1		11	1,5903		21317	339
2017	4	5001	500110	1	1		11	1,142		171108	1954
2017	4	5001	500108	1	1		11	1,8094		15862	287
2017	4	5001	500106	1	1		11	1,7193		15413	265
2017	4	5001	500111	1	1		11	0,946		65748	622
2017	4	8001	800105	1	1		11	0,7754		40495	314
2017	4	8001	800103	1	1		11	0,4536		40561	184
2017	4	8001	800102	1	1		11	0,5958		18463	110
2017	4	8001	800101	1	1		11	1,1797		35178	415
2017	4	8001	800104	1	1		11	0,5173		127592	660
2017	4	76001	7600101	1	1		11	0,5612		5702	32
2017	4	76001	7600102	1	1		11	0,3415		62957	215
2017	4	76001	7600103	1	1		11	0,429		43821	188
2017	4	76001	7600104	1	1		11	0,1155		20771	24
2017	4	76001	7600105	1	1		11	0,2308		23829	55
2017	4	76001	7600106	1	1		11	0,2292		14395	33
2017	4	76001	7600107	1	1		11	0,4619		8876	41
2017	4	76001	7600108	1	1		11	0,2721		24995	68
2017	4	76001	7600109	1	1		11	0,3427		22174	76
2017	4	76001	7600110	1	1		11	0,4338		23283	101
2017	4	76001	7600111	1	1		11	0,3431		12532	43
2017	4	76001	7600112	1	1		11	0,4679		4274	20
2017	4	76001	7600113	1	1		11	0,5125		16391	84
2017	4	76001	7600114	1	1		11	0,602		15946	96
2017	4	76001	7600115	1	1		11	0,492		7317	36
2017	4	76001	7600116	1	1		11	0,7611		11300	86
2017	4	76001	7600117	1	1		11	0,6671		55910	373
2017	4	76001	7600118	1	1		11	0,832		18270	152
2017	4	76001	7600119	1	1		11	0,6132		57733	354
2017	4	76001	7600120	1	1		11	0,5765		3816	22
2017	4	76111		1	1		11	0,2825		17701	50
2017	4	50001	5000101	1	1		11	0,6443		17693	114
2017	4	50001	5000102	1	1		11	0,4489		48788	219
2017	4	50001	5000103	1	1		11	0,2751		29079	80
2017	4	50001	5000104	1	1		11	0,556		23021	128
2017	4	50001	5000105	1	1		11	0,4378		50711	222
2017	4	50001	5000106	1	1		11	0,1837		14696	27
2017	4	50001	5000107	1	1		11	0,4718		42813	202
2017	4	50001	5000108	1	1		11	0,5591		19137	107



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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	4	5001	500116	1	1	11		1,1673		56968	665
2017	4	5001	500101	1	1	11		1,4119		4533	64
2017	4	5001	500107	1	1	11		1,8181		32561	592
2017	4	5001	500104	1	1	11		1,7232		21182	365
2017	4	5001	500105	1	1	11		1,6986		33263	565
2017	4	5001	500115	1	1	11		1,0369		36840	382
2017	4	5001	500103	1	1	11		1,3914		9343	130
2017	4	5001	500114	1	1	11		0,7803		85606	668
2017	4	5001	500112	1	1	11		0,7694		24695	190
2017	4	5001	500113	1	1	11		1,1176		19775	221
2017	4	5001		1	1	11		1,207		651638	7865
2017	4	23001		1	1	11		0,5277		168841	891
2017	4	66001		1	1	11		0,4482		203475	912
2017	4	44001		1	1	11		0,4048		25446	103
2017	4	8001		1	1	11		0,6422		264546	1699
2017	4	52001		1	1	11		0,9672		115276	1115
2017	4	76001		1	1	11		0,5027		497555	2501
2017	4	17001		1	1	11		0,4166		161288	672
2017	4	50001		1	1	11		0,5307		271538	1441
2017	4	63001		1	1	11		0,6604		107662	711
2017	4	66170		1	1		11	0,4337		63866	277
2017	4	76834		1	1		11	0,5369		32223	173
2017	4	15572		1	1		18	2,7295		15644	427
2017	4	15759		1	1		18	0,678		72710	493
2017	4	15491		1	1		18	0,6371		5023	32
2017	4	15238		1	1		18	0,337		68542	231
2017	4	50006		1	1		19	1,5027		34138	513
2017	4	85410		1	1		19	0,8795		6822	60
2017	4	54874		1	1		19	1,1018		15611	172
2017	4	50568		1	1		19	1,1836		11406	135
2017	4	88001		2	1		19	0,384		9636	37
2017	4	73268		1	1		19	0,5074		27000	137
2017	4	17380		1	1		19	0,8198		23055	189
2017	4	20011		1	1		19	0,3186		18835	60
2017	4	20400		1	1		19	0,3372		13643	46
2017	4	54498		1	1		19	0,6038		23685	143
2017	4	73449		1	1		19	0,5855		23570	138
2017	4	54405		1	1		19	0,358		23745	85
2017	4	91001		2	1		20		5,6736		
2017	4	97001		2	1		20		0,1543		
2017	4	94001		2	1		20		1,5094		
2017	4	44847		1	1		20	0,2081		4806	10
2017	4	52356		1	1		20	0,8547		15210	130
2017	4	41551		1	1		20	0,8736		43615	381
2017	4	95001		2	1		20	0,2871		12192	35
2017	4	18001		1	1		20	0,5602		76396	428
2017	4	44430		1	1		20	0,2835		10228	29
2017	4	44560		1	1		20	1,0808		1943	21
2017	4	52835		1	1		20	0,5283		26502	140
2017	4	27001		2	1		20	1,2572		69358	872
2017	4	91001		2	2		19		3,9977		
2017	4	94001		2	2		19		0,4118		
2017	4	11001	1100107	1	2		19	1,5581		154164	2402
2017	4	11001	1100111	1	2		19	1,065		285534	3041
2017	4	11001	1100105	1	2		19	1,1153		75406	841
2017	4	11001	1100108	1	2		19	1,3301		277864	3696
2017	4	11001	1100101	1	2		19	1,1313		152308	1723
2017	4	11001	1100110	1	2		19	0,9937		207915	2066
2017	4	11001	1100109	1	2		19	1,004		116436	1169
2017	4	11001	1100114	1	2		19	0,8437		34492	291
2017	4	11001	1100103	1	2		19	1,1803		26604	314
2017	4	11001	1100102	1	2		19	0,6198		57921	359
2017	4	11001	1100117	1	2		19	1,8706		7591	142
2017	4	11001	1100106	1	2		19	1,3875		56577	785
2017	4	11001	1100113	1	2		19	0,6578		55941	368
2017	4	11001	1100118	1	2		19	1,2622		91667	1157
2017	4	11001	1100116	1	2		19	0,794		85015	675
2017	4	11001	1100104	1	2		19	1,7406		78422	1365
2017	4	11001	1100115	1	2		19	1,0845		27570	299
2017	4	11001	1100112	1	2		19	0,7175		45155	324
2017	4	11001	1100119	1	2		19	1,4679		125618	1844
2017	4	5376		1	2		19	0,7898		12662	100
2017	4	15572		1	2		19	0,751		13049	98
2017	4	5088		1	2		19	1,5587		62937	981
2017	4	5837		1	2		19	0,7711		23861	184
2017	4	25799		1	2		19	2,2345		4162	93
2017	4	5615		1	2		19	0,5113		42053	215
2017	4	5129		1	2		19	0,9292		15604	145
2017	4	50006		1	2		19	1,2565		28174	354



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2017	4	25286		1	2		19	1,9766		21350	422
2017	4	25473		1	2		19	1,0223		25531	261
2017	4	5308		1	2		19	1,247		10505	131
2017	4	85410		1	2		19	1,0753		7254	78
2017	4	25175		1	2		19	0,8017		38917	312
2017	4	50568		1	2		19	0,7996		11131	89
2017	4	5360		1	2		19	1,5537		27869	433
2017	4	25758		1	2		19	1,1505		9474	109
2017	4	25307		1	2		19	0,8097		26677	216
2017	4	25377		1	2		19	0,4859		9262	45
2017	4	68081		1	2		19	0,4496		46932	211
2017	4	15238		1	2		19	0,5267		44049	232
2017	4	25430		1	2		19	1,2899		26592	343
2017	4	5045		1	2		19	0,6132		30335	186
2017	4	5631		1	2		19	1,0947		15256	167
2017	4	68679		1	2		19	0,4307		10215	44
2017	4	25214		1	2		19	1,1052		10043	111
2017	4	50001	5000101	1	2	19		0,5495		11647	64
2017	4	50001	5000102	1	2	19		0,6751		14072	95
2017	4	50001	5000103	1	2	19		1,1588		10183	118
2017	4	50001	5000104	1	2	19		0,9999		20903	209
2017	4	50001	5000105	1	2	19		0,6118		39392	241
2017	4	50001	5000106	1	2	19		0,453		5739	26
2017	4	50001	5000107	1	2	19		0,5297		30206	160
2017	4	50001	5000108	1	2	19		0,6469		17623	114
2017	4	47001		1	2	19		0,4236		58784	249
2017	4	70001		1	2	19		0,2956		45672	135
2017	4	11001		1	2	19		1,1651		1962200	22861
2017	4	50001		1	2	19		0,7522		173613	1306
2017	4	86001		2	2	19		1,0034		29897	300
2017	4	15001		1	2	19		0,5524		72045	398
2017	4	81001		1	2	19		0,7993		15763	126
2017	4	85001		1	2	19		0,7644		80454	615
2017	4	68307		1	2		19	0,6612		18452	122
2017	4	15491		1	2		19	0,9863		3650	36
2017	4	25817		1	2		19	0,4826		8910	43
2017	4	5380		1	2		19	1,115		8969	100
2017	4	5607		1	2		19	0,2158		6025	13
2017	4	68276		1	2		19	0,9125		40985	374
2017	4	25754		1	2		19	1,4729		129538	1908
2017	4	5318		1	2		19	0,6204		11766	73
2017	4	25290		1	2		19	1,2519		40018	501
2017	4	25126		1	2		19	1,2283		20353	250
2017	4	5266		1	2		19	1,2479		32535	406
2017	4	25899		1	2		19	1,1501		33910	390
2017	4	25269		1	2		19	0,7283		42841	312
2017	4	73449		1	2		19	0,6804		18077	123
2017	4	68547		1	2		19	1,3178		21172	279
2017	4	15759		1	2		19	0,6841		44729	306
2017	4	5212		1	2		19	1,6038		12221	196
2017	4	73268		1	2		19	0,6133		20545	126
2017	4	73001	7300101	1	2	20		0,2958		9805	29
2017	4	73001	7300102	1	2	20		0,3715		2692	10
2017	4	73001	7300103	1	2	20		0,6973		3442	24
2017	4	73001	7300104	1	2	20		0,3702		9183	34
2017	4	73001	7300105	1	2	20		0,4233		12047	51
2017	4	73001	7300106	1	2	20		0,6594		6066	40
2017	4	73001	7300107	1	2	20		1,0815		12483	135
2017	4	73001	7300108	1	2	20		0,988		11032	109
2017	4	73001	7300109	1	2	20		2,8437		15297	435
2017	4	73001	7300110	1	2	20		0,3128		10231	32
2017	4	73001	7300111	1	2	20		0,2827		4598	13
2017	4	73001	7300112	1	2	20		0,3361		6843	23
2017	4	73001	7300113	1	2	20		0,5981		4347	26
2017	4	13001	1300102	1	2	20		0,5396		39289	212
2017	4	13001	1300103	1	2	20		0,7441		46497	346
2017	4	13001	1300101	1	2	20		0,5126		55399	284
2017	4	5001	500116	1	2	20		1,15		33825	389
2017	4	5001	500101	1	2	20		3,0162		7327	221
2017	4	5001	500107	1	2	20		1,9769		28529	564
2017	4	5001	500104	1	2	20		2,0025		17628	353
2017	4	5001	500105	1	2	20		2,2824		24404	557
2017	4	5001	500115	1	2	20		1,2838		14410	185
2017	4	5001	500103	1	2	20		1,6957		12207	207
2017	4	5001	500114	1	2	20		0,958		30376	291
2017	4	5001	500112	1	2	20		1,0778		13824	149
2017	4	5001	500113	1	2	20		1,4614		19434	284
2017	4	13001		1	2	20		0,5964		141185	842
2017	4	17001		1	2	20		0,5756		93290	537



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	8001		1	2	20		0,8601		118946	1023
2017	4	66001		1	2	20		0,4941		109487	541
2017	4	54001		1	2	20		0,9012		135368	1220
2017	4	95001		2	2	20		0,7147		10774	77
2017	4	76001		1	2	20		0,6809		278298	1895
2017	4	19001		1	2	20		0,4086		88100	360
2017	4	18001		1	2	20		0,8466		58467	495
2017	4	27001		2	2	20		1,1253		54742	616
2017	4	88001		2	2	20		0,3309		7252	24
2017	4	63001		1	2	20		0,6812		58716	400
2017	4	20001		1	2	20		0,376		50795	191
2017	4	73001		1	2	20		0,8915		110153	982
2017	4	23001		1	2	20		0,6612		104666	692
2017	4	5001		1	2	20		1,6071		338195	5435
2017	4	44001		1	2	20		0,4568		17731	81
2017	4	68001		1	2	20		0,9383		73535	690
2017	4	52001		1	2	20		0,7511		65108	489
2017	4	44430		1	2		20	0,2959		9124	27
2017	4	54405		1	2		20	0,3407		16439	56
2017	4	17380		1	2		20	0,7905		18217	144
2017	4	20011		1	2		20	0,3002		14656	44
2017	4	44560		1	2		20	0,6101		1803	11
2017	4	66170		1	2		20	0,4608		44057	203
2017	4	20400		1	2		20	0,3374		11263	38
2017	4	54498		1	2		20	0,6341		18135	115
2017	4	76834		1	2		20	0,6066		20443	124
2017	4	76109		1	2		20	0,7935		34404	273
2017	4	52835		1	2		20	0,7308		26545	194
2017	4	41551		1	2		20	1,0123		34277	347
2017	4	76147		1	2		20	0,8416		25784	217
2017	4	8758		1	2		20	2,4281		42297	1027
2017	4	76520		1	2		20	0,5687		35695	203
2017	4	76892		1	2		20	0,5286		18729	99
2017	4	76130		1	2		20	0,7301		13696	100
2017	4	76364		1	2		20	0,671		19225	129
2017	4	76001	7600121	1	2		20	0,4593		5661	26
2017	4	76001	7600122	1	2		20	0,9197		7394	68
2017	4	54001	5400106	1	2		20	1,3173		20420	269
2017	4	54001	5400101	1	2		20	0,8416		7842	66
2017	4	54001	5400104	1	2		20	0,8616		10098	87
2017	4	54001	5400110	1	2		20	0,7765		7083	55
2017	4	54001	5400108	1	2		20	0,8828		21522	190
2017	4	54001	5400105	1	2		20	0,5714		14877	85
2017	4	54001	5400103	1	2		20	1,0957		9400	103
2017	4	54001	5400107	1	2		20	0,5779		18689	108
2017	4	54001	5400109	1	2		20	0,9453		12271	116
2017	4	54001	5400102	1	2		20	0,8985		10685	96
2017	4	97001		2	2		20		0		
2017	4	99001		2	2		20		2,9762		
2017	4	5001	500102	1	2		20	2,3616		15244	360
2017	4	5001	500109	1	2		20	1,7046		18479	315
2017	4	5001	500110	1	2		20	1,6495		27038	446
2017	4	5001	500108	1	2		20	1,7041		15023	256
2017	4	5001	500106	1	2		20	1,7718		17214	305
2017	4	5001	500111	1	2		20	1,2289		22460	276
2017	4	8001	800105	1	2		20	0,3199		16257	52
2017	4	8001	800103	1	2		20	1,3715		23259	319
2017	4	8001	800102	1	2		20	0,7641		17536	134
2017	4	8001	800101	1	2		20	1,0822		26150	283
2017	4	8001	800104	1	2		20	0,6324		33525	212
2017	4	68001	6800111	1	2		20	0,8591		2910	25
2017	4	68001	6800117	1	2		20	1,5404		3181	49
2017	4	68001	6800101	1	2		20	0,6667		6150	41
2017	4	68001	6800115	1	2		20	0,7531		1195	9
2017	4	68001	6800113	1	2		20	0,6675		11686	78
2017	4	68001	6800110	1	2		20	1,4092		7806	110
2017	4	68001	6800104	1	2		20	1,2966		3085	40
2017	4	68001	6800107	1	2		20	0,816		2206	18
2017	4	68001	6800106	1	2		20	0,501		4391	22
2017	4	68001	6800105	1	2		20	2,4154		4637	112
2017	4	68001	6800103	1	2		20	0,5806		9818	57
2017	4	68001	6800108	1	2		20	1,0215		2741	28
2017	4	68001	6800116	1	2		20	0,8268		4959	41
2017	4	68001	6800112	1	2		20	0,5824		7040	41
2017	4	76001	7600101	1	2		20	0,5662		5828	33
2017	4	76001	7600102	1	2		20	0,347		24786	86
2017	4	76001	7600103	1	2		20	0,7948		7675	61
2017	4	76001	7600104	1	2		20	0,2557		7821	20
2017	4	76001	7600105	1	2		20	0,3441		17144	59



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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	4	76001	7600106	1	2	20		0,2844		12659	36
2017	4	76001	7600107	1	2	20		0,3511		7121	25
2017	4	76001	7600108	1	2	20		0,4433		14663	65
2017	4	76001	7600109	1	2	20		0,4961		5846	29
2017	4	76001	7600110	1	2	20		0,4591		13069	60
2017	4	76001	7600111	1	2	20		0,4604		10209	47
2017	4	76001	7600112	1	2	20		0,2509		3587	9
2017	4	76001	7600113	1	2	20		0,4986		17249	86
2017	4	76001	7600114	1	2	20		0,8385		18366	154
2017	4	76001	7600115	1	2	20		0,7357		8971	66
2017	4	76001	7600116	1	2	20		0,9202		10432	96
2017	4	76001	7600117	1	2	20		0,695		30792	214
2017	4	76001	7600118	1	2	20		1,0767		15232	164
2017	4	76001	7600119	1	2	20		1,0569		22425	237
2017	4	76001	7600120	1	2	20		4,3872		3419	150
2017	4	44847		1	2		20	0,325		4000	13
2017	4	52356		1	2		20	0,8126		11937	97
2017	4	8573		1	2		20	0,3999		6001	24
2017	4	54874		1	2		20	1,314		11187	147
2017	4	76111		1	2		20	0,4306		9986	43
2017	4	41001		1	2	22		3,2102		220421	7076
2017	4	50001	5000102	1	3	10		0,7183		70162	504
2017	4	50001	5000103	1	3	10		0,3914		28102	110
2017	4	50001	5000104	1	3	10		0,4635		23083	107
2017	4	50001	5000105	1	3	10		0,3671		48757	179
2017	4	50001	5000106	1	3	10		0,2225		13931	31
2017	4	50001	5000107	1	3	10		0,3993		41322	165
2017	4	50001	5000108	1	3	10		0,3916		18130	71
2017	4	73001	7300101	1	3	10		0,197		38571	76
2017	4	73001	7300102	1	3	10		0,2962		3376	10
2017	4	73001	7300103	1	3	10		0,5063		11850	60
2017	4	73001	7300104	1	3	10		0,3389		15932	54
2017	4	73001	7300105	1	3	10		0,5089		16112	82
2017	4	73001	7300106	1	3	10		0,4121		7280	30
2017	4	73001	7300107	1	3	10		1,0645		13809	147
2017	4	73001	7300108	1	3	10		0,722		11912	86
2017	4	73001	7300109	1	3	10		1,719		29727	511
2017	4	73001	7300110	1	3	10		0,2389		30136	72
2017	4	73001	7300111	1	3	10		0,2723		4774	13
2017	4	73001	7300112	1	3	10		0,2147		7918	17
2017	4	73001	7300113	1	3	10		0,6888		4210	29
2017	4	13001	1300102	1	3	10		0,6221		54977	342
2017	4	13001	1300103	1	3	10		0,5863		70780	415
2017	4	13001	1300101	1	3	10		0,4153		127626	530
2017	4	41001		1	3	10		0,5937		141319	839
2017	4	17001		1	3	10		0,4578		176927	810
2017	4	11001		1	3	10		0,8652		3511985	30387
2017	4	20001		1	3	10		1,9365		96151	1862
2017	4	8001		1	3	10		0,5526		280472	1550
2017	4	73001		1	3	10		0,6168		199414	1230
2017	4	50001		1	3	10		0,574		291832	1675
2017	4	13001		1	3	10		0,5079		253383	1287
2017	4	70001		1	3	10		0,3999		74773	299
2017	4	63001		1	3	10		0,5501		119254	656
2017	4	76001		1	3	10		0,5374		538664	2895
2017	4	23001		1	3	10		0,6002		173439	1041
2017	4	47001		1	3	10		0,3562		89286	318
2017	4	52001		1	3	10		0,6023		120707	727
2017	4	68001		1	3	10		0,6589		179091	1180
2017	4	66001		1	3	10		0,3493		215005	751
2017	4	76834		1	3	10	10	0,5444		33799	184
2017	4	76109		1	3	10	10	0,3934		53891	212
2017	4	76147		1	3	10	10	0,7801		40637	317
2017	4	8758		1	3	10	10	0,347		50145	174
2017	4	76520		1	3	10	10	0,5679		61105	347
2017	4	76892		1	3	10	10	0,3515		50066	176
2017	4	76130		1	3	10	10	1,1024		16146	178
2017	4	76364		1	3	10	10	0,6069		24715	150
2017	4	76001	7600121	1	3	10		1,0893		4682	51
2017	4	76001	7600122	1	3	10		0,7611		24834	189
2017	4	99001		2	3	10			2,9974		
2017	4	8001	800105	1	3	10		0,3034		37899	115
2017	4	8001	800103	1	3	10		0,5456		42155	230
2017	4	8001	800102	1	3	10		0,7732		18495	143
2017	4	8001	800101	1	3	10		0,9056		35114	318
2017	4	8001	800104	1	3	10		0,4877		144132	703
2017	4	68001	6800111	1	3	10		0,3926		4585	18
2017	4	68001	6800117	1	3	10		1,0965		3192	35
2017	4	68001	6800101	1	3	10		0,6291		6040	38



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	68001	6800115	1	3	10		0,4851		16903	82
2017	4	68001	6800113	1	3	10		0,7189		34499	248
2017	4	68001	6800110	1	3	10		0,961		8741	84
2017	4	68001	6800104	1	3	10		0,5277		14592	77
2017	4	68001	6800107	1	3	10		0,6362		3301	21
2017	4	68001	6800106	1	3	10		0,5294		12655	67
2017	4	68001	6800105	1	3	10		1,6119		7941	128
2017	4	68001	6800103	1	3	10		0,4891		21058	103
2017	4	68001	6800108	1	3	10		1,0512		2854	30
2017	4	68001	6800116	1	3	10		1,0725		6154	66
2017	4	68001	6800112	1	3	10		0,4763		34642	165
2017	4	11001	1100107	1	3	10		1,0477		143453	1503
2017	4	11001	1100111	1	3	10		0,8208		385252	3162
2017	4	11001	1100105	1	3	10		0,7671		63879	490
2017	4	11001	1100108	1	3	10		0,9445		369928	3494
2017	4	11001	1100101	1	3	10		1,0365		338247	3506
2017	4	11001	1100110	1	3	10		0,7194		295653	2127
2017	4	11001	1100109	1	3	10		1,0186		239944	2444
2017	4	11001	1100114	1	3	10		0,7542		143459	1082
2017	4	11001	1100103	1	3	10		0,6969		144487	1007
2017	4	11001	1100102	1	3	10		0,5389		314178	1693
2017	4	11001	1100117	1	3	10		1,312		58992	774
2017	4	11001	1100106	1	3	10		1,1153		69666	777
2017	4	11001	1100113	1	3	10		0,8381		200346	1679
2017	4	11001	1100118	1	3	10		0,9562		108237	1035
2017	4	11001	1100116	1	3	10		0,6158		221339	1363
2017	4	11001	1100104	1	3	10		1,4908		79221	1181
2017	4	11001	1100115	1	3	10		0,9586		60715	582
2017	4	11001	1100112	1	3	10		0,6711		160931	1080
2017	4	11001	1100119	1	3	10		1,2345		114058	1408
2017	4	76001	7600101	1	3	10		0,5094		6085	31
2017	4	76001	7600102	1	3	10		0,4698		84506	397
2017	4	76001	7600103	1	3	10		0,5067		61175	310
2017	4	76001	7600104	1	3	10		0,1318		23523	31
2017	4	76001	7600105	1	3	10		0,4852		23908	116
2017	4	76001	7600106	1	3	10		0,4787		11071	53
2017	4	76001	7600107	1	3	10		0,2784		8980	25
2017	4	76001	7600108	1	3	10		0,3089		27192	84
2017	4	76001	7600109	1	3	10		0,3488		22936	80
2017	4	76001	7600110	1	3	10		0,4593		21770	100
2017	4	76001	7600111	1	3	10		0,5235		12416	65
2017	4	76001	7600112	1	3	10		0,2933		4092	12
2017	4	76001	7600113	1	3	10		0,5503		16173	89
2017	4	76001	7600114	1	3	10		0,6315		15518	98
2017	4	76001	7600115	1	3	10		0,4982		7628	38
2017	4	76001	7600116	1	3	10		0,5759		11287	65
2017	4	76001	7600117	1	3	10		0,5832		52472	306
2017	4	76001	7600118	1	3	10		0,6053		18173	110
2017	4	76001	7600119	1	3	10		0,5922		64839	384
2017	4	76001	7600120	1	3	10		4,0268		3576	144
2017	4	8573		1	3		10	0,2656		14305	38
2017	4	76111		1	3		10	0,313		18531	58
2017	4	50001	5000101	1	3	10		0,4827		20511	99
2017	4	5001	500102	1	3	11		1,7088		14806	253
2017	4	5001		1	3	11		1,1057		695929	7695
2017	4	5001	500110	1	3	11		1,0474		179011	1875
2017	4	5001	500108	1	3	11		1,7828		14752	263
2017	4	5001	500106	1	3	11		1,8206		13677	249
2017	4	5001	500111	1	3	11		0,8565		69817	598
2017	4	5001	500116	1	3	11		1,1221		54896	616
2017	4	5001	500101	1	3	11		1,8173		4347	79
2017	4	5001	500107	1	3	11		1,7686		31041	549
2017	4	5001	500104	1	3	11		1,7286		21404	370
2017	4	5001	500105	1	3	11		1,7127		35207	603
2017	4	5001	500115	1	3	11		0,8628		47635	411
2017	4	5001	500103	1	3	11		1,5651		8306	130
2017	4	5001	500114	1	3	11		0,6751		121760	822
2017	4	5001	500112	1	3	11		0,7431		22473	167
2017	4	5001	500113	1	3	11		0,9767		17918	175
2017	4	5001	500109	1	3	11		1,4286		18480	264
2017	4	54001	5400106	1	3	18		1,0285		26836	276
2017	4	54001	5400101	1	3	18		0,3426		51073	175
2017	4	54001	5400104	1	3	18		0,8272		14869	123
2017	4	54001	5400110	1	3	18		0,9278		10563	98
2017	4	54001	5400108	1	3	18		0,4301		25112	108
2017	4	54001	5400105	1	3	18		0,5858		31240	183
2017	4	54001	5400103	1	3	18		1,2112		11806	143
2017	4	54001	5400107	1	3	18		0,5495		22202	122
2017	4	54001	5400109	1	3	18		0,7413		16052	119



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	54001	5400102	1	3	18		0,6337		29984	190
2017	4	15572		1	3		18	0,9746		17546	171
2017	4	25799		1	3		18	1,5577		7190	112
2017	4	25286		1	3		18	1,8513		35705	661
2017	4	25473		1	3		18	1,43		36783	526
2017	4	25175		1	3		18	0,8413		64896	546
2017	4	25758		1	3		18	1,5321		14882	228
2017	4	25307		1	3		18	0,5328		41288	220
2017	4	25377		1	3		18	0,5434		13066	71
2017	4	15238		1	3		18	0,3653		78572	287
2017	4	25430		1	3		18	1,1589		35725	414
2017	4	25214		1	3		18	1,2462		25036	312
2017	4	15001		1	3	18		0,5336		143742	767
2017	4	19001		1	3	18		0,4054		134197	544
2017	4	85001		1	3	18		0,7252		129613	940
2017	4	54001		1	3	18		0,6638		242979	1613
2017	4	81001		1	3	18		0,5071		22679	115
2017	4	15491		1	3		18	0,9981		4709	47
2017	4	25817		1	3		18	0,5716		14170	81
2017	4	25754		1	3		18	0,9636		143110	1379
2017	4	25290		1	3		18	0,9494		56459	536
2017	4	25126		1	3		18	1,2497		31768	397
2017	4	25899		1	3		18	1,1545		52403	605
2017	4	25269		1	3		18	0,6318		57930	366
2017	4	15759		1	3		18	0,4992		80934	404
2017	4	91001		2	3	19			4,9578		
2017	4	73268		1	3		19	1,4947		22145	331
2017	4	97001		2	3	19			0,7509		
2017	4	5376		1	3		19	0,7176		14911	107
2017	4	44847		1	3		19	0,3455		5499	19
2017	4	5088		1	3		19	1,9242		72600	1397
2017	4	5837		1	3		19	0,8898		23714	211
2017	4	5615		1	3		19	0,5706		56434	322
2017	4	5129		1	3		19	1,0166		18296	186
2017	4	50006		1	3		19	1,6465		35288	581
2017	4	94001		2	3	19			2,0923		
2017	4	5212		1	3		19	1,0737		15553	167
2017	4	41551		1	3		19	1,0095		43190	436
2017	4	68547		1	3		19	0,9187		23511	216
2017	4	5308		1	3		19	1,4342		12481	179
2017	4	85410		1	3		19	1,033		8519	88
2017	4	54874		1	3		19	1,6071		14498	233
2017	4	50568		1	3		19	0,6311		12676	80
2017	4	5360		1	3		19	1,7006		37928	645
2017	4	68081		1	3		19	0,5439		56256	306
2017	4	5045		1	3		19	0,7727		33907	262
2017	4	5631		1	3		19	1,3089		21240	278
2017	4	68679		1	3		19	0,4288		13060	56
2017	4	88001		2	3	19		0,4807		8945	43
2017	4	95001		2	3	19		0,2573		14769	38
2017	4	44001		1	3	19		0,5265		23931	126
2017	4	86001		2	3	19		1,2224		29532	361
2017	4	68307		1	3		19	0,665		23008	153
2017	4	5380		1	3		19	1,5214		11700	178
2017	4	5607		1	3		19	0,2412		6633	16
2017	4	44430		1	3		19	0,2958		11155	33
2017	4	68276		1	3		19	1,0858		48259	524
2017	4	54405		1	3		19	0,425		21412	91
2017	4	17380		1	3		19	1,767		23429	414
2017	4	5318		1	3		19	0,5503		12538	69
2017	4	20011		1	3		19	0,3275		19237	63
2017	4	44560		1	3		19	0,5513		2358	13
2017	4	66170		1	3		19	0,4872		59733	291
2017	4	5266		1	3		19	1,4966		44701	669
2017	4	20400		1	3		19	0,3241		14809	48
2017	4	54498		1	3		19	0,7263		23405	170
2017	4	73449		1	3		19	0,4779		19668	94
2017	4	52835		1	3		20	4,453		24882	1108
2017	4	18001		1	3	20		0,654		73396	480
2017	4	27001		2	3	20		1,7064		62119	1060
2017	4	52356		1	3		20	1,1418		14101	161
2017	4	23001		1	4	9		0,6056		169241	1025
2017	4	76001	7600121	1	4	10		1,0171		4031	41
2017	4	76001	7600122	1	4	10		0,7109		24897	177
2017	4	54001	5400106	1	4	10		0,8519		25824	220
2017	4	54001	5400101	1	4	10		0,5125		63216	324
2017	4	54001	5400104	1	4	10		0,6817		13496	92
2017	4	54001	5400110	1	4	10		0,9417		8814	83
2017	4	54001	5400108	1	4	10		0,4049		20499	83



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	54001	5400105	1	4	10		0,6078		31094	189
2017	4	54001	5400103	1	4	10		1,0876		10942	119
2017	4	54001	5400107	1	4	10		0,4395		18428	81
2017	4	54001	5400109	1	4	10		0,6045		13564	82
2017	4	54001	5400102	1	4	10		0,5341		31644	169
2017	4	8001	800105	1	4	10		0,2756		39182	108
2017	4	8001	800103	1	4	10		0,6405		41996	269
2017	4	8001	800102	1	4	10		0,6685		17951	120
2017	4	8001	800101	1	4	10		0,8115		34382	279
2017	4	8001	800104	1	4	10		0,3811		148761	567
2017	4	68001	6800111	1	4	10		0,351		4559	16
2017	4	68001	6800117	1	4	10		0,8801		3068	27
2017	4	68001	6800101	1	4	10		0,7221		5955	43
2017	4	68001	6800115	1	4	10		0,5572		16870	94
2017	4	68001	6800113	1	4	10		0,7079		33479	237
2017	4	68001	6800110	1	4	10		1,2565		8595	108
2017	4	68001	6800104	1	4	10		0,5106		14493	74
2017	4	68001	6800107	1	4	10		0,7646		3662	28
2017	4	68001	6800106	1	4	10		0,4501		12441	56
2017	4	68001	6800105	1	4	10		1,2404		8062	100
2017	4	68001	6800103	1	4	10		0,3925		20639	81
2017	4	68001	6800108	1	4	10		0,7066		2689	19
2017	4	68001	6800116	1	4	10		0,9084		6385	58
2017	4	68001	6800112	1	4	10		0,5035		33965	171
2017	4	11001	1100107	1	4	10		0,9339		143488	1340
2017	4	11001	1100111	1	4	10		0,9856		390420	3848
2017	4	11001	1100105	1	4	10		0,7275		62542	455
2017	4	11001	1100108	1	4	10		1,1421		374843	4281
2017	4	11001	1100101	1	4	10		1,0304		343755	3542
2017	4	11001	1100110	1	4	10		0,6935		305983	2122
2017	4	11001	1100109	1	4	10		0,844		254142	2145
2017	4	11001	1100114	1	4	10		0,7929		156129	1238
2017	4	11001	1100103	1	4	10		0,7856		155163	1219
2017	4	11001	1100102	1	4	10		0,5593		335581	1877
2017	4	11001	1100117	1	4	10		1,2052		67543	814
2017	4	11001	1100106	1	4	10		1,0753		69282	745
2017	4	11001	1100113	1	4	10		0,8371		220053	1842
2017	4	11001	1100118	1	4	10		0,9001		106649	960
2017	4	11001	1100116	1	4	10		0,6174		230957	1426
2017	4	11001	1100104	1	4	10		1,5476		77606	1201
2017	4	11001	1100115	1	4	10		1,1539		61010	704
2017	4	11001	1100112	1	4	10		0,7766		170493	1324
2017	4	11001	1100119	1	4	10		1,1461		112383	1288
2017	4	76001	7600101	1	4	10		0,7635		5501	42
2017	4	76001	7600102	1	4	10		0,3772		83766	316
2017	4	76001	7600103	1	4	10		0,5537		60323	334
2017	4	76001	7600104	1	4	10		0,1022		23488	24
2017	4	76001	7600105	1	4	10		0,5153		22316	115
2017	4	76001	7600106	1	4	10		0,7274		11685	85
2017	4	76001	7600107	1	4	10		0,4554		8563	39
2017	4	76001	7600108	1	4	10		0,3117		26307	82
2017	4	76001	7600109	1	4	10		0,3417		23117	79
2017	4	76001	7600110	1	4	10		0,3149		22226	70
2017	4	76001	7600111	1	4	10		0,7245		12008	87
2017	4	76001	7600112	1	4	10		0,3098		3551	11
2017	4	76001	7600113	1	4	10		0,5053		15042	76
2017	4	76001	7600114	1	4	10		0,7376		15184	112
2017	4	76001	7600115	1	4	10		0,6148		7320	45
2017	4	76001	7600116	1	4	10		0,5355		11018	59
2017	4	76001	7600117	1	4	10		0,6695		52580	352
2017	4	76001	7600118	1	4	10		0,7801		17818	139
2017	4	76001	7600119	1	4	10		0,6621		65093	431
2017	4	76001	7600120	1	4	10		1,5409		3180	49
2017	4	8573		1	4		10	0,3372		14532	49
2017	4	76111		1	4		10	0,3388		18003	61
2017	4	50001	5000101	1	4	10		0,524		21184	111
2017	4	50001	5000102	1	4	10		0,4318		72254	312
2017	4	50001	5000103	1	4	10		0,2285		28884	66
2017	4	50001	5000104	1	4	10		0,3375		23999	81
2017	4	50001	5000105	1	4	10		0,347		48121	167
2017	4	50001	5000106	1	4	10		0,1281		13273	17
2017	4	50001	5000107	1	4	10		0,3304		39949	132
2017	4	50001	5000108	1	4	10		0,4868		18078	88
2017	4	73001	7300101	1	4	10		0,4464		35396	158
2017	4	73001	7300102	1	4	10		0,4861		3497	17
2017	4	73001	7300103	1	4	10		0,3581		12007	43
2017	4	73001	7300104	1	4	10		0,3339		15272	51
2017	4	73001	7300105	1	4	10		0,382		16491	63
2017	4	73001	7300106	1	4	10		0,4879		6559	32



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	73001	7300107	1	4	10		0,8186		14171	116
2017	4	73001	7300108	1	4	10		0,8495		12125	103
2017	4	73001	7300109	1	4	10		1,6248		29235	475
2017	4	73001	7300110	1	4	10		0,1954		28663	56
2017	4	73001	7300111	1	4	10		0,2089		4309	9
2017	4	73001	7300112	1	4	10		0,2465		7708	19
2017	4	73001	7300113	1	4	10		0,6897		4350	30
2017	4	13001	1300102	1	4	10		1,2745		52254	666
2017	4	13001	1300103	1	4	10		0,6325		70835	448
2017	4	13001	1300101	1	4	10		0,4686		131040	614
2017	4	68001		1	4	10		0,6394		176877	1131
2017	4	41001		1	4	10		0,5265		153841	810
2017	4	8001		1	4	10		0,4823		284874	1374
2017	4	63001		1	4	10		0,6471		114816	743
2017	4	47001		1	4	10		0,3444		90890	313
2017	4	73001		1	4	10		0,6228		193476	1205
2017	4	52001		1	4	10		0,5863		114268	670
2017	4	17001		1	4	10		0,3919		174533	684
2017	4	66001		1	4	10		0,3969		220939	877
2017	4	20001		1	4	10		2,1457		104627	2245
2017	4	70001		1	4	10		0,399		73940	295
2017	4	54001		1	4	10		0,6238		240774	1502
2017	4	13001		1	4	10		0,68		254129	1728
2017	4	11001		1	4	10		0,8898		3638022	32371
2017	4	76001		1	4	10		0,5443		530600	2888
2017	4	50001		1	4	10		0,4296		293734	1262
2017	4	76834		1	4	10		0,4563		32871	150
2017	4	76109		1	4	10		0,4229		55801	236
2017	4	76147		1	4	10		0,4396		37309	164
2017	4	8758		1	4	10		0,386		48705	188
2017	4	76520		1	4	10		0,5183		59425	308
2017	4	76892		1	4	10		0,3445		49059	169
2017	4	76130		1	4	10		0,5899		16612	98
2017	4	76364		1	4	10		0,6148		23749	146
2017	4	5001	500102	1	4	11		1,7855		14226	254
2017	4	5001		1	4	11		1,1433		684672	7828
2017	4	5001	500110	1	4	11		1,0768		179508	1933
2017	4	5001	500108	1	4	11		1,726		14195	245
2017	4	5001	500106	1	4	11		1,7015		13047	222
2017	4	5001	500111	1	4	11		0,9672		69171	669
2017	4	5001	500116	1	4	11		1,0856		54622	593
2017	4	5001	500101	1	4	11		1,347		4306	58
2017	4	5001	500107	1	4	11		2,0403		29603	604
2017	4	5001	500104	1	4	11		1,6778		21039	353
2017	4	5001	500105	1	4	11		1,623		33149	538
2017	4	5001	500115	1	4	11		0,961		46721	449
2017	4	5001	500103	1	4	11		1,835		8011	147
2017	4	5001	500114	1	4	11		0,7317		121365	888
2017	4	5001	500112	1	4	11		0,7655		22337	171
2017	4	5001	500113	1	4	11		1,0918		16669	182
2017	4	5001	500109	1	4	11		1,3614		17408	237
2017	4	91001		2	4	18			4,3806		
2017	4	97001		2	4	18			0,2227		
2017	4	15572		1	4		18	0,8229		16769	138
2017	4	15238		1	4		18	0,3466		77894	270
2017	4	15759		1	4		18	0,5201		80758	420
2017	4	15001		1	4	18		0,5846		141806	829
2017	4	81001		1	4	18		0,6044		21510	130
2017	4	95001		2	4	18		0,2381		17220	41
2017	4	15491		1	4		18	0,9259		4752	44
2017	4	85001		1	4	18		0,7463		130384	973
2017	4	94001		2	4	19			4,9626		
2017	4	73268		1	4		19	0,5894		24772	146
2017	4	5376		1	4		19	1,0441		14749	154
2017	4	5088		1	4		19	2,0622		70361	1451
2017	4	5837		1	4		19	0,8719		24429	213
2017	4	25799		1	4		19	1,644		5292	87
2017	4	5615		1	4		19	0,5245		55287	290
2017	4	5129		1	4		19	1,4626		17777	260
2017	4	50006		1	4		19	1,0757		33930	365
2017	4	25286		1	4		19	2,0789		28957	602
2017	4	25473		1	4		19	1,4826		30149	447
2017	4	5308		1	4		19	1,8499		12109	224
2017	4	85410		1	4		19	1,5096		8744	132
2017	4	25175		1	4		19	0,8878		53953	479
2017	4	54874		1	4		19	1,3138		14766	194
2017	4	50568		1	4		19	0,6567		13553	89
2017	4	5360		1	4		19	2,0059		38686	776
2017	4	25758		1	4		19	1,7963		11802	212



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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	4	25307		1	4		19	0,6823		34736	237
2017	4	25377		1	4		19	0,4712		11035	52
2017	4	68081		1	4		19	0,5618		58031	326
2017	4	25430		1	4		19	1,1776		32608	384
2017	4	5045		1	4		19	0,8819		34129	301
2017	4	5631		1	4		19	1,2943		20861	270
2017	4	68679		1	4		19	0,3535		13297	47
2017	4	25214		1	4		19	1,3052		16166	211
2017	4	19001		1	4	19		0,4602		115158	530
2017	4	86001		2	4	19		1,0031		24922	250
2017	4	68307		1	4		19	0,8135		22249	181
2017	4	25817		1	4		19	0,4916		11392	56
2017	4	5380		1	4		19	1,2797		11253	144
2017	4	5607		1	4		19	0,3123		6405	20
2017	4	68276		1	4		19	1,0261		47657	489
2017	4	54405		1	4		19	0,4256		20676	88
2017	4	25754		1	4		19	1,2537		142221	1783
2017	4	17380		1	4		19	1,5679		23598	370
2017	4	5318		1	4		19	0,7398		13111	97
2017	4	25290		1	4		19	1,1722		45896	538
2017	4	66170		1	4		19	0,5125		57952	297
2017	4	25126		1	4		19	2,194		28122	617
2017	4	5266		1	4		19	1,3635		45618	622
2017	4	25899		1	4		19	1,4338		45195	648
2017	4	54498		1	4		19	0,6225		22649	141
2017	4	25269		1	4		19	0,7554		51365	388
2017	4	73449		1	4		19	0,5759		19970	115
2017	4	68547		1	4		19	0,9434		23319	220
2017	4	41551		1	4		19	0,9172		43610	400
2017	4	5212		1	4		19	1,4437		14684	212
2017	4	99001		2	4	19			2,4351		
2017	4	44847		1	4		20	0,2921		5136	15
2017	4	52356		1	4		20	0,9893		14051	139
2017	4	27001		2	4	20		1,6571		61733	1023
2017	4	44001		1	4	20		0,46		20436	94
2017	4	18001		1	4	20		0,6347		72320	459
2017	4	52835		1	4		20	0,7117		24448	174
2017	4	44430		1	4		20	0,3324		9928	33
2017	4	20011		1	4		20	0,3645		16735	61
2017	4	44560		1	4		20	0,4427		1807	8
2017	4	20400		1	4		20	0,6191		13245	82
2017	4	88001		2	4	20		0,6214		7403	46
2017	4	23001		1	5	9		0,5207		172254	897
2017	4	50001	5000103	1	5	10		0,2757		27204	75
2017	4	50001	5000104	1	5	10		0,4021		23130	93
2017	4	50001	5000105	1	5	10		0,3552		48137	171
2017	4	50001	5000106	1	5	10		0,1472		12232	18
2017	4	50001	5000107	1	5	10		0,4004		38459	154
2017	4	50001	5000108	1	5	10		0,4595		18063	83
2017	4	73001	7300101	1	5	10		0,1953		34299	67
2017	4	73001	7300102	1	5	10		0,1511		3308	5
2017	4	73001	7300103	1	5	10		0,378		11112	42
2017	4	73001	7300104	1	5	10		0,3068		15317	47
2017	4	73001	7300105	1	5	10		0,4546		15838	72
2017	4	73001	7300106	1	5	10		0,4219		7348	31
2017	4	73001	7300107	1	5	10		1,1098		14687	163
2017	4	73001	7300108	1	5	10		1,1813		11259	133
2017	4	73001	7300109	1	5	10		2,8065		26759	751
2017	4	73001	7300110	1	5	10		0,2624		28586	75
2017	4	73001	7300111	1	5	10		0,1765		4533	8
2017	4	73001	7300112	1	5	10		0,2409		7058	17
2017	4	73001	7300113	1	5	10		0,7913		4044	32
2017	4	13001	1300102	1	5	10		0,6313		54173	342
2017	4	13001	1300103	1	5	10		0,5307		68585	364
2017	4	13001	1300101	1	5	10		0,4221		126739	535
2017	4	73001		1	5	10		0,8045		187311	1507
2017	4	17001		1	5	10		0,3808		178036	678
2017	4	18001		1	5	10		0,4012		94966	381
2017	4	76001		1	5	10		0,6099		520900	3177
2017	4	66001		1	5	10		0,4212		212261	894
2017	4	63001		1	5	10		0,6332		114503	725
2017	4	13001		1	5	10		0,4974		249497	1241
2017	4	20001		1	5	10		2,021		94012	1900
2017	4	41001		1	5	10		0,3423		139335	477
2017	4	50001		1	5	10		0,431		284656	1227
2017	4	11001		1	5	10		0,9016		3506643	31616
2017	4	47001		1	5	10		0,3935		89707	353
2017	4	68001		1	5	10		0,6378		171044	1091
2017	4	8001		1	5	10		0,4877		277424	1353



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	70001		1	5	10		0,2727		72232	197
2017	4	52001		1	5	10		0,6468		113010	731
2017	4	76834		1	5		10	0,5316		31413	167
2017	4	76109		1	5		10	0,579		54923	318
2017	4	76147		1	5		10	0,3872		37448	145
2017	4	76520		1	5		10	0,9094		58613	533
2017	4	76892		1	5		10	0,3781		48934	185
2017	4	76130		1	5		10	0,849		15665	133
2017	4	76364		1	5		10	0,5992		23199	139
2017	4	76001	7600121	1	5	10		0,1348		4452	6
2017	4	76001	7600122	1	5	10		1,8589		24262	451
2017	4	99001		2	5	10			1,7348		
2017	4	8001	800105	1	5	10		0,3091		38504	119
2017	4	8001	800103	1	5	10		0,504		40480	204
2017	4	8001	800102	1	5	10		0,5267		17468	92
2017	4	8001	800101	1	5	10		1,1788		32829	387
2017	4	8001	800104	1	5	10		0,366		145355	532
2017	4	68001	6800111	1	5	10		0,5015		4387	22
2017	4	68001	6800117	1	5	10		0,8259		3148	26
2017	4	68001	6800101	1	5	10		0,7155		5311	38
2017	4	68001	6800115	1	5	10		0,5584		15760	88
2017	4	68001	6800113	1	5	10		0,6556		32487	213
2017	4	68001	6800110	1	5	10		0,7875		8635	68
2017	4	68001	6800104	1	5	10		0,4412		14280	63
2017	4	68001	6800107	1	5	10		0,6997		3430	24
2017	4	68001	6800106	1	5	10		0,5326		12204	65
2017	4	68001	6800105	1	5	10		1,4104		7374	104
2017	4	68001	6800103	1	5	10		0,4975		20906	104
2017	4	68001	6800108	1	5	10		0,5834		2914	17
2017	4	68001	6800116	1	5	10		0,8582		6409	55
2017	4	68001	6800112	1	5	10		0,5672		31912	181
2017	4	11001	1100107	1	5	10		0,9496		137116	1302
2017	4	11001	1100111	1	5	10		0,9291		379070	3522
2017	4	11001	1100105	1	5	10		0,7514		61488	462
2017	4	11001	1100108	1	5	10		1,1292		364940	4121
2017	4	11001	1100101	1	5	10		0,9439		336999	3181
2017	4	11001	1100110	1	5	10		0,7355		294767	2168
2017	4	11001	1100109	1	5	10		0,9183		240888	2212
2017	4	11001	1100114	1	5	10		0,803		147070	1181
2017	4	11001	1100103	1	5	10		0,8427		159249	1342
2017	4	11001	1100102	1	5	10		0,5492		316469	1738
2017	4	11001	1100117	1	5	10		1,2831		64998	834
2017	4	11001	1100106	1	5	10		1,0946		66693	730
2017	4	11001	1100113	1	5	10		1,073		204099	2190
2017	4	11001	1100118	1	5	10		0,8987		102150	918
2017	4	11001	1100116	1	5	10		0,6865		221843	1523
2017	4	11001	1100104	1	5	10		1,5581		75732	1180
2017	4	11001	1100115	1	5	10		1,0798		59176	639
2017	4	11001	1100112	1	5	10		0,6879		162813	1120
2017	4	11001	1100119	1	5	10		1,128		111083	1253
2017	4	76001	7600101	1	5	10		0,4542		5504	25
2017	4	76001	7600102	1	5	10		0,4697		82824	389
2017	4	76001	7600103	1	5	10		0,53		59248	314
2017	4	76001	7600104	1	5	10		0,1492		22781	34
2017	4	76001	7600105	1	5	10		0,2971		21543	64
2017	4	76001	7600106	1	5	10		0,2623		12579	33
2017	4	76001	7600107	1	5	10		0,4105		8283	34
2017	4	76001	7600108	1	5	10		0,2961		25670	76
2017	4	76001	7600109	1	5	10		0,3788		22968	87
2017	4	76001	7600110	1	5	10		0,4982		21676	108
2017	4	76001	7600111	1	5	10		0,4574		11586	53
2017	4	76001	7600112	1	5	10		0,3948		3799	15
2017	4	76001	7600113	1	5	10		0,4025		14905	60
2017	4	76001	7600114	1	5	10		0,5472		14437	79
2017	4	76001	7600115	1	5	10		0,3659		6833	25
2017	4	76001	7600116	1	5	10		0,687		9898	68
2017	4	76001	7600117	1	5	10		0,6381		51248	327
2017	4	76001	7600118	1	5	10		0,7973		16933	135
2017	4	76001	7600119	1	5	10		0,6135		63893	392
2017	4	76001	7600120	1	5	10		0,4932		3447	17
2017	4	76111		1	5		10	0,2809		18158	51
2017	4	50001	5000101	1	5	10		0,5029		20283	102
2017	4	50001	5000102	1	5	10		0,3645		70787	258
2017	4	5001	500102	1	5	11		1,4181		14244	202
2017	4	5001		1	5	11		1,1461		686053	7863
2017	4	5001	500110	1	5	11		1,1501		177372	2040
2017	4	5001	500108	1	5	11		1,6493		14188	234
2017	4	5001	500106	1	5	11		1,7724		13146	233
2017	4	5001	500111	1	5	11		0,9399		69691	655



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5001	500116	1	5	11		1,0453		53763	562
2017	4	5001	500101	1	5	11		1,3607		4336	59
2017	4	5001	500107	1	5	11		2,1299		30424	648
2017	4	5001	500104	1	5	11		1,5906		20872	332
2017	4	5001	500105	1	5	11		1,7906		33564	601
2017	4	5001	500115	1	5	11		0,8375		46448	389
2017	4	5001	500103	1	5	11		1,7125		8000	137
2017	4	5001	500114	1	5	11		0,7244		122453	887
2017	4	5001	500112	1	5	11		0,6767		22165	150
2017	4	5001	500113	1	5	11		1,0555		17149	181
2017	4	5001	500109	1	5	11		1,3077		17817	233
2017	4	54001	5400106	1	5	18		0,9621		25569	246
2017	4	15759		1	5		18	0,4412		80684	356
2017	4	54001	5400104	1	5	18		0,9549		15290	146
2017	4	54001	5400110	1	5	18		0,7858		9799	77
2017	4	54001	5400108	1	5	18		0,5156		25019	129
2017	4	54001	5400105	1	5	18		0,4838		31421	152
2017	4	54001	5400103	1	5	18		1,457		11942	174
2017	4	54001	5400107	1	5	18		0,6066		21925	133
2017	4	54001	5400109	1	5	18		0,5943		15143	90
2017	4	54001	5400102	1	5	18		0,5976		31628	189
2017	4	97001		2	5	18			0,2242		
2017	4	15572		1	5		18	0,7554		16679	126
2017	4	68081		1	5		18	0,4552		65245	297
2017	4	15238		1	5		18	0,4162		75930	316
2017	4	68679		1	5		18	0,262		17556	46
2017	4	15001		1	5	18		0,5273		141105	744
2017	4	85001		1	5	18		0,729		131274	957
2017	4	81001		1	5	18		0,3885		22139	86
2017	4	54001		1	5	18		0,6838		240264	1643
2017	4	68307		1	5		18	0,6829		27089	185
2017	4	15491		1	5		18	0,9844		4876	48
2017	4	68276		1	5		18	1,0195		53064	541
2017	4	68547		1	5		18	1,0152		26695	271
2017	4	54001	5400101	1	5	18		0,4581		49115	225
2017	4	94001		2	5	19			1,6816		
2017	4	91001		2	5	19			3,9885		
2017	4	5376		1	5		19	1,0177		14542	148
2017	4	5088		1	5		19	2,0023		71417	1430
2017	4	5837		1	5		19	1,2469		24621	307
2017	4	25799		1	5		19	1,2769		5247	67
2017	4	5615		1	5		19	0,5903		59634	352
2017	4	5129		1	5		19	0,7854		17699	139
2017	4	50006		1	5		19	1,2325		34565	426
2017	4	25286		1	5		19	1,8423		29148	537
2017	4	25473		1	5		19	1,2452		31561	393
2017	4	5308		1	5		19	1,2039		12376	149
2017	4	8573		1	5		19	0,2587		10051	26
2017	4	85410		1	5		19	1,385		8881	123
2017	4	25175		1	5		19	0,9117		54951	501
2017	4	54874		1	5		19	1,2369		15118	187
2017	4	50568		1	5		19	0,496		13507	67
2017	4	5360		1	5		19	1,9683		38714	762
2017	4	25758		1	5		19	1,4613		12044	176
2017	4	25307		1	5		19	0,7817		34925	273
2017	4	25377		1	5		19	0,6248		10563	66
2017	4	25430		1	5		19	1,4441		30885	446
2017	4	5045		1	5		19	0,6957		34064	237
2017	4	5631		1	5		19	1,265		20948	265
2017	4	25214		1	5		19	1,2358		16426	203
2017	4	95001		2	5	19		0,2165		14317	31
2017	4	44001		1	5	19		0,4408		23593	104
2017	4	86001		2	5	19		0,9104		23945	218
2017	4	19001		1	5	19		0,418		117230	490
2017	4	88001		2	5	19		0,5307		8856	47
2017	4	25817		1	5		19	0,7015		12117	85
2017	4	5380		1	5		19	1,4308		11742	168
2017	4	5607		1	5		19	0,4018		6720	27
2017	4	54405		1	5		19	0,3305		21784	72
2017	4	25754		1	5		19	1,2856		139004	1787
2017	4	17380		1	5		19	0,9149		23281	213
2017	4	5318		1	5		19	0,6803		12642	86
2017	4	25290		1	5		19	1,1991		46283	555
2017	4	20011		1	5		19	0,2991		19056	57
2017	4	66170		1	5		19	0,5492		58271	320
2017	4	25126		1	5		19	1,6122		26920	434
2017	4	5266		1	5		19	1,5662		47248	740
2017	4	25899		1	5		19	1,2098		44801	542
2017	4	20400		1	5		19	0,6421		14796	95



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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	4	54498		1	5		19	0,5871		23335	137
2017	4	25269		1	5		19	0,8755		51170	448
2017	4	73449		1	5		19	0,5554		19446	108
2017	4	41551		1	5		19	0,9052		43305	392
2017	4	8758		1	5		19	0,9898		47585	471
2017	4	5212		1	5		19	1,6261		14882	242
2017	4	73268		1	5		19	0,8969		24641	221
2017	4	44847		1	5		20	0,4532		4854	22
2017	4	52356		1	5		20	1,1278		14010	158
2017	4	52835		1	5		20	0,7255		23984	174
2017	4	44430		1	5		20	0,3612		10243	37
2017	4	44560		1	5		20	0,7834		1787	14
2017	4	27001		2	5	20		1,4048		60578	851
2017	4	20001		1	6	9		0,2051		92162	189
2017	4	70001		1	6	9		0,3018		72560	219
2017	4	50001	5000103	1	6	10		0,2034		27034	55
2017	4	50001	5000104	1	6	10		0,4989		22849	114
2017	4	50001	5000105	1	6	10		0,3506		47060	165
2017	4	50001	5000106	1	6	10		0,078		12814	10
2017	4	50001	5000107	1	6	10		0,372		36826	137
2017	4	50001	5000108	1	6	10		0,4475		17430	78
2017	4	73001	7300101	1	6	10		0,2193		33745	74
2017	4	73001	7300102	1	6	10		0,2417		3310	8
2017	4	73001	7300103	1	6	10		0,4197		10721	45
2017	4	73001	7300104	1	6	10		0,3221		14590	47
2017	4	73001	7300105	1	6	10		0,3302		15750	52
2017	4	73001	7300106	1	6	10		0,2935		7154	21
2017	4	73001	7300107	1	6	10		0,7438		13310	99
2017	4	73001	7300108	1	6	10		0,7779		11698	91
2017	4	73001	7300109	1	6	10		0,7884		29045	229
2017	4	73001	7300110	1	6	10		0,1465		27991	41
2017	4	73001	7300111	1	6	10		0,2961		4053	12
2017	4	73001	7300112	1	6	10		0,194		7216	14
2017	4	73001	7300113	1	6	10		0,7234		4009	29
2017	4	13001	1300102	1	6	10		0,6713		53476	359
2017	4	13001	1300103	1	6	10		0,5673		68920	391
2017	4	13001	1300101	1	6	10		0,4557		126608	577
2017	4	11001		1	6	10		0,9343		3440639	32145
2017	4	41001		1	6	10		0,3755		135830	510
2017	4	76001		1	6	10		0,6217		524832	3263
2017	4	44001		1	6	10		0,4132		26862	111
2017	4	8001		1	6	10		0,3967		273979	1087
2017	4	47001		1	6	10		0,398		89944	358
2017	4	17001		1	6	10		0,4093		173231	709
2017	4	63001		1	6	10		0,5977		114781	686
2017	4	13001		1	6	10		0,5329		249004	1327
2017	4	73001		1	6	10		0,427		185969	794
2017	4	66001		1	6	10		0,4283		207797	890
2017	4	52001		1	6	10		0,6223		113453	706
2017	4	23001		1	6	10		0,5532		164506	910
2017	4	68001		1	6	10		0,6185		170416	1054
2017	4	50001		1	6	10		0,4343		280650	1219
2017	4	76834		1	6		10	0,5586		31688	177
2017	4	76109		1	6		10	0,4193		55335	232
2017	4	76147		1	6		10	0,4483		38143	171
2017	4	8758		1	6		10	0,6494		47734	310
2017	4	76520		1	6		10	0,7844		59412	466
2017	4	76892		1	6		10	0,4086		48703	199
2017	4	76130		1	6		10	0,6858		15895	109
2017	4	76364		1	6		10	0,5459		23447	128
2017	4	76001	7600121	1	6	10		1,1173		4296	48
2017	4	76001	7600122	1	6	10		0,9343		25046	234
2017	4	8001	800105	1	6	10		0,2943		38052	112
2017	4	8001	800103	1	6	10		0,5238		41621	218
2017	4	8001	800102	1	6	10		0,5424		17515	95
2017	4	8001	800101	1	6	10		0,6454		30680	198
2017	4	8001	800104	1	6	10		0,3121		143528	448
2017	4	68001	6800111	1	6	10		0,4255		4230	18
2017	4	68001	6800117	1	6	10		1,2154		3291	40
2017	4	68001	6800101	1	6	10		0,8775		5698	50
2017	4	68001	6800115	1	6	10		0,5598		16971	95
2017	4	68001	6800113	1	6	10		0,6826		32082	219
2017	4	68001	6800110	1	6	10		0,9318		8264	77
2017	4	68001	6800104	1	6	10		0,4948		13743	68
2017	4	68001	6800107	1	6	10		0,5381		3531	19
2017	4	68001	6800106	1	6	10		0,3956		12133	48
2017	4	68001	6800105	1	6	10		1,0214		7930	81
2017	4	68001	6800103	1	6	10		0,4805		19978	96
2017	4	68001	6800108	1	6	10		0,7809		2561	20



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	68001	6800116	1	6	10		0,696		6322	44
2017	4	68001	6800112	1	6	10		0,4851		31743	154
2017	4	11001	1100107	1	6	10		0,9947		137528	1368
2017	4	11001	1100111	1	6	10		0,8815		374914	3305
2017	4	11001	1100105	1	6	10		0,6952		59547	414
2017	4	11001	1100108	1	6	10		1,2357		364644	4506
2017	4	11001	1100101	1	6	10		1,001		332660	3330
2017	4	11001	1100110	1	6	10		0,811		290012	2352
2017	4	11001	1100109	1	6	10		0,9126		235258	2147
2017	4	11001	1100114	1	6	10		1,0014		144196	1444
2017	4	11001	1100103	1	6	10		0,8394		143563	1205
2017	4	11001	1100102	1	6	10		0,5434		313767	1705
2017	4	11001	1100117	1	6	10		0,6088		61108	372
2017	4	11001	1100106	1	6	10		1,2152		66656	810
2017	4	11001	1100113	1	6	10		1,153		197304	2275
2017	4	11001	1100118	1	6	10		0,9183		100516	923
2017	4	11001	1100116	1	6	10		0,8079		219215	1771
2017	4	11001	1100104	1	6	10		1,6164		73682	1191
2017	4	11001	1100115	1	6	10		1,0964		57369	629
2017	4	11001	1100112	1	6	10		0,6815		159792	1089
2017	4	11001	1100119	1	6	10		1,2019		108908	1309
2017	4	76001	7600101	1	6	10		0,7421		5794	43
2017	4	76001	7600102	1	6	10		0,5159		83738	432
2017	4	76001	7600103	1	6	10		1,0847		59465	645
2017	4	76001	7600104	1	6	10		0,1045		23916	25
2017	4	76001	7600105	1	6	10		0,2683		21615	58
2017	4	76001	7600106	1	6	10		0,2419		12404	30
2017	4	76001	7600107	1	6	10		0,4141		8453	35
2017	4	76001	7600108	1	6	10		0,3589		25913	93
2017	4	76001	7600109	1	6	10		0,3031		22432	68
2017	4	76001	7600110	1	6	10		0,6314		21538	136
2017	4	76001	7600111	1	6	10		0,4641		11635	54
2017	4	76001	7600112	1	6	10		0,4713		3607	17
2017	4	76001	7600113	1	6	10		0,6565		15232	100
2017	4	76001	7600114	1	6	10		0,4934		14997	74
2017	4	76001	7600115	1	6	10		0,5748		7133	41
2017	4	76001	7600116	1	6	10		0,7639		10603	81
2017	4	76001	7600117	1	6	10		0,7087		51782	367
2017	4	76001	7600118	1	6	10		0,7183		17124	123
2017	4	76001	7600119	1	6	10		0,6095		63655	388
2017	4	76001	7600120	1	6	10		0,6771		3397	23
2017	4	8573		1	6		10	0,3921		14794	58
2017	4	76111		1	6		10	0,2339		18385	43
2017	4	50001	5000101	1	6	10		0,5051		19402	98
2017	4	50001	5000102	1	6	10		0,3722		70935	264
2017	4	5001	500102	1	6	11		1,6611		14328	238
2017	4	86001		2	6	11		1,0269		29994	308
2017	4	5001	500110	1	6	11		1,1245		178487	2007
2017	4	5001	500108	1	6	11		1,4301		14335	205
2017	4	5001	500106	1	6	11		1,639		12691	208
2017	4	5001	500111	1	6	11		0,912		69076	630
2017	4	5001	500116	1	6	11		1,0399		55199	574
2017	4	5001	500101	1	6	11		2,4401		2254	55
2017	4	5001	500107	1	6	11		1,8332		30603	561
2017	4	5001	500104	1	6	11		1,7918		20984	376
2017	4	5001	500105	1	6	11		1,7987		33191	597
2017	4	5001	500115	1	6	11		0,842		47860	403
2017	4	5001	500103	1	6	11		1,4859		8345	124
2017	4	5001	500114	1	6	11		0,7216		121805	879
2017	4	5001	500112	1	6	11		0,5804		22742	132
2017	4	5001	500113	1	6	11		1,2093		17696	214
2017	4	5001		1	6	11		1,1144		686847	7654
2017	4	5001	500109	1	6	11		1,2489		17616	220
2017	4	99001		2	6	17			2,0729		
2017	4	54001	5400106	1	6	18		1,1113		26006	289
2017	4	54001	5400101	1	6	18		0,4011		49619	199
2017	4	54001	5400104	1	6	18		0,871		15499	135
2017	4	54001	5400110	1	6	18		0,7697		9874	76
2017	4	54001	5400108	1	6	18		0,4632		25258	117
2017	4	54001	5400105	1	6	18		0,5274		31662	167
2017	4	54001	5400103	1	6	18		1,2934		12448	161
2017	4	54001	5400107	1	6	18		0,5571		22437	125
2017	4	54001	5400109	1	6	18		0,5548		15502	86
2017	4	54001	5400102	1	6	18		0,5942		31974	190
2017	4	5376		1	6	18		1,7081		17798	304
2017	4	15572		1	6	18		0,779		17586	137
2017	4	5088		1	6	18		1,5519		79904	1240
2017	4	5837		1	6	18		0,7483		27128	203
2017	4	25799		1	6	18		1,6271		6945	113



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5615		1	6		18	0,4553		71816	327
2017	4	5129		1	6		18	0,917		20065	184
2017	4	25286		1	6		18	1,7356		35895	623
2017	4	25473		1	6		18	1,3146		36438	479
2017	4	5308		1	6		18	0,6903		14196	98
2017	4	25175		1	6		18	0,8324		64511	537
2017	4	5360		1	6		18	1,9612		50021	981
2017	4	25758		1	6		18	1,7048		15368	262
2017	4	25307		1	6		18	0,5744		42828	246
2017	4	25377		1	6		18	0,6793		12954	88
2017	4	15238		1	6		18	0,3145		79484	250
2017	4	25430		1	6		18	1,2203		35728	436
2017	4	5045		1	6		18	0,6693		40338	270
2017	4	5631		1	6		18	1,3376		27064	362
2017	4	25214		1	6		18	1,0839		22880	248
2017	4	85001		1	6	18		0,6421		131127	842
2017	4	54001		1	6	18		0,68		243979	1659
2017	4	95001		2	6	18		0,2833		16941	48
2017	4	15001		1	6	18		0,551		146448	807
2017	4	18001		1	6	18		0,7821		98454	770
2017	4	81001		1	6	18		0,2767		22765	63
2017	4	15491		1	6		18	0,9579		5220	50
2017	4	25817		1	6		18	0,6172		13610	84
2017	4	5380		1	6		18	1,4022		14620	205
2017	4	5607		1	6		18	0,4767		8391	40
2017	4	25754		1	6		18	1,0087		143357	1446
2017	4	5318		1	6		18	0,5398		15375	83
2017	4	25290		1	6		18	1,6762		56259	943
2017	4	25126		1	6		18	1,828		32823	600
2017	4	5266		1	6		18	3,2619		56991	1859
2017	4	25899		1	6		18	1,4123		54098	764
2017	4	25269		1	6		18	0,8303		58534	486
2017	4	15759		1	6		18	0,4546		82486	375
2017	4	5212		1	6		18	1,3331		16728	223
2017	4	94001		2	6	19			1,7416		
2017	4	73268		1	6		19	0,6259		25245	158
2017	4	91001		2	6	19			4,5525		
2017	4	41551		1	6		19	0,9483		45553	432
2017	4	68547		1	6		19	0,9338		24417	228
2017	4	73449		1	6		19	0,6368		19630	125
2017	4	54498		1	6		19	0,5674		24497	139
2017	4	66170		1	6		19	0,5867		60680	356
2017	4	17380		1	6		19	0,6676		27411	183
2017	4	54405		1	6		19	0,5097		20993	107
2017	4	68276		1	6		19	1,0318		50592	522
2017	4	68307		1	6		19	0,7398		23927	177
2017	4	50006		1	6		19	1,0487		35376	371
2017	4	85410		1	6		19	1,3181		8952	118
2017	4	54874		1	6		19	1,6236		14659	238
2017	4	50568		1	6		19	0,6272		13233	83
2017	4	68081		1	6		19	0,5085		58601	298
2017	4	68679		1	6		19	0,3311		13891	46
2017	4	19001		1	6	19		0,4356		124878	544
2017	4	52835		1	6		20	0,5979		21910	131
2017	4	27001		2	6	20		1,393		62240	867
2017	4	52356		1	6		20	0,9354		15181	142
2017	4	88001		2	6	20		0,5366		7640	41
2017	4	97001		2	6	20			0,9074		
2017	4	44847		1	6		21	0,4641		4309	20
2017	4	44430		1	6		21	0,5389		8536	46
2017	4	44560		1	6		21	0,6237		1443	9
2017	4	20400		1	6		21	0,6022		10627	64
2017	4	20011		1	6		21	0,5048		15056	76
2017	4	20001		1	7	9		0,1786		106365	190
2017	4	76001	7600121	1	7	10		0,5826		4291	25
2017	4	76001	7600122	1	7	10		1,1638		26980	314
2017	4	54001	5400106	1	7	10		0,729		26339	192
2017	4	54001	5400101	1	7	10		0,366		62019	227
2017	4	54001	5400104	1	7	10		0,9506		14202	135
2017	4	54001	5400110	1	7	10		0,7639		8902	68
2017	4	54001	5400108	1	7	10		0,4423		20348	90
2017	4	54001	5400105	1	7	10		0,5629		32330	182
2017	4	54001	5400103	1	7	10		1,065		11455	122
2017	4	54001	5400107	1	7	10		0,5099		18632	95
2017	4	54001	5400109	1	7	10		0,5988		13527	81
2017	4	54001	5400102	1	7	10		0,6263		32733	205
2017	4	8001	800105	1	7	10		0,2612		45556	119
2017	4	8001	800103	1	7	10		0,8891		47801	425
2017	4	8001	800102	1	7	10		0,9061		20196	183



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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	4	8001	800101	1	7	10		0,9398		34263	322
2017	4	8001	800104	1	7	10		0,6216		162489	1010
2017	4	68001	6800111	1	7	10		0,3801		4999	19
2017	4	68001	6800117	1	7	10		1,0407		3267	34
2017	4	68001	6800101	1	7	10		0,4528		5742	26
2017	4	68001	6800115	1	7	10		0,5642		16837	95
2017	4	68001	6800113	1	7	10		0,6754		33312	225
2017	4	68001	6800110	1	7	10		0,9174		8829	81
2017	4	68001	6800104	1	7	10		0,5464		13908	76
2017	4	68001	6800107	1	7	10		0,7252		3585	26
2017	4	68001	6800106	1	7	10		0,6267		12925	81
2017	4	68001	6800105	1	7	10		1,2806		7887	101
2017	4	68001	6800103	1	7	10		0,44		20910	92
2017	4	68001	6800108	1	7	10		0,3818		2881	11
2017	4	68001	6800116	1	7	10		0,8501		6470	55
2017	4	68001	6800112	1	7	10		0,5456		32809	179
2017	4	11001	1100107	1	7	10		0,9599		140327	1347
2017	4	11001	1100111	1	7	10		0,9265		398614	3693
2017	4	11001	1100105	1	7	10		0,6791		61402	417
2017	4	11001	1100108	1	7	10		1,0888		374532	4078
2017	4	11001	1100101	1	7	10		1,039		348878	3625
2017	4	11001	1100110	1	7	10		0,7947		303402	2411
2017	4	11001	1100109	1	7	10		0,9345		245812	2297
2017	4	11001	1100114	1	7	10		0,8325		148826	1239
2017	4	11001	1100103	1	7	10		0,7503		145938	1095
2017	4	11001	1100102	1	7	10		0,5432		319601	1736
2017	4	11001	1100117	1	7	10		0,6026		61900	373
2017	4	11001	1100106	1	7	10		1,1556		68101	787
2017	4	11001	1100113	1	7	10		0,9462		202804	1919
2017	4	11001	1100118	1	7	10		0,8955		104633	937
2017	4	11001	1100116	1	7	10		0,6363		229453	1460
2017	4	11001	1100104	1	7	10		1,5558		76876	1196
2017	4	11001	1100115	1	7	10		1,4096		60442	852
2017	4	11001	1100112	1	7	10		0,7095		166729	1183
2017	4	11001	1100119	1	7	10		1,111		114038	1267
2017	4	76001	7600101	1	7	10		0,6163		5679	35
2017	4	76001	7600102	1	7	10		0,3874		86983	337
2017	4	76001	7600103	1	7	10		0,4314		61434	265
2017	4	76001	7600104	1	7	10		0,131		25193	33
2017	4	76001	7600105	1	7	10		0,5025		23086	116
2017	4	76001	7600106	1	7	10		0,7772		11837	92
2017	4	76001	7600107	1	7	10		0,4928		8522	42
2017	4	76001	7600108	1	7	10		0,3241		27148	88
2017	4	76001	7600109	1	7	10		0,3649		23293	85
2017	4	76001	7600110	1	7	10		0,4491		22488	101
2017	4	76001	7600111	1	7	10		0,6817		11735	80
2017	4	76001	7600112	1	7	10		0,602		3987	24
2017	4	76001	7600113	1	7	10		0,5646		15054	85
2017	4	76001	7600114	1	7	10		0,6617		14659	97
2017	4	76001	7600115	1	7	10		0,4328		7162	31
2017	4	76001	7600116	1	7	10		0,7334		11181	82
2017	4	76001	7600117	1	7	10		0,6764		54404	368
2017	4	76001	7600118	1	7	10		0,8847		17747	157
2017	4	76001	7600119	1	7	10		0,5634		65495	369
2017	4	76001	7600120	1	7	10		0,8087		3215	26
2017	4	76111		1	7		10	0,2966		19219	57
2017	4	50001	5000101	1	7	10		0,5081		20665	105
2017	4	50001	5000102	1	7	10		0,4118		70418	290
2017	4	50001	5000103	1	7	10		0,5601		26783	150
2017	4	50001	5000104	1	7	10		0,4459		23546	105
2017	4	50001	5000105	1	7	10		0,3151		49818	157
2017	4	50001	5000106	1	7	10		0,1446		13828	20
2017	4	50001	5000107	1	7	10		0,4829		40175	194
2017	4	50001	5000108	1	7	10		0,5763		18219	105
2017	4	73001	7300101	1	7	10		0,2103		35196	74
2017	4	73001	7300102	1	7	10		0,3419		3217	11
2017	4	73001	7300103	1	7	10		0,3219		11183	36
2017	4	73001	7300104	1	7	10		0,4175		15090	63
2017	4	73001	7300105	1	7	10		0,4451		16401	73
2017	4	73001	7300106	1	7	10		0,3787		7393	28
2017	4	73001	7300107	1	7	10		0,7128		14170	101
2017	4	73001	7300108	1	7	10		0,7893		11276	89
2017	4	73001	7300109	1	7	10		0,7752		31089	241
2017	4	73001	7300110	1	7	10		0,2272		28605	65
2017	4	73001	7300111	1	7	10		0,2017		4462	9
2017	4	73001	7300112	1	7	10		0,0995		7038	7
2017	4	73001	7300113	1	7	10		0,9252		4107	38
2017	4	13001	1300102	1	7	10		0,6607		60843	402
2017	4	13001	1300103	1	7	10		0,5143		76998	396



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	13001	1300101	1	7	10		0,3837		142575	547
2017	4	47001		1	7	10		0,5261		102457	539
2017	4	41001		1	7	10		0,3565		141668	505
2017	4	17001		1	7	10		0,3918		178914	701
2017	4	8001		1	7	10		0,6647		312925	2080
2017	4	76001		1	7	10		0,5496		543442	2987
2017	4	63001		1	7	10		0,5886		117562	692
2017	4	73001		1	7	10		0,4499		192944	868
2017	4	11001		1	7	10		0,8933		3572308	31912
2017	4	70001		1	7	10		0,3365		78151	263
2017	4	54001		1	7	10		0,5972		244297	1459
2017	4	13001		1	7	10		0,4796		280416	1345
2017	4	66001		1	7	10		0,3837		214734	824
2017	4	23001		1	7	10		0,6633		180301	1196
2017	4	68001		1	7	10		0,6355		176385	1121
2017	4	50001		1	7	10		0,4948		290613	1438
2017	4	86001		2	7	10		1,0824		28826	312
2017	4	76834		1	7		10	0,4995		34433	172
2017	4	76109		1	7		10	0,5084		59201	301
2017	4	76147		1	7		10	0,2852		37869	108
2017	4	76520		1	7		10	0,8133		60375	491
2017	4	76892		1	7		10	0,4242		50681	215
2017	4	76130		1	7		10	0,8638		16323	141
2017	4	76364		1	7		10	0,4455		24689	110
2017	4	5001	500102	1	7	11		1,5012		14455	217
2017	4	5001		1	7	11		1,0725		723911	7764
2017	4	5001	500110	1	7	11		1,0452		187809	1963
2017	4	5001	500108	1	7	11		1,4753		14844	219
2017	4	5001	500106	1	7	11		1,238		13328	165
2017	4	5001	500111	1	7	11		0,9334		72741	679
2017	4	5001	500116	1	7	11		1,0262		57981	595
2017	4	5001	500101	1	7	11		1,65		4000	66
2017	4	5001	500107	1	7	11		1,79		31620	566
2017	4	5001	500104	1	7	11		1,6739		22283	373
2017	4	5001	500105	1	7	11		1,5312		35202	539
2017	4	5001	500115	1	7	11		0,8704		51470	448
2017	4	5001	500103	1	7	11		1,6739		8065	135
2017	4	5001	500114	1	7	11		0,788		128940	1016
2017	4	5001	500112	1	7	11		0,5776		23544	136
2017	4	5001	500113	1	7	11		1,0637		17580	187
2017	4	5001	500109	1	7	11		1,1254		19459	219
2017	4	52001		1	7	17		0,6361		124357	791
2017	4	97001		2	7	17			0,3604		
2017	4	91001		2	7	18			4,5933		
2017	4	15759		1	7		18	0,4397		81874	360
2017	4	15572		1	7		18	0,8269		17657	146
2017	4	25799		1	7		18	1,9296		7100	137
2017	4	25286		1	7		18	1,7335		38997	676
2017	4	25473		1	7		18	1,2847		37128	477
2017	4	25175		1	7		18	0,918		70477	647
2017	4	25758		1	7		18	1,2638		15983	202
2017	4	25307		1	7		18	0,6764		42726	289
2017	4	25377		1	7		18	2,9885		12749	381
2017	4	68081		1	7		18	0,5141		66530	342
2017	4	15238		1	7		18	0,3259		79163	258
2017	4	25430		1	7		18	1,264		35918	454
2017	4	68679		1	7		18	0,3917		18638	73
2017	4	25214		1	7		18	1,1026		24307	268
2017	4	19001		1	7	18		0,4211		143426	604
2017	4	85001		1	7	18		0,629		137686	866
2017	4	81001		1	7	18		0,3176		22987	73
2017	4	95001		2	7	18		0,2682		17150	46
2017	4	18001		1	7	18		0,4622		96285	445
2017	4	15001		1	7	18		0,4621		148034	684
2017	4	68307		1	7		18	0,6872		27793	191
2017	4	15491		1	7		18	0,7168		5301	38
2017	4	25817		1	7		18	0,483		14699	71
2017	4	68276		1	7		18	0,9434		55120	520
2017	4	25754		1	7		18	1,2466		150811	1880
2017	4	25290		1	7		18	0,9611		56393	542
2017	4	25126		1	7		18	1,0343		33935	351
2017	4	25899		1	7		18	1,3166		54459	717
2017	4	25269		1	7		18	0,8639		57760	499
2017	4	68547		1	7		18	0,9255		26579	246
2017	4	99001		2	7	18			2,179		
2017	4	94001		2	7	19			1,4493		
2017	4	73268		1	7		19	0,6437		26567	171
2017	4	44847		1	7		19	2,1355		5947	127
2017	4	5088		1	7		19	1,7412		78796	1372



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5837		1	7		19	0,8355		27410	229
2017	4	5615		1	7		19	0,5124		61671	316
2017	4	5129		1	7		19	0,7497		18408	138
2017	4	50006		1	7		19	1,29		37441	483
2017	4	52356		1	7		19	0,7374		19529	144
2017	4	5308		1	7		19	0,7071		14000	99
2017	4	8573		1	7		19	0,5121		9569	49
2017	4	85410		1	7		19	1,2336		9241	114
2017	4	54874		1	7		19	1,1403		14470	165
2017	4	50568		1	7		19	0,6328		12801	81
2017	4	5360		1	7		19	1,9459		43271	842
2017	4	5045		1	7		19	0,7975		38118	304
2017	4	5631		1	7		19	1,1029		22939	253
2017	4	27001		2	7		19	1,0396		75031	780
2017	4	44001		1	7		19	2,0662		25167	520
2017	4	5380		1	7		19	1,5168		12263	186
2017	4	5607		1	7		19	0,3744		7479	28
2017	4	44430		1	7		19	0,8366		12910	108
2017	4	54405		1	7		19	0,3774		20934	79
2017	4	17380		1	7		19	0,7798		23084	180
2017	4	5318		1	7		19	0,7516		14370	108
2017	4	20011		1	7		19	0,2647		20400	54
2017	4	44560		1	7		19	2,0851		2350	49
2017	4	66170		1	7		19	1,0892		77760	847
2017	4	5266		1	7		19	1,4696		51713	760
2017	4	20400		1	7		19	0,8833		15058	133
2017	4	54498		1	7		19	0,6555		23800	156
2017	4	52835		1	7		19	0,535		26169	140
2017	4	73449		1	7		19	0,6173		21545	133
2017	4	41551		1	7		19	0,8874		45073	400
2017	4	8758		1	7		19	0,7654		49907	382
2017	4	5212		1	7		19	1,5214		15972	243
2017	4	5376		1	7		19	1,1142		16335	182
2017	4	88001		2	7		20	0,4668		8140	38
2017	4	20001		1	8		9	0,4197		91966	386
2017	4	81001		1	8		9	0,2834		19052	54
2017	4	47001		1	8		9	0,5481		86666	475
2017	4	54001	5400106	1	8		10	1,0163		28534	290
2017	4	54001	5400101	1	8		10	0,3057		52992	162
2017	4	54001	5400104	1	8		10	0,7368		14793	109
2017	4	54001	5400110	1	8		10	0,7409		9178	68
2017	4	54001	5400108	1	8		10	0,427		22952	98
2017	4	54001	5400105	1	8		10	0,5805		31351	182
2017	4	54001	5400103	1	8		10	1,0631		11288	120
2017	4	54001	5400107	1	8		10	0,4482		19188	86
2017	4	54001	5400109	1	8		10	0,6255		14389	90
2017	4	54001	5400102	1	8		10	0,6132		26420	162
2017	4	97001		2	8		10		0,3409		
2017	4	8001	800105	1	8		10	0,3164		39510	125
2017	4	8001	800103	1	8		10	0,6067		43023	261
2017	4	8001	800102	1	8		10	0,5588		14854	83
2017	4	8001	800101	1	8		10	0,8694		33586	292
2017	4	8001	800104	1	8		10	0,4561		117948	538
2017	4	68001	6800111	1	8		10	0,3596		5562	20
2017	4	68001	6800117	1	8		10	1,0265		3702	38
2017	4	68001	6800101	1	8		10	0,4616		5849	27
2017	4	68001	6800115	1	8		10	0,6476		11736	76
2017	4	68001	6800113	1	8		10	0,7351		27480	202
2017	4	68001	6800110	1	8		10	1,1683		10699	125
2017	4	68001	6800104	1	8		10	0,46		13044	60
2017	4	68001	6800107	1	8		10	0,6397		2970	19
2017	4	68001	6800106	1	8		10	0,5232		12041	63
2017	4	68001	6800105	1	8		10	1,6506		6543	108
2017	4	68001	6800103	1	8		10	0,5536		19147	106
2017	4	68001	6800108	1	8		10	0,7036		3269	23
2017	4	68001	6800116	1	8		10	1,0009		6794	68
2017	4	68001	6800112	1	8		10	0,5372		25132	135
2017	4	11001	1100107	1	8		10	1,0209		153106	1563
2017	4	11001	1100111	1	8		10	0,9452		400886	3789
2017	4	11001	1100105	1	8		10	0,6745		65377	441
2017	4	11001	1100108	1	8		10	1,2831		396924	5093
2017	4	11001	1100101	1	8		10	0,9525		273390	2604
2017	4	11001	1100110	1	8		10	0,8466		301787	2555
2017	4	11001	1100109	1	8		10	0,9511		214797	2043
2017	4	11001	1100114	1	8		10	0,6201		125465	778
2017	4	11001	1100103	1	8		10	0,7288		93989	685
2017	4	11001	1100102	1	8		10	0,5681		162655	924
2017	4	11001	1100117	1	8		10	0,7628		29497	225
2017	4	11001	1100106	1	8		10	1,2436		71323	887



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	11001	1100113	1	8		10	0,7664		129045	989
2017	4	11001	1100118	1	8		10	0,9717		110731	1076
2017	4	11001	1100116	1	8		10	0,6236		184263	1149
2017	4	11001	1100104	1	8		10	1,5948		80573	1285
2017	4	11001	1100115	1	8		10	0,9867		57361	566
2017	4	11001	1100112	1	8		10	0,5413		132276	716
2017	4	11001	1100119	1	8		10	1,0754		120791	1299
2017	4	5376		1	8		10	0,5047		15059	76
2017	4	15572		1	8		10	0,7617		14572	111
2017	4	5088		1	8		10	1,4641		68986	1010
2017	4	5837		1	8		10	0,7656		25600	196
2017	4	25799		1	8		10	1,1813		7619	90
2017	4	5615		1	8		10	0,3897		65948	257
2017	4	5129		1	8		10	0,6656		16976	113
2017	4	25286		1	8		10	1,27		37007	470
2017	4	25473		1	8		10	1,0139		34125	346
2017	4	5308		1	8		10	0,5007		13580	68
2017	4	8573		1	8		10	0,2092		14815	31
2017	4	25175		1	8		10	0,7372		60635	447
2017	4	5360		1	8		10	1,3003		57601	749
2017	4	25758		1	8		10	1,0323		16274	168
2017	4	25307		1	8		10	0,6481		42741	277
2017	4	25377		1	8		10	0,6503		12763	83
2017	4	68081		1	8		10	0,505		62972	318
2017	4	15238		1	8		10	0,2589		74168	192
2017	4	25430		1	8		10	1,1958		31945	382
2017	4	76111		1	8		10	0,3415		17571	60
2017	4	5045		1	8		10	0,6106		38649	236
2017	4	5631		1	8		10	1,0299		23594	243
2017	4	68679		1	8		10	0,326		17485	57
2017	4	25214		1	8		10	0,9682		25407	246
2017	4	50001	5000101	1	8		10	0,6456		19362	125
2017	4	50001	5000102	1	8		10	0,2755		48639	134
2017	4	50001	5000103	1	8		10	0,2009		28877	58
2017	4	50001	5000104	1	8		10	0,4672		24614	115
2017	4	50001	5000105	1	8		10	0,3716		53011	197
2017	4	50001	5000106	1	8		10	0,1199		13345	16
2017	4	50001	5000107	1	8		10	0,4479		42417	190
2017	4	50001	5000108	1	8		10	0,408		20099	82
2017	4	73001	7300101	1	8		10	0,222		27025	60
2017	4	73001	7300102	1	8		10	0,2966		3371	10
2017	4	73001	7300103	1	8		10	0,3994		11266	45
2017	4	73001	7300104	1	8		10	0,2961		14859	44
2017	4	73001	7300105	1	8		10	0,4278		18467	79
2017	4	73001	7300106	1	8		10	0,2554		7048	18
2017	4	73001	7300107	1	8		10	0,7526		15014	113
2017	4	73001	7300108	1	8		10	0,7324		12288	90
2017	4	73001	7300109	1	8		10	2,2388		27872	624
2017	4	73001	7300110	1	8		10	0,2075		25545	53
2017	4	73001	7300111	1	8		10	0,1659		4821	8
2017	4	73001	7300112	1	8		10	0,2117		7557	16
2017	4	73001	7300113	1	8		10	1,0604		4338	46
2017	4	13001	1300102	1	8		10	0,4813		59425	286
2017	4	13001	1300103	1	8		10	0,5167		70641	365
2017	4	13001	1300101	1	8		10	0,3769		119932	452
2017	4	66001		1	8		10	0,3787		192768	730
2017	4	73001		1	8		10	0,6804		183117	1246
2017	4	19001		1	8		10	0,324		124996	405
2017	4	68001		1	8		10	0,6992		156037	1091
2017	4	88001		2	8		10	0,4807		9569	46
2017	4	41001		1	8		10	0,4243		133165	565
2017	4	86001		2	8		10	0,7706		26604	205
2017	4	15001		1	8		10	0,3471		119578	415
2017	4	85001		1	8		10	0,6267		116637	731
2017	4	70001		1	8		10	0,2738		71575	196
2017	4	54001		1	8		10	0,6165		235040	1449
2017	4	13001		1	8		10	0,4412		249998	1103
2017	4	8001		1	8		10	0,5264		251527	1324
2017	4	11001		1	8		10	0,9235		3104236	28667
2017	4	52001		1	8		10	0,5863		109674	643
2017	4	50001		1	8		10	0,4513		274334	1238
2017	4	17001		1	8		10	0,4096		154067	631
2017	4	23001		1	8		10	0,4752		166245	790
2017	4	63001		1	8		10	0,6042		104275	630
2017	4	18001		1	8		10	0,3823		88155	337
2017	4	68307		1	8		10	0,5362		31519	169
2017	4	15491		1	8		10	0,7847		5225	41
2017	4	25817		1	8		10	0,4775		11936	57
2017	4	5380		1	8		10	1,047		13467	141



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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	4	5607		1	8		10	0,3654		8211	30
2017	4	68276		1	8		10	0,8182		50724	415
2017	4	25754		1	8		10	0,8828		133435	1178
2017	4	5318		1	8		10	0,6137		13362	82
2017	4	25290		1	8		10	0,9092		53781	489
2017	4	66170		1	8		10	0,5729		62840	360
2017	4	25126		1	8		10	0,9721		31477	306
2017	4	5266		1	8		10	1,2092		58139	703
2017	4	25899		1	8		10	0,8973		47699	428
2017	4	25269		1	8		10	0,5885		47922	282
2017	4	76834		1	8		10	0,5913		31287	185
2017	4	76109		1	8		10	0,4822		53302	257
2017	4	68547		1	8		10	0,9369		26683	250
2017	4	41551		1	8		10	1,1859		49834	591
2017	4	15759		1	8		10	0,4257		74236	316
2017	4	76147		1	8		10	0,3474		36847	128
2017	4	8758		1	8		10	0,3513		48113	169
2017	4	76520		1	8		10	0,6613		56104	371
2017	4	76892		1	8		10	0,4164		38188	159
2017	4	5212		1	8		10	1,3069		15992	209
2017	4	76130		1	8		10	0,8023		15082	121
2017	4	76364		1	8		10	0,5817		26303	153
2017	4	76001	7600121	1	8	11		0,4813		4363	21
2017	4	76001	7600122	1	8	11		1,3357		21637	289
2017	4	76001		1	8	11		0,5274		490729	2588
2017	4	5001		1	8	11		1,0723		616327	6609
2017	4	5001	500113	1	8	11		1,087		19596	213
2017	4	5001	500112	1	8	11		0,5315		23517	125
2017	4	5001	500114	1	8	11		0,797		85199	679
2017	4	5001	500103	1	8	11		1,2901		8914	115
2017	4	5001	500115	1	8	11		0,8297		37966	315
2017	4	5001	500105	1	8	11		1,5147		34330	520
2017	4	5001	500104	1	8	11		1,4563		20737	302
2017	4	5001	500107	1	8	11		1,9247		31173	600
2017	4	5001	500101	1	8	11		1,2062		4394	53
2017	4	5001	500116	1	8	11		1,1608		53582	622
2017	4	76001	7600120	1	8	11		0,9219		3688	34
2017	4	76001	7600119	1	8	11		0,5333		54750	292
2017	4	76001	7600118	1	8	11		0,787		17663	139
2017	4	76001	7600117	1	8	11		0,619		55575	344
2017	4	76001	7600116	1	8	11		0,589		11545	68
2017	4	76001	7600115	1	8	11		0,5714		7525	43
2017	4	76001	7600114	1	8	11		0,4933		15813	78
2017	4	76001	7600113	1	8	11		0,6468		16078	104
2017	4	99001		2	8	11			2,3833		
2017	4	5001	500102	1	8	11		1,7108		14555	249
2017	4	5001	500109	1	8	11		1,2791		20405	261
2017	4	5001	500110	1	8	11		0,9048		147099	1331
2017	4	5001	500108	1	8	11		1,4315		15368	220
2017	4	5001	500106	1	8	11		1,1299		14603	165
2017	4	5001	500111	1	8	11		0,8907		64107	571
2017	4	76001	7600101	1	8	11		0,372		6183	23
2017	4	76001	7600102	1	8	11		0,4414		64795	286
2017	4	76001	7600103	1	8	11		0,4884		41769	204
2017	4	76001	7600104	1	8	11		0,1467		21812	32
2017	4	76001	7600105	1	8	11		0,2053		23870	49
2017	4	76001	7600106	1	8	11		0,2993		14366	43
2017	4	76001	7600107	1	8	11		0,4157		8660	36
2017	4	76001	7600108	1	8	11		0,3475		26184	91
2017	4	76001	7600109	1	8	11		0,3595		23366	84
2017	4	76001	7600110	1	8	11		0,4411		22897	101
2017	4	76001	7600111	1	8	11		0,4629		12530	58
2017	4	76001	7600112	1	8	11		0,2229		4037	9
2017	4	73449		1	8		19	0,7055		24238	171
2017	4	73268		1	8		19	0,425		27531	117
2017	4	95001		2	8	19		0,3709		13749	51
2017	4	50568		1	8		19	0,5462		11535	63
2017	4	54874		1	8		19	1,3399		15523	208
2017	4	85410		1	8		19	1,3702		8101	111
2017	4	44001		1	8		19	0,4269		24125	103
2017	4	44430		1	8		19	0,404		11882	48
2017	4	94001		2	8		19		0,6114		
2017	4	50006		1	8		19	0,9755		36085	352
2017	4	44847		1	8		19	0,6156		5523	34
2017	4	27001		2	8		19	0,8258		74841	618
2017	4	54498		1	8		19	0,7808		22926	179
2017	4	20400		1	8		19	0,2749		12366	34
2017	4	44560		1	8		19	0,6516		2302	15
2017	4	20011		1	8		19	0,3785		19285	73



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	17380		1	8		19	0,8575		23908	205
2017	4	54405		1	8		19	0,4573		22525	103
2017	4	91001		2	8	20			4,4914		
2017	4	52835		1	8		20	0,4652		23859	111
2017	4	52356		1	8		20	0,8698		16210	141
2017	4	99001		2	9	11			1,9429		
2017	4	8001	800105	1	9	11		0,1872		18701	35
2017	4	8001	800103	1	9	11		0,5077		25802	131
2017	4	8001		1	9	11		0,534		130156	695
2017	4	8001	800101	1	9	11		0,9434		23849	225
2017	4	8001	800104	1	9	11		0,3716		44403	165
2017	4	8001	800102	1	9	11		0,7511		15577	117
2017	4	97001		2	9	19			0		
2017	4	94001		2	9	19			1,1246		
2017	4	11001	1100107	1	9	19		1,7011		141264	2403
2017	4	11001	1100111	1	9	19		1,237		256918	3178
2017	4	11001	1100105	1	9	19		0,926		71706	664
2017	4	11001	1100108	1	9	19		1,2688		258189	3276
2017	4	11001	1100101	1	9	19		1,1316		132202	1496
2017	4	11001	1100110	1	9	19		1,0388		190417	1978
2017	4	11001	1100109	1	9	19		0,9009		109219	984
2017	4	11001	1100114	1	9	19		0,7581		31130	236
2017	4	11001	1100103	1	9	19		1,2071		24273	293
2017	4	11001	1100102	1	9	19		0,6373		47858	305
2017	4	11001	1100117	1	9	19		1,9854		6296	125
2017	4	11001	1100106	1	9	19		1,4324		50823	728
2017	4	11001	1100113	1	9	19		0,642		45169	290
2017	4	11001	1100118	1	9	19		1,2807		84797	1086
2017	4	11001	1100116	1	9	19		0,7856		77011	605
2017	4	11001	1100104	1	9	19		1,6191		73002	1182
2017	4	11001	1100115	1	9	19		1,0387		25899	269
2017	4	11001	1100112	1	9	19		0,4788		39679	190
2017	4	11001	1100119	1	9	19		1,44		113892	1640
2017	4	5376		1	9		19	0,7219		10667	77
2017	4	15572		1	9		19	0,6442		12108	78
2017	4	5088		1	9		19	1,7282		56823	982
2017	4	5837		1	9		19	0,9093		25294	230
2017	4	25799		1	9		19	1,4548		3437	50
2017	4	5615		1	9		19	0,5716		37790	216
2017	4	5129		1	9		19	0,6495		12933	84
2017	4	50006		1	9		19	1,0896		28726	313
2017	4	25286		1	9		19	1,7337		19611	340
2017	4	25473		1	9		19	1,0181		22296	227
2017	4	52356		1	9		19	1,0775		14478	156
2017	4	5308		1	9		19	1,7321		8833	153
2017	4	8573		1	9		19	0,242		6199	15
2017	4	85410		1	9		19	1,2284		7245	89
2017	4	25175		1	9		19	0,7408		36719	272
2017	4	50568		1	9		19	0,6318		10130	64
2017	4	5360		1	9		19	1,6922		23874	404
2017	4	25758		1	9		19	1,2667		8684	110
2017	4	25307		1	9		19	0,8746		29157	255
2017	4	25377		1	9		19	0,6737		8906	60
2017	4	68081		1	9		19	0,4691		43699	205
2017	4	15238		1	9		19	0,4999		44413	222
2017	4	25430		1	9		19	1,1843		23642	280
2017	4	5045		1	9		19	0,7834		29360	230
2017	4	5631		1	9		19	1,0924		12999	142
2017	4	68679		1	9		19	0,4191		10260	43
2017	4	25214		1	9		19	1,3366		9277	124
2017	4	50001	5000101	1	9	19		0,7095		10852	77
2017	4	50001	5000102	1	9	19		0,4132		15247	63
2017	4	50001	5000103	1	9	19		0,3772		9280	35
2017	4	50001	5000104	1	9	19		0,5327		20836	111
2017	4	50001	5000105	1	9	19		0,4809		38472	185
2017	4	50001	5000106	1	9	19		0,1699		4708	8
2017	4	50001	5000107	1	9	19		0,3884		27808	108
2017	4	50001	5000108	1	9	19		0,6168		15726	97
2017	4	13001	1300102	1	9	19		0,5677		45093	256
2017	4	13001	1300103	1	9	19		0,6473		52220	338
2017	4	13001	1300101	1	9	19		0,462		65582	303
2017	4	81001		1	9	19		0,5151		13785	71
2017	4	13001		1	9	19		0,5507		162895	897
2017	4	15001		1	9	19		0,4698		65341	307
2017	4	44001		1	9	19		0,4965		19738	98
2017	4	70001		1	9	19		1,4309		45567	652
2017	4	23001		1	9	19		0,7787		113650	885
2017	4	17001		1	9	19		0,7978		93880	749
2017	4	85001		1	9	19		0,7862		81282	639



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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	4	86001		2	9		19	0,6334		14209	90
2017	4	20001		1	9		19	0,235		56604	133
2017	4	52001		1	9		19	0,8433		67233	567
2017	4	11001		1	9		19	1,1759		1779744	20928
2017	4	50001		1	9		19	0,5851		164761	964
2017	4	95001		2	9		19	0,4428		11065	49
2017	4	68307		1	9		19	0,7267		17201	125
2017	4	15491		1	9		19	0,5741		3658	21
2017	4	25817		1	9		19	0,4471		8723	39
2017	4	5380		1	9		19	1,1877		7409	88
2017	4	5607		1	9		19	0,5785		5359	31
2017	4	68276		1	9		19	0,8492		37331	317
2017	4	25754		1	9		19	1,3727		117942	1619
2017	4	17380		1	9		19	0,8522		19244	164
2017	4	5318		1	9		19	0,7387		11778	87
2017	4	25290		1	9		19	1,3714		40761	559
2017	4	20011		1	9		19	0,29		15863	46
2017	4	66170		1	9		19	0,6313		43245	273
2017	4	25126		1	9		19	1,1271		18809	212
2017	4	5266		1	9		19	1,3083		27594	361
2017	4	25899		1	9		19	1,2074		32714	395
2017	4	20400		1	9		19	0,3314		12070	40
2017	4	25269		1	9		19	0,8545		38266	327
2017	4	52835		1	9		19	0,5359		23883	128
2017	4	73449		1	9		19	0,7314		20510	150
2017	4	68547		1	9		19	1,0967		20516	225
2017	4	15759		1	9		19	0,6662		43984	293
2017	4	8758		1	9		19	2,5877		41426	1072
2017	4	5212		1	9		19	1,4437		10875	157
2017	4	73268		1	9		19	0,8463		20088	170
2017	4	73001	7300109	1	9		20	2,7991		14076	394
2017	4	73001	7300110	1	9		20	0,2262		9285	21
2017	4	73001	7300111	1	9		20	0,0912		4384	4
2017	4	73001	7300112	1	9		20	0,3183		6283	20
2017	4	73001	7300113	1	9		20	1,1876		4210	50
2017	4	5001	500116	1	9		20	1,2792		30722	393
2017	4	5001	500101	1	9		20	1,5889		5098	81
2017	4	5001	500107	1	9		20	2,2841		25743	588
2017	4	5001	500104	1	9		20	1,7951		15598	280
2017	4	5001	500105	1	9		20	2,2159		22700	503
2017	4	5001	500115	1	9		20	1,319		13192	174
2017	4	5001	500103	1	9		20	1,582		9671	153
2017	4	5001	500114	1	9		20	0,9914		24107	239
2017	4	5001	500112	1	9		20	1,0438		11688	122
2017	4	5001	500113	1	9		20	1,5678		17987	282
2017	4	18001		1	9		20	0,6769		53480	362
2017	4	76001		1	9		20	0,696		251140	1748
2017	4	66001		1	9		20	0,5887		96649	569
2017	4	41001		1	9		20	0,4669		74103	346
2017	4	27001		2	9		20	0,9507		55750	530
2017	4	88001		2	9		20	0,4134		7499	31
2017	4	73001		1	9		20	0,9664		102650	992
2017	4	54001		1	9		20	0,9104		122255	1113
2017	4	47001		1	9		20	0,427		53395	228
2017	4	63001		1	9		20	0,8078		56325	455
2017	4	68001		1	9		20	0,9488		67140	637
2017	4	5001		1	9		20	1,6255		300527	4885
2017	4	19001		1	9		20	0,49		77750	381
2017	4	44430		1	9		20	0,1897		9487	18
2017	4	54405		1	9		20	0,3519		14779	52
2017	4	44560		1	9		20	0,5711		1751	10
2017	4	54498		1	9		20	0,601		17969	108
2017	4	76834		1	9		20	0,6363		19173	122
2017	4	76109		1	9		20	0,641		34633	222
2017	4	41551		1	9		20	0,9712		31920	310
2017	4	76147		1	9		20	0,4692		23020	108
2017	4	76520		1	9		20	0,6464		30940	200
2017	4	76892		1	9		20	0,543		14917	81
2017	4	76130		1	9		20	0,6913		11428	79
2017	4	76364		1	9		20	0,5962		15933	95
2017	4	76001	7600121	1	9		20	0,4847		5364	26
2017	4	76001	7600122	1	9		20	1,1398		6580	75
2017	4	54001	5400106	1	9		20	1,2159		18752	228
2017	4	54001	5400101	1	9		20	0,7333		7091	52
2017	4	54001	5400104	1	9		20	0,5843		9071	53
2017	4	54001	5400110	1	9		20	0,5431		6260	34
2017	4	54001	5400108	1	9		20	0,9585		20031	192
2017	4	54001	5400105	1	9		20	0,8106		12830	104
2017	4	54001	5400103	1	9		20	1,0647		8453	90



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	54001	5400107	1	9		20	0,5562		16721	93
2017	4	54001	5400109	1	9		20	1,1683		11298	132
2017	4	54001	5400102	1	9		20	0,8864		9476	84
2017	4	91001		2	9		20		4,6132		
2017	4	5001	500102	1	9		20	2,025		16000	324
2017	4	5001	500109	1	9		20	1,9583		15983	313
2017	4	5001	500110	1	9		20	1,5439		24742	382
2017	4	5001	500108	1	9		20	2,0782		14339	298
2017	4	5001	500106	1	9		20	1,9515		15373	300
2017	4	5001	500111	1	9		20	1,1682		19688	230
2017	4	68001	6800111	1	9		20	0,7199		2778	20
2017	4	68001	6800117	1	9		20	0,876		2854	25
2017	4	68001	6800101	1	9		20	0,7503		5198	39
2017	4	68001	6800115	1	9		20	0,858		1049	9
2017	4	68001	6800113	1	9		20	0,8209		10963	90
2017	4	68001	6800110	1	9		20	1,7975		6954	125
2017	4	68001	6800104	1	9		20	1,0089		2577	26
2017	4	68001	6800107	1	9		20	0,813		1845	15
2017	4	68001	6800106	1	9		20	0,9405		4253	40
2017	4	68001	6800105	1	9		20	1,4925		4690	70
2017	4	68001	6800103	1	9		20	0,7032		7964	56
2017	4	68001	6800108	1	9		20	0,7547		2650	20
2017	4	68001	6800116	1	9		20	0,8737		4807	42
2017	4	68001	6800112	1	9		20	0,7054		6946	49
2017	4	76001	7600101	1	9		20	0,7937		5418	43
2017	4	76001	7600102	1	9		20	0,4312		23193	100
2017	4	76001	7600103	1	9		20	0,7962		6782	54
2017	4	76001	7600104	1	9		20	0,2243		7133	16
2017	4	76001	7600105	1	9		20	0,4401		15224	67
2017	4	76001	7600106	1	9		20	0,465		11397	53
2017	4	76001	7600107	1	9		20	0,6664		6152	41
2017	4	76001	7600108	1	9		20	0,4375		13487	59
2017	4	76001	7600109	1	9		20	0,4684		5551	26
2017	4	76001	7600110	1	9		20	0,5846		11632	68
2017	4	76001	7600111	1	9		20	0,677		9453	64
2017	4	76001	7600112	1	9		20	0,2956		3045	9
2017	4	76001	7600113	1	9		20	0,7529		15274	115
2017	4	76001	7600114	1	9		20	0,7803		16147	126
2017	4	76001	7600115	1	9		20	0,8471		8263	70
2017	4	76001	7600116	1	9		20	0,7819		9336	73
2017	4	76001	7600117	1	9		20	0,8337		27349	228
2017	4	76001	7600118	1	9		20	0,998		13928	139
2017	4	76001	7600119	1	9		20	0,8998		20226	182
2017	4	76001	7600120	1	9		20	1,1901		2941	35
2017	4	44847		1	9		20	1,4673		4907	72
2017	4	54874		1	9		20	1,3383		10835	145
2017	4	76111		1	9		20	0,4105		9258	38
2017	4	73001	7300101	1	9		20	0,4168		9358	39
2017	4	73001	7300102	1	9		20	0,6216		2574	16
2017	4	73001	7300103	1	9		20	0,7265		3441	25
2017	4	73001	7300104	1	9		20	0,2264		8392	19
2017	4	73001	7300105	1	9		20	0,4858		11115	54
2017	4	73001	7300106	1	9		20	0,8003		5498	44
2017	4	73001	7300107	1	9		20	1,2503		11757	147
2017	4	73001	7300108	1	9		20	1,3663		10320	141
2017	4	76001	7600121	1	10		10	1,1123		4585	51
2017	4	76001	7600122	1	10		10	1,1179		19949	223
2017	4	54001	5400106	1	10		10	0,7614		25480	194
2017	4	54001	5400101	1	10		10	0,2739		59868	164
2017	4	54001	5400104	1	10		10	0,6739		14098	95
2017	4	54001	5400110	1	10		10	0,6236		9301	58
2017	4	54001	5400108	1	10		10	0,6202		21929	136
2017	4	54001	5400105	1	10		10	0,5394		30033	162
2017	4	54001	5400103	1	10		10	0,9928		11181	111
2017	4	54001	5400107	1	10		10	0,6172		19767	122
2017	4	54001	5400109	1	10		10	0,5729		14663	84
2017	4	54001	5400102	1	10		10	0,558		27420	153
2017	4	8001	800105	1	10		10	0,3207		37727	121
2017	4	8001	800103	1	10		10	0,6202		42731	265
2017	4	8001	800102	1	10		10	0,5592		18062	101
2017	4	8001	800101	1	10		10	0,8128		33095	269
2017	4	8001	800104	1	10		10	0,4338		140619	610
2017	4	68001	6800111	1	10		10	0,5666		4942	28
2017	4	68001	6800117	1	10		10	0,8429		3559	30
2017	4	68001	6800101	1	10		10	0,8013		6115	49
2017	4	68001	6800115	1	10		10	0,6085		14954	91
2017	4	68001	6800113	1	10		10	0,6419		32871	211
2017	4	68001	6800110	1	10		10	1,1905		9576	114
2017	4	68001	6800104	1	10		10	0,5241		13357	70



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	68001	6800107	1	10			0,4947		2628	13
2017	4	68001	6800106	1	10			0,4848		13613	66
2017	4	68001	6800105	1	10			0,996		7329	73
2017	4	68001	6800103	1	10			0,503		18885	95
2017	4	68001	6800108	1	10			0,6107		3275	20
2017	4	68001	6800116	1	10			0,9139		6456	59
2017	4	68001	6800112	1	10			0,5076		32503	165
2017	4	11001	1100107	1	10			1,2119		143004	1733
2017	4	11001	1100111	1	10			0,8549		390799	3341
2017	4	11001	1100105	1	10			0,7187		65812	473
2017	4	11001	1100108	1	10			0,972		375502	3650
2017	4	11001	1100101	1	10			0,9022		319425	2882
2017	4	11001	1100110	1	10			0,7723		302352	2335
2017	4	11001	1100109	1	10			0,864		240401	2077
2017	4	11001	1100114	1	10			0,6969		137325	957
2017	4	11001	1100103	1	10			0,7276		121355	883
2017	4	11001	1100102	1	10			0,4968		268095	1332
2017	4	11001	1100117	1	10			0,6091		40387	246
2017	4	11001	1100106	1	10			1,1713		69583	815
2017	4	11001	1100113	1	10			0,7346		178204	1309
2017	4	11001	1100118	1	10			0,9191		108582	998
2017	4	11001	1100116	1	10			0,5531		212443	1175
2017	4	11001	1100104	1	10			1,4244		80317	1144
2017	4	11001	1100115	1	10			0,9315		60976	568
2017	4	11001	1100112	1	10			0,6499		160494	1043
2017	4	11001	1100119	1	10			1,0519		116266	1223
2017	4	76001	7600101	1	10			0,4467		6044	27
2017	4	76001	7600102	1	10			0,3367		80785	272
2017	4	76001	7600103	1	10			0,5042		52558	265
2017	4	76001	7600104	1	10			0,1532		24157	37
2017	4	76001	7600105	1	10			0,1803		23291	42
2017	4	76001	7600106	1	10			0,2755		13432	37
2017	4	76001	7600107	1	10			0,3516		8532	30
2017	4	76001	7600108	1	10			0,3539		27409	97
2017	4	76001	7600109	1	10			0,3758		23152	87
2017	4	76001	7600110	1	10			0,4019		22391	90
2017	4	76001	7600111	1	10			0,8619		12531	108
2017	4	76001	7600112	1	10			0,3434		4077	14
2017	4	76001	7600113	1	10			0,5995		16179	97
2017	4	76001	7600114	1	10			0,5936		16172	96
2017	4	76001	7600115	1	10			0,4533		7722	35
2017	4	76001	7600116	1	10			0,5453		11554	63
2017	4	76001	7600117	1	10			0,7085		54481	386
2017	4	76001	7600118	1	10			0,7859		17177	135
2017	4	76001	7600119	1	10			0,638		60974	389
2017	4	76001	7600120	1	10			1,1073		3522	39
2017	4	5376		1	10			0,6187		15679	97
2017	4	15572		1	10			0,9376		15465	145
2017	4	5088		1	10			1,4349		67742	972
2017	4	5837		1	10			0,7848		27141	213
2017	4	25799		1	10			1,1624		9807	114
2017	4	5615		1	10			0,4988		72377	361
2017	4	5129		1	10			0,7263		17072	124
2017	4	25286		1	10			1,2684		43598	553
2017	4	25473		1	10			0,8703		37689	328
2017	4	5308		1	10			0,5263		15201	80
2017	4	8573		1	10			0,3812		11541	44
2017	4	25175		1	10			0,7024		64204	451
2017	4	5360		1	10			1,1551		63542	734
2017	4	25758		1	10			1,1271		18277	206
2017	4	25307		1	10			0,731		46925	343
2017	4	25377		1	10			0,6108		13753	84
2017	4	68081		1	10			0,4629		66976	310
2017	4	15238		1	10			0,3363		77913	262
2017	4	25430		1	10			1,1987		35371	424
2017	4	76111		1	10			0,3576		19293	69
2017	4	5045		1	10			0,7097		38892	276
2017	4	5631		1	10			0,9619		28278	272
2017	4	68679		1	10			0,414		19805	82
2017	4	25214		1	10			0,8973		32875	295
2017	4	50001	5000101	1	10			0,6348		20638	131
2017	4	50001	5000102	1	10			0,3521		62198	219
2017	4	50001	5000103	1	10			0,2593		27378	71
2017	4	50001	5000104	1	10			0,3943		24603	97
2017	4	50001	5000105	1	10			0,3847		51726	199
2017	4	50001	5000106	1	10			0,1035		11595	12
2017	4	50001	5000107	1	10			0,641		39783	255
2017	4	50001	5000108	1	10			0,5571		19924	111
2017	4	73001	7300101	1	10			0,2151		32543	70



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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	4	73001	7300102	1	10		10	0,4848		3300	16
2017	4	73001	7300103	1	10		10	0,5186		11377	59
2017	4	73001	7300104	1	10		10	0,4094		16854	69
2017	4	73001	7300105	1	10		10	0,4699		18301	86
2017	4	73001	7300106	1	10		10	0,5286		6621	35
2017	4	73001	7300107	1	10		10	0,9433		15159	143
2017	4	73001	7300108	1	10		10	0,8801		12612	111
2017	4	73001	7300109	1	10		10	2,0215		27950	565
2017	4	73001	7300110	1	10		10	0,3453		29537	102
2017	4	73001	7300111	1	10		10	0,1637		4887	8
2017	4	73001	7300112	1	10		10	0,324		7716	25
2017	4	73001	7300113	1	10		10	0,9577		4281	41
2017	4	13001	1300102	1	10		10	1,1323		55726	631
2017	4	13001	1300103	1	10		10	0,6142		70171	431
2017	4	13001	1300101	1	10		10	0,4959		129059	640
2017	4	47001		1	10		10	0,4309		99565	429
2017	4	70001		1	10		10	0,9815		76314	749
2017	4	63001		1	10		10	0,6178		121228	749
2017	4	73001		1	10		10	0,7075		195199	1381
2017	4	19001		1	10		10	0,3123		141510	442
2017	4	44001		1	10		10	0,4143		26794	111
2017	4	66001		1	10		10	0,4379		214683	940
2017	4	54001		1	10		10	0,573		237680	1362
2017	4	86001		2	10		10	0,5068		24271	123
2017	4	13001		1	10		10	0,6676		254956	1702
2017	4	20001		1	10		10	0,2364		99410	235
2017	4	18001		1	10		10	0,4216		93686	395
2017	4	11001		1	10		10	0,8311		3391322	28184
2017	4	50001		1	10		10	0,4935		283096	1397
2017	4	41001		1	10		10	0,3494		138803	485
2017	4	81001		1	10		10	0,443		20994	93
2017	4	8001		1	10		10	0,5053		274688	1388
2017	4	85001		1	10		10	0,6014		120712	726
2017	4	27001		2	10		10	0,7443		80614	600
2017	4	15001		1	10		10	0,3358		129235	434
2017	4	52001		1	10		10	0,5976		119808	716
2017	4	95001		2	10		10	0,2034		16228	33
2017	4	68001		1	10		10	0,6383		172185	1099
2017	4	23001		1	10		10	0,7992		178050	1423
2017	4	76001		1	10		10	0,5257		522153	2745
2017	4	17001		1	10		10	0,4076		175668	716
2017	4	68307		1	10		10	0,5723		31800	182
2017	4	15491		1	10		10	1,1242		6049	68
2017	4	25817		1	10		10	0,4401		13859	61
2017	4	5380		1	10		10	1,0301		16891	174
2017	4	5607		1	10		10	0,2933		8183	24
2017	4	68276		1	10		10	0,9505		54394	517
2017	4	25754		1	10		10	0,8908		131223	1169
2017	4	5318		1	10		10	0,7327		14741	108
2017	4	25290		1	10		10	1,0205		60557	618
2017	4	25126		1	10		10	0,9451		32696	309
2017	4	5266		1	10		10	1,2163		58539	712
2017	4	25899		1	10		10	0,8518		50014	426
2017	4	25269		1	10		10	0,5907		51125	302
2017	4	76834		1	10		10	0,5443		35091	191
2017	4	76109		1	10		10	0,4199		57398	241
2017	4	68547		1	10		10	0,8381		27562	231
2017	4	15759		1	10		10	0,4394		81024	356
2017	4	76147		1	10		10	0,3553		41092	146
2017	4	8758		1	10		10	0,6303		49504	312
2017	4	76520		1	10		10	0,746		60722	453
2017	4	76892		1	10		10	0,393		49115	193
2017	4	5212		1	10		10	1,5278		16952	259
2017	4	76130		1	10		10	0,7768		17380	135
2017	4	76364		1	10		10	0,7492		26829	201
2017	4	5001	500105	1	10		11	1,4963		35287	528
2017	4	5001	500115	1	10		11	0,995		46433	462
2017	4	5001	500107	1	10		11	1,8634		29623	552
2017	4	5001	500101	1	10		11	1,5422		4539	70
2017	4	5001	500116	1	10		11	1,0978		54565	599
2017	4	5001	500111	1	10		11	0,8832		66120	584
2017	4	5001	500106	1	10		11	2,0949		13700	287
2017	4	5001	500108	1	10		11	1,8093		15807	286
2017	4	5001	500110	1	10		11	0,952		166916	1589
2017	4	5001	500109	1	10		11	1,5372		17825	274
2017	4	5001	500102	1	10		11	1,6114		15018	242
2017	4	5001		1	10		11	1,108		664163	7359
2017	4	88001		2	10		11	0,4375		10515	46
2017	4	5001	500113	1	10		11	1,0019		18465	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	4	5001	500112	1	10		11	0,6774		23621	160
2017	4	5001	500114	1	10		11	0,7643		106499	814
2017	4	5001	500103	1	10		11	1,5458		8410	130
2017	4	5001	500104	1	10		11	1,4829		20501	304
2017	4	52835		1	10		19	0,4349		29200	127
2017	4	73449		1	10		19	0,7163		23872	171
2017	4	41551		1	10		19	1,0729		43712	469
2017	4	54498		1	10		19	0,6758		23233	157
2017	4	20400		1	10		19	0,427		14050	60
2017	4	66170		1	10		19	0,7478		60708	454
2017	4	44560		1	10		19	0,7937		2268	18
2017	4	20011		1	10		19	0,3554		19134	68
2017	4	17380		1	10		19	1,0476		23769	249
2017	4	54405		1	10		19	0,3756		19434	73
2017	4	44430		1	10		19	0,272		12131	33
2017	4	50568		1	10		19	0,6417		10129	65
2017	4	54874		1	10		19	1,5628		13629	213
2017	4	85410		1	10		19	1,6601		8915	148
2017	4	52356		1	10		19	0,895		19999	179
2017	4	50006		1	10		19	1,2172		32123	391
2017	4	44847		1	10		19	1,317		6378	84
2017	4	99001		2	10		19		2,1959		
2017	4	91001		2	10		19		5,181		
2017	4	73268		1	10		19	0,6229		25204	157
2017	4	94001		2	10		19		2,3825		
2017	4	97001		2	10		19		0,5017		
2017	4	23001		1	11		9	0,5414		166611	902
2017	4	54001	5400106	1	11		10	0,9645		27165	262
2017	4	54001	5400101	1	11		10	0,2512		55740	140
2017	4	54001	5400104	1	11		10	0,7695		12995	100
2017	4	54001	5400110	1	11		10	0,7623		8658	66
2017	4	54001	5400108	1	11		10	0,5468		20847	114
2017	4	54001	5400105	1	11		10	0,5194		29458	153
2017	4	54001	5400103	1	11		10	1,0874		11495	125
2017	4	54001	5400107	1	11		10	0,6009		18473	111
2017	4	54001	5400109	1	11		10	0,6914		13884	96
2017	4	54001	5400102	1	11		10	0,6207		27068	168
2017	4	97001		2	11		10		0,2548		
2017	4	5001	500102	1	11		10	1,4435		13578	196
2017	4	5001	500109	1	11		10	1,561		17361	271
2017	4	5001	500110	1	11		10	0,948		148201	1405
2017	4	5001	500108	1	11		10	1,6959		15567	264
2017	4	5001	500106	1	11		10	1,4362		13160	189
2017	4	5001	500111	1	11		10	0,8641		61222	529
2017	4	8001	800105	1	11		10	0,3351		38203	128
2017	4	8001	800103	1	11		10	0,962		41788	402
2017	4	8001	800102	1	11		10	0,6608		18009	119
2017	4	8001	800101	1	11		10	0,9294		33140	308
2017	4	8001	800104	1	11		10	0,4753		136975	651
2017	4	68001	6800111	1	11		10	0,3969		5039	20
2017	4	68001	6800117	1	11		10	1,3063		3062	40
2017	4	68001	6800101	1	11		10	0,6443		6053	39
2017	4	68001	6800115	1	11		10	0,4387		14361	63
2017	4	68001	6800113	1	11		10	0,6902		29990	207
2017	4	68001	6800110	1	11		10	1,1897		9498	113
2017	4	68001	6800104	1	11		10	0,4837		13024	63
2017	4	68001	6800107	1	11		10	0,7787		2440	19
2017	4	68001	6800106	1	11		10	0,4845		13003	63
2017	4	68001	6800105	1	11		10	1,1281		6914	78
2017	4	68001	6800103	1	11		10	0,3922		18102	71
2017	4	68001	6800108	1	11		10	0,6071		2965	18
2017	4	68001	6800116	1	11		10	1,0458		6120	64
2017	4	68001	6800112	1	11		10	0,5308		28827	153
2017	4	11001	1100107	1	11		10	1,1414		135361	1545
2017	4	11001	1100111	1	11		10	0,8766		371775	3259
2017	4	11001	1100105	1	11		10	0,7486		61712	462
2017	4	11001	1100108	1	11		10	1,2163		367431	4469
2017	4	11001	1100101	1	11		10	0,9056		306204	2773
2017	4	11001	1100110	1	11		10	0,6633		286012	1897
2017	4	11001	1100109	1	11		10	1,0095		231003	2332
2017	4	11001	1100114	1	11		10	0,6432		136973	881
2017	4	11001	1100103	1	11		10	0,7171		116021	832
2017	4	11001	1100102	1	11		10	0,4291		253091	1086
2017	4	11001	1100117	1	11		10	0,6727		36567	246
2017	4	11001	1100106	1	11		10	1,2034		66979	806
2017	4	11001	1100113	1	11		10	0,7295		168875	1232
2017	4	11001	1100118	1	11		10	1,0211		104493	1067
2017	4	11001	1100116	1	11		10	0,5347		206478	1104
2017	4	11001	1100104	1	11		10	1,4725		76265	1123



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	11001	1100115	1	11	10		0,9542		57535	549
2017	4	11001	1100112	1	11	10		0,6566		152294	1000
2017	4	11001	1100119	1	11	10		1,1332		111282	1261
2017	4	5376		1	11		10	0,6542		14674	96
2017	4	15572		1	11		10	0,8904		14825	132
2017	4	5088		1	11		10	1,5218		65516	997
2017	4	5837		1	11		10	1,2909		26802	346
2017	4	25799		1	11		10	0,869		8746	76
2017	4	5615		1	11		10	0,4234		69441	294
2017	4	5129		1	11		10	0,8915		16713	149
2017	4	25286		1	11		10	1,2622		40325	509
2017	4	25473		1	11		10	1,1419		35116	401
2017	4	5308		1	11		10	1,8852		14110	266
2017	4	8573		1	11		10	0,3607		11645	42
2017	4	25175		1	11		10	0,7629		60691	463
2017	4	5360		1	11		10	1,1068		63244	700
2017	4	25758		1	11		10	1,0047		17915	180
2017	4	25307		1	11		10	0,9858		46052	454
2017	4	25377		1	11		10	0,7762		13270	103
2017	4	68081		1	11		10	0,5583		63768	356
2017	4	15238		1	11		10	0,2687		75174	202
2017	4	25430		1	11		10	1,3421		32487	436
2017	4	76111		1	11		10	0,2082		19696	41
2017	4	5045		1	11		10	0,7328		37116	272
2017	4	5631		1	11		10	0,9995		27213	272
2017	4	68679		1	11		10	0,4192		18128	76
2017	4	25214		1	11		10	0,9667		31654	306
2017	4	50001	5000101	1	11	10		0,5069		20518	104
2017	4	50001	5000102	1	11	10		0,2658		59444	158
2017	4	50001	5000103	1	11	10		0,3615		27106	98
2017	4	50001	5000104	1	11	10		0,4444		24525	109
2017	4	50001	5000105	1	11	10		0,469		50747	238
2017	4	50001	5000106	1	11	10		0,1513		11233	17
2017	4	50001	5000107	1	11	10		0,4422		38445	170
2017	4	50001	5000108	1	11	10		0,5353		19427	104
2017	4	73001	7300101	1	11	10		0,2116		29297	62
2017	4	73001	7300102	1	11	10		0,7692		3120	24
2017	4	73001	7300103	1	11	10		0,3009		11632	35
2017	4	73001	7300104	1	11	10		0,3737		15251	57
2017	4	73001	7300105	1	11	10		0,4365		16496	72
2017	4	73001	7300106	1	11	10		0,4888		6137	30
2017	4	73001	7300107	1	11	10		1,1388		14840	169
2017	4	73001	7300108	1	11	10		1,0071		12213	123
2017	4	73001	7300109	1	11	10		2,604		26459	689
2017	4	73001	7300110	1	11	10		0,2838		27130	77
2017	4	73001	7300111	1	11	10		0,2394		4594	11
2017	4	73001	7300112	1	11	10		0,2353		7650	18
2017	4	73001	7300113	1	11	10		1,0358		4055	42
2017	4	13001	1300102	1	11	10		0,8598		56641	487
2017	4	13001	1300103	1	11	10		1,3429		72011	967
2017	4	13001	1300101	1	11	10		0,5338		131519	702
2017	4	5001	500116	1	11	10		0,9754		53208	519
2017	4	5001	500101	1	11	10		1,337		4338	58
2017	4	5001	500107	1	11	10		2,0513		29006	595
2017	4	5001	500104	1	11	10		1,5388		19561	301
2017	4	5001	500105	1	11	10		1,4765		33119	489
2017	4	5001	500115	1	11	10		0,9008		44849	404
2017	4	5001	500103	1	11	10		1,3586		7876	107
2017	4	5001	500114	1	11	10		0,7094		100927	716
2017	4	5001	500112	1	11	10		0,7482		22856	171
2017	4	5001	500113	1	11	10		1,0982		17938	197
2017	4	8001		1	11	10		0,5974		270690	1617
2017	4	19001		1	11	10		0,3354		134773	452
2017	4	47001		1	11	10		0,4544		97928	445
2017	4	52001		1	11	10		0,6554		106497	698
2017	4	20001		1	11	10		0,223		95067	212
2017	4	5001		1	11	10		1,081		623319	6738
2017	4	11001		1	11	10		0,8602		3246351	27924
2017	4	17001		1	11	10		0,4862		165151	803
2017	4	54001		1	11	10		0,6051		229222	1387
2017	4	81001		1	11	10		0,3576		18737	67
2017	4	18001		1	11	10		0,414		87188	361
2017	4	86001		2	11	10		0,5414		22719	123
2017	4	13001		1	11	10		0,8287		260171	2156
2017	4	15001		1	11	10		0,3718		122364	455
2017	4	85001		1	11	10		0,6822		113756	776
2017	4	70001		1	11	10		0,3423		74794	256
2017	4	88001		2	11	10		0,3094		10021	31
2017	4	50001		1	11	10		0,4643		276535	1284



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	41001		1	11		10		0,3785	130247	493
2017	4	27001		2	11		10		0,7377	74009	546
2017	4	66001		1	11		10		0,3806	202856	772
2017	4	68001		1	11		10		0,6427	161361	1037
2017	4	73001		1	11		10		0,7945	182501	1450
2017	4	44001		1	11		10		0,3505	26818	94
2017	4	68307		1	11			10	0,5329	33776	180
2017	4	15491		1	11			10	1,0384	6067	63
2017	4	25817		1	11			10	0,4156	13715	57
2017	4	5380		1	11			10	0,9466	15951	151
2017	4	5607		1	11			10	0,5248	7431	39
2017	4	68276		1	11			10	0,8938	50906	455
2017	4	25754		1	11			10	0,8411	125190	1053
2017	4	5318		1	11			10	0,6703	14322	96
2017	4	25290		1	11			10	1,2862	57068	734
2017	4	25126		1	11			10	0,9675	31420	304
2017	4	5266		1	11			10	1,1678	56176	656
2017	4	25899		1	11			10	0,8341	48558	405
2017	4	25269		1	11			10	0,6727	47568	320
2017	4	76834		1	11			10	0,4817	32591	157
2017	4	76109		1	11			10	0,3887	56855	221
2017	4	68547		1	11			10	0,8017	25821	207
2017	4	15759		1	11			10	0,4106	80365	330
2017	4	76147		1	11			10	0,3735	38019	142
2017	4	8758		1	11			10	1,375	49092	675
2017	4	76520		1	11			10	0,6874	60226	414
2017	4	76892		1	11			10	0,3755	45534	171
2017	4	5212		1	11			10	1,5327	16376	251
2017	4	76130		1	11			10	0,7208	15400	111
2017	4	76364		1	11			10	0,5541	25264	140
2017	4	76001	7600121	1	11		11		0,5028	4574	23
2017	4	76001	7600122	1	11		11		1,0364	19008	197
2017	4	76001		1	11		11		0,5367	498936	2678
2017	4	63001		1	11		11		0,6311	114725	724
2017	4	76001	7600120	1	11		11		1,1127	2786	31
2017	4	76001	7600119	1	11		11		0,7094	58076	412
2017	4	76001	7600118	1	11		11		0,9064	16660	151
2017	4	76001	7600117	1	11		11		0,6386	52460	335
2017	4	76001	7600116	1	11		11		0,6374	11452	73
2017	4	76001	7600115	1	11		11		0,5468	7498	41
2017	4	76001	7600114	1	11		11		0,676	15385	104
2017	4	76001	7600113	1	11		11		0,6683	15563	104
2017	4	76001	7600112	1	11		11		0,6078	3784	23
2017	4	76001	7600111	1	11		11		0,5891	12221	72
2017	4	76001	7600110	1	11		11		0,4239	22174	94
2017	4	76001	7600109	1	11		11		0,39	23076	90
2017	4	76001	7600108	1	11		11		0,4184	25813	108
2017	4	76001	7600107	1	11		11		0,4728	8248	39
2017	4	76001	7600106	1	11		11		0,2931	12967	38
2017	4	76001	7600105	1	11		11		0,2222	22954	51
2017	4	76001	7600104	1	11		11		0,1538	22758	35
2017	4	76001	7600103	1	11		11		0,4655	49411	230
2017	4	76001	7600102	1	11		11		0,3276	75713	248
2017	4	76001	7600101	1	11		11		0,5581	5555	31
2017	4	99001		2	11		18			2,6609	
2017	4	73268		1	11			19	0,7161	24718	177
2017	4	44560		1	11			19	0,8396	2263	19
2017	4	20011		1	11			19	0,5524	17016	94
2017	4	17380		1	11			19	0,9662	22458	217
2017	4	54405		1	11			19	0,348	18678	65
2017	4	44430		1	11			19	0,2585	11992	31
2017	4	41551		1	11			19	1,0756	41652	448
2017	4	95001		2	11		19		0,2305	13013	30
2017	4	73449		1	11			19	0,8283	26077	216
2017	4	50568		1	11			19	0,778	11439	89
2017	4	54874		1	11			19	1,3501	13555	183
2017	4	85410		1	11			19	1,8677	8192	153
2017	4	50006		1	11			19	1,1615	33406	388
2017	4	44847		1	11			19	0,4408	5899	26
2017	4	20400		1	11			19	0,4736	13937	66
2017	4	66170		1	11			19	0,5284	58857	311
2017	4	94001		2	11		19			1,4	
2017	4	54498		1	11			19	0,7766	22664	176
2017	4	91001		2	11		19			3,9042	
2017	4	52356		1	11			20	0,9273	14990	139
2017	4	52835		1	11			20	0,6633	23520	156
2017	4	70001		1	12		9		0,2365	74431	176
2017	4	99001		2	12		9			1,7422	
2017	4	76001	7600121	1	12		10		0,5392	4822	26



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	76001	7600122	1	12	10		1,298		18567	241
2017	4	54001	5400106	1	12	10		0,6798		27363	186
2017	4	54001	5400101	1	12	10		0,2303		51668	119
2017	4	54001	5400104	1	12	10		0,6472		13134	85
2017	4	54001	5400110	1	12	10		0,6527		8426	55
2017	4	54001	5400108	1	12	10		0,5614		20662	116
2017	4	54001	5400105	1	12	10		0,4815		27827	134
2017	4	54001	5400103	1	12	10		1,1184		11713	131
2017	4	54001	5400107	1	12	10		0,5897		18993	112
2017	4	54001	5400109	1	12	10		0,5869		13632	80
2017	4	54001	5400102	1	12	10		0,5039		24210	122
2017	4	8001	800105	1	12	10		0,2457		36632	90
2017	4	8001	800103	1	12	10		0,4221		40279	170
2017	4	8001	800102	1	12	10		0,6208		19008	118
2017	4	8001	800101	1	12	10		0,7981		30073	240
2017	4	8001	800104	1	12	10		0,3754		129714	487
2017	4	68001	6800111	1	12	10		0,5122		5076	26
2017	4	68001	6800117	1	12	10		1,0533		3228	34
2017	4	68001	6800101	1	12	10		0,6303		6505	41
2017	4	68001	6800115	1	12	10		0,4969		12075	60
2017	4	68001	6800113	1	12	10		0,594		28619	170
2017	4	68001	6800110	1	12	10		1,1999		9834	118
2017	4	68001	6800104	1	12	10		0,3766		11419	43
2017	4	68001	6800107	1	12	10		0,819		2442	20
2017	4	68001	6800106	1	12	10		0,4165		12246	51
2017	4	68001	6800105	1	12	10		1,1432		6998	80
2017	4	68001	6800103	1	12	10		0,4743		17500	83
2017	4	68001	6800108	1	12	10		0,7206		3192	23
2017	4	68001	6800116	1	12	10		0,8314		6375	53
2017	4	68001	6800112	1	12	10		0,5877		26716	157
2017	4	11001	1100107	1	12	10		1,1031		138065	1523
2017	4	11001	1100111	1	12	10		0,7921		367496	2911
2017	4	11001	1100105	1	12	10		0,7836		63681	499
2017	4	11001	1100108	1	12	10		1,227		368298	4519
2017	4	11001	1100101	1	12	10		0,9348		291175	2722
2017	4	11001	1100110	1	12	10		0,6704		283848	1903
2017	4	11001	1100109	1	12	10		0,9239		225780	2086
2017	4	11001	1100114	1	12	10		0,7768		129627	1007
2017	4	11001	1100103	1	12	10		0,7063		116091	820
2017	4	11001	1100102	1	12	10		0,3975		229168	911
2017	4	11001	1100117	1	12	10		1,0395		33767	351
2017	4	11001	1100106	1	12	10		1,3309		65747	875
2017	4	11001	1100113	1	12	10		0,6398		152241	974
2017	4	11001	1100118	1	12	10		0,9855		104417	1029
2017	4	11001	1100116	1	12	10		0,5655		201770	1141
2017	4	11001	1100104	1	12	10		1,5945		76701	1223
2017	4	11001	1100115	1	12	10		0,9943		54913	546
2017	4	11001	1100112	1	12	10		0,5957		141019	840
2017	4	11001	1100119	1	12	10		1,1427		112716	1288
2017	4	76001	7600101	1	12	10		0,5561		5934	33
2017	4	76001	7600102	1	12	10		0,3429		75531	259
2017	4	76001	7600103	1	12	10		0,5844		46885	274
2017	4	76001	7600104	1	12	10		0,1728		21987	38
2017	4	76001	7600105	1	12	10		0,2705		22918	62
2017	4	76001	7600106	1	12	10		0,2864		13268	38
2017	4	76001	7600107	1	12	10		0,3969		8062	32
2017	4	76001	7600108	1	12	10		0,3036		26347	80
2017	4	76001	7600109	1	12	10		0,3618		22113	80
2017	4	76001	7600110	1	12	10		0,4862		22828	111
2017	4	76001	7600111	1	12	10		0,6689		12110	81
2017	4	76001	7600112	1	12	10		0,2423		4127	10
2017	4	76001	7600113	1	12	10		0,5685		15830	90
2017	4	76001	7600114	1	12	10		0,6004		15657	94
2017	4	76001	7600115	1	12	10		0,6069		7579	46
2017	4	76001	7600116	1	12	10		0,7611		11431	87
2017	4	76001	7600117	1	12	10		0,667		52324	349
2017	4	76001	7600118	1	12	10		0,834		16907	141
2017	4	76001	7600119	1	12	10		0,6154		57360	353
2017	4	76001	7600120	1	12	10		0,8097		3458	28
2017	4	5376		1	12		10	0,4864		14596	71
2017	4	15572		1	12		10	1,0243		14840	152
2017	4	5088		1	12		10	1,4403		63113	909
2017	4	5837		1	12		10	0,9204		26835	247
2017	4	25799		1	12		10	0,8912		8303	74
2017	4	5615		1	12		10	0,4591		69271	318
2017	4	5129		1	12		10	0,8433		16721	141
2017	4	50006		1	12		10	1,0178		37926	386
2017	4	25286		1	12		10	1,1234		39967	449
2017	4	25473		1	12		10	1,0241		33883	347



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5308		1	12		10	0,8313		14194	118
2017	4	8573		1	12		10	0,2889		11078	32
2017	4	25175		1	12		10	0,7666		59483	456
2017	4	54874		1	12		10	1,1425		14879	170
2017	4	50568		1	12		10	0,7917		10105	80
2017	4	5360		1	12		10	1,1504		60416	695
2017	4	25758		1	12		10	1,0053		17408	175
2017	4	25307		1	12		10	0,8358		48575	406
2017	4	25377		1	12		10	0,6957		13512	94
2017	4	68081		1	12		10	0,4773		62434	298
2017	4	15238		1	12		10	0,3393		77502	263
2017	4	25430		1	12		10	1,063		32266	343
2017	4	76111		1	12		10	0,2625		19425	51
2017	4	5045		1	12		10	0,696		37786	263
2017	4	5631		1	12		10	0,9121		25545	233
2017	4	68679		1	12		10	0,4042		20042	81
2017	4	25214		1	12		10	0,9816		30257	297
2017	4	50001	5000101	1	12		10	0,4257		18321	78
2017	4	50001	5000102	1	12		10	0,2866		55124	158
2017	4	50001	5000103	1	12		10	0,2582		26335	68
2017	4	50001	5000104	1	12		10	0,3773		24911	94
2017	4	50001	5000105	1	12		10	0,3068		51167	157
2017	4	50001	5000106	1	12		10	0,1324		10573	14
2017	4	50001	5000107	1	12		10	0,4342		38922	169
2017	4	50001	5000108	1	12		10	0,4943		19624	97
2017	4	73001	7300101	1	12		10	0,2371		28681	68
2017	4	73001	7300102	1	12		10	0,5066		3158	16
2017	4	73001	7300103	1	12		10	0,277		11551	32
2017	4	73001	7300104	1	12		10	0,3844		15349	59
2017	4	73001	7300105	1	12		10	0,921		16178	149
2017	4	73001	7300106	1	12		10	0,6425		6226	40
2017	4	73001	7300107	1	12		10	1,0686		15067	161
2017	4	73001	7300108	1	12		10	1,0459		12334	129
2017	4	73001	7300109	1	12		10	2,6881		27492	739
2017	4	73001	7300110	1	12		10	0,2371		27417	65
2017	4	73001	7300111	1	12		10	0,1321		4541	6
2017	4	73001	7300112	1	12		10	0,169		7099	12
2017	4	73001	7300113	1	12		10	0,8947		4247	38
2017	4	13001	1300102	1	12		10	0,5314		58716	312
2017	4	13001	1300103	1	12		10	0,5408		68597	371
2017	4	13001	1300101	1	12		10	0,479		126725	607
2017	4	11001		1	12		10	0,8607		3156520	27168
2017	4	47001		1	12		10	0,4367		99159	433
2017	4	68001		1	12		10	0,6347		154237	979
2017	4	27001		2	12		10	0,6321		73085	462
2017	4	81001		1	12		10	0,3058		17987	55
2017	4	88001		2	12		10	0,3497		10866	38
2017	4	44001		1	12		10	0,3483		26703	93
2017	4	17001		1	12		10	0,4532		163940	743
2017	4	19001		1	12		10	0,2974		134825	401
2017	4	20001		1	12		10	0,2486		90104	224
2017	4	50001		1	12		10	0,4319		270184	1167
2017	4	23001		1	12		10	0,6566		176060	1156
2017	4	54001		1	12		10	0,5563		220931	1229
2017	4	15001		1	12		10	0,3513		117845	414
2017	4	95001		2	12		10	0,2271		14970	34
2017	4	52001		1	12		10	0,6587		110059	725
2017	4	8001		1	12		10	0,438		258238	1131
2017	4	85001		1	12		10	0,5839		112687	658
2017	4	13001		1	12		10	0,5078		254038	1290
2017	4	73001		1	12		10	0,8512		183036	1558
2017	4	76001		1	12		10	0,5367		497270	2669
2017	4	18001		1	12		10	0,4371		83954	367
2017	4	41001		1	12		10	0,3778		126532	478
2017	4	86001		2	12		10	0,7372		23332	172
2017	4	68307		1	12		10	0,5249		31243	164
2017	4	15491		1	12		10	0,7255		5651	41
2017	4	25817		1	12		10	0,452		13274	60
2017	4	5380		1	12		10	0,9262		15979	148
2017	4	5607		1	12		10	0,3689		7591	28
2017	4	68276		1	12		10	1,396		51289	716
2017	4	54405		1	12		10	0,4606		20410	94
2017	4	25754		1	12		10	0,7995		126075	1008
2017	4	17380		1	12		10	0,7201		24440	176
2017	4	5318		1	12		10	0,609		13630	83
2017	4	25290		1	12		10	1,2292		59796	735
2017	4	66170		1	12		10	0,4252		63977	272
2017	4	25126		1	12		10	1,0331		30975	320
2017	4	5266		1	12		10	1,1689		53811	629



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	25899		1	12		10	0,7537		47366	357
2017	4	54498		1	12		10	0,6387		26929	172
2017	4	25269		1	12		10	0,5966		49283	294
2017	4	76834		1	12		10	0,5432		32402	176
2017	4	76109		1	12		10	0,3802		55236	210
2017	4	68547		1	12		10	1,0689		26007	278
2017	4	41551		1	12		10	0,6452		47891	309
2017	4	15759		1	12		10	0,3244		81696	265
2017	4	76147		1	12		10	0,3792		36394	138
2017	4	8758		1	12		10	0,8246		47661	393
2017	4	76520		1	12		10	0,6333		59999	380
2017	4	76892		1	12		10	0,3955		45517	180
2017	4	5212		1	12		10	1,6337		15548	254
2017	4	76130		1	12		10	0,8239		16264	134
2017	4	76364		1	12		10	0,5554		25569	142
2017	4	5001	500112	1	12	11		0,8203		22796	187
2017	4	5001	500103	1	12	11		1,5851		8517	135
2017	4	5001		1	12	11		1,1444		632295	7236
2017	4	5001	500102	1	12	11		1,6338		13894	227
2017	4	5001	500109	1	12	11		1,6919		17377	294
2017	4	5001	500110	1	12	11		1,0704		153404	1642
2017	4	5001	500108	1	12	11		1,7662		15400	272
2017	4	5001	500106	1	12	11		1,4995		13871	208
2017	4	5001	500111	1	12	11		0,8755		64536	565
2017	4	66001		1	12	11		0,4056		211061	856
2017	4	5001	500113	1	12	11		1,1691		18305	214
2017	4	63001		1	12	11		0,662		112086	742
2017	4	5001	500116	1	12	11		1,1409		53815	614
2017	4	5001	500101	1	12	11		1,3255		4451	59
2017	4	5001	500107	1	12	11		1,958		28549	559
2017	4	5001	500104	1	12	11		1,5994		19882	318
2017	4	5001	500105	1	12	11		1,5252		33176	506
2017	4	5001	500115	1	12	11		0,8798		45805	403
2017	4	5001	500114	1	12	11		0,7867		97751	769
2017	4	85410		1	12		18	1,4784		8455	125
2017	4	94001		2	12		18		0,7261		
2017	4	91001		2	12		18		4,0675		
2017	4	44847		1	12		19	0,3361		5356	18
2017	4	73268		1	12		19	0,6702		25813	173
2017	4	97001		2	12	19			0		
2017	4	44430		1	12		19	0,276		11596	32
2017	4	52356		1	12		19	0,928		20150	187
2017	4	44560		1	12		19	0,6095		2297	14
2017	4	20400		1	12		19	0,5194		13669	71
2017	4	52835		1	12		19	0,5178		25878	134
2017	4	73449		1	12		19	0,9077		28422	258
2017	4	20011		1	12		19	0,3522		17319	61
2017	4	23001		1	13	9		0,6951		105014	730
2017	4	86001		2	13	9		0,3929		15782	62
2017	4	54001	5400106	1	13	10		0,9601		19582	188
2017	4	54001	5400101	1	13	10		0,2323		14639	34
2017	4	54001	5400104	1	13	10		0,5542		10105	56
2017	4	54001	5400110	1	13	10		0,6669		6598	44
2017	4	54001	5400108	1	13	10		0,713		21037	150
2017	4	54001	5400105	1	13	10		0,5207		14789	77
2017	4	54001	5400103	1	13	10		0,6426		9026	58
2017	4	54001	5400107	1	13	10		0,542		17713	96
2017	4	54001	5400109	1	13	10		0,7927		12111	96
2017	4	54001	5400102	1	13	10		0,5986		10858	65
2017	4	8001	800105	1	13	10		0,3269		16211	53
2017	4	8001	800103	1	13	10		0,5472		24122	132
2017	4	8001	800102	1	13	10		0,5133		15586	80
2017	4	8001	800101	1	13	10		0,5654		23171	131
2017	4	8001	800104	1	13	10		0,3927		39214	154
2017	4	68001	6800111	1	13	10		0,3182		3143	10
2017	4	68001	6800117	1	13	10		1,2329		3001	37
2017	4	68001	6800101	1	13	10		0,647		5564	36
2017	4	68001	6800115	1	13	10		0,5349		3739	20
2017	4	68001	6800113	1	13	10		0,5872		12602	74
2017	4	68001	6800110	1	13	10		0,8808		7266	64
2017	4	68001	6800104	1	13	10		1,0838		3783	41
2017	4	68001	6800107	1	13	10		0,6211		1610	10
2017	4	68001	6800106	1	13	10		0,4364		5499	24
2017	4	68001	6800105	1	13	10		1,5245		5051	77
2017	4	68001	6800103	1	13	10		0,5565		10063	56
2017	4	68001	6800108	1	13	10		0,8468		2480	21
2017	4	68001	6800116	1	13	10		1,1171		4297	48
2017	4	68001	6800112	1	13	10		0,9022		7759	70
2017	4	11001	1100107	1	13	10		0,9757		133856	1306



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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	4	11001	1100111	1	13		10	0,7651		233705	1788
2017	4	11001	1100105	1	13		10	0,784		63905	501
2017	4	11001	1100108	1	13		10	0,8678		263887	2290
2017	4	11001	1100101	1	13		10	0,8556		125528	1074
2017	4	11001	1100110	1	13		10	0,6197		174919	1084
2017	4	11001	1100109	1	13		10	0,7785		103015	802
2017	4	11001	1100114	1	13		10	0,5979		38801	232
2017	4	11001	1100103	1	13		10	1,2125		33402	405
2017	4	11001	1100102	1	13		10	0,4896		44938	220
2017	4	11001	1100117	1	13		10	1,1648		10560	123
2017	4	11001	1100106	1	13		10	1,1956		48596	581
2017	4	11001	1100113	1	13		10	0,5164		43183	223
2017	4	11001	1100118	1	13		10	1,0477		80370	842
2017	4	11001	1100116	1	13		10	0,5996		75386	452
2017	4	11001	1100104	1	13		10	1,4339		71621	1027
2017	4	11001	1100115	1	13		10	0,9149		25905	237
2017	4	11001	1100112	1	13		10	0,3794		44275	168
2017	4	11001	1100119	1	13		10	1,1478		105770	1214
2017	4	15572		1	13		10	0,9043		11943	108
2017	4	25799		1	13		10	0,7252		4964	36
2017	4	25286		1	13		10	1,1588		19935	231
2017	4	25473		1	13		10	0,8997		22340	201
2017	4	8573		1	13		10	0,3597		7229	26
2017	4	25175		1	13		10	0,631		36452	230
2017	4	54874		1	13		10	1,1343		12431	141
2017	4	25758		1	13		10	1,1092		10728	119
2017	4	25307		1	13		10	1,2533		40452	507
2017	4	25377		1	13		10	0,5398		9077	49
2017	4	68081		1	13		10	0,4747		42763	203
2017	4	15238		1	13		10	0,376		53722	202
2017	4	25430		1	13		10	1,0427		23305	243
2017	4	76111		1	13		10	0,3634		18162	66
2017	4	68679		1	13		10	0,2349		14049	33
2017	4	25214		1	13		10	0,982		11202	110
2017	4	50001	5000101	1	13		10	0,5526		12667	70
2017	4	50001	5000102	1	13		10	0,2763		18817	52
2017	4	50001	5000103	1	13		10	0,241		15350	37
2017	4	50001	5000104	1	13		10	0,7013		21674	152
2017	4	50001	5000105	1	13		10	0,4837		41346	200
2017	4	50001	5000106	1	13		10	0,0436		6882	3
2017	4	50001	5000107	1	13		10	0,3851		27269	105
2017	4	50001	5000108	1	13		10	0,4196		17874	75
2017	4	73001	7300101	1	13		10	0,3591		14758	53
2017	4	73001	7300102	1	13		10	0,3664		2729	10
2017	4	73001	7300103	1	13		10	0,2075		6264	13
2017	4	73001	7300104	1	13		10	0,2133		9845	21
2017	4	73001	7300105	1	13		10	0,4669		12422	58
2017	4	73001	7300106	1	13		10	0,5212		5756	30
2017	4	73001	7300107	1	13		10	1,0187		14528	148
2017	4	73001	7300108	1	13		10	1,1475		11329	130
2017	4	73001	7300109	1	13		10	2,4004		19247	462
2017	4	73001	7300110	1	13		10	0,2131		15487	33
2017	4	73001	7300111	1	13		10	0,2878		4517	13
2017	4	73001	7300112	1	13		10	0,2159		6949	15
2017	4	73001	7300113	1	13		10	0,7493		4404	33
2017	4	13001	1300102	1	13		10	0,425		48939	208
2017	4	13001	1300103	1	13		10	0,658		48477	319
2017	4	13001	1300101	1	13		10	0,4342		74154	322
2017	4	68001		1	13		10	0,7813		77693	607
2017	4	11001		1	13		10	0,8462		1721622	14569
2017	4	20001		1	13		10	0,2857		57754	165
2017	4	13001		1	13		10	0,4948		171570	849
2017	4	47001		1	13		10	0,5047		72722	367
2017	4	54001		1	13		10	0,6686		139092	930
2017	4	52001		1	13		10	0,5891		69263	408
2017	4	41001		1	13		10	0,3998		82042	328
2017	4	85001		1	13		10	0,8877		72323	642
2017	4	27001		2	13		10	0,6712		53637	360
2017	4	44001		1	13		10	0,4553		21084	96
2017	4	70001		1	13		10	0,2761		47445	131
2017	4	8001		1	13		10	0,47		120217	565
2017	4	15001		1	13		10	0,3663		82730	303
2017	4	50001		1	13		10	0,5549		186157	1033
2017	4	63001		1	13		10	0,6904		73290	506
2017	4	73001		1	13		10	0,8069		130877	1056
2017	4	68307		1	13		10	0,6756		20575	139
2017	4	15491		1	13		10	0,8646		3817	33
2017	4	25817		1	13		10	0,4737		8445	40
2017	4	68276		1	13		10	0,7682		37488	288



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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	4	54405		1	13		10	0,4089		16873	69
2017	4	25754		1	13		10	0,982		117521	1154
2017	4	25290		1	13		10	1,7929		55051	987
2017	4	66170		1	13		10	0,4583		45818	210
2017	4	25126		1	13		10	0,937		19957	187
2017	4	25899		1	13		10	0,9404		34347	323
2017	4	54498		1	13		10	0,6236		19883	124
2017	4	25269		1	13		10	0,6092		39558	241
2017	4	76834		1	13		10	0,693		24387	169
2017	4	76109		1	13		10	0,5595		39143	219
2017	4	68547		1	13		10	1,1571		20655	239
2017	4	15759		1	13		10	0,5139		54676	281
2017	4	76147		1	13		10	0,3601		28329	102
2017	4	8758		1	13		10	0,3374		40308	136
2017	4	76520		1	13		10	0,6724		40603	273
2017	4	76892		1	13		10	0,6372		21344	136
2017	4	76130		1	13		10	0,8249		12607	104
2017	4	76364		1	13		10	0,5677		20257	115
2017	4	76001	7600121	1	13	11		0,4748		5265	25
2017	4	66001		1	13	11		0,4694		128255	602
2017	4	5001	500102	1	13	11		1,3788		15158	209
2017	4	5001	500109	1	13	11	11	1,4321		15781	226
2017	4	5001	500110	1	13	11	11	1,29		36900	476
2017	4	5001	500108	1	13	11	11	1,7565		14233	250
2017	4	5001	500106	1	13	11	11	1,9983		14212	284
2017	4	5001	500111	1	13	11	11	1,0278		24422	251
2017	4	76001	7600101	1	13	11	11	0,8296		6630	55
2017	4	76001	7600102	1	13	11	11	0,3898		31039	121
2017	4	76001	7600103	1	13	11	11	0,8185		11484	94
2017	4	76001	7600104	1	13	11	11	0,241		8712	21
2017	4	76001	7600105	1	13	11	11	0,2237		16985	38
2017	4	76001	7600106	1	13	11	11	0,2924		12656	37
2017	4	76001	7600107	1	13	11	11	0,5419		7197	39
2017	4	76001	7600108	1	13	11	11	0,2097		15739	33
2017	4	76001	7600109	1	13	11	11	0,3196		8447	27
2017	4	76001	7600110	1	13	11	11	0,4098		14641	60
2017	4	76001	7600111	1	13	11	11	0,5738		10108	58
2017	4	76001	7600112	1	13	11	11	0,3289		3649	12
2017	4	76001	7600113	1	13	11	11	0,5673		15864	90
2017	4	76001	7600114	1	13	11	11	0,5649		16639	94
2017	4	76001	7600115	1	13	11	11	0,7136		8128	58
2017	4	76001	7600116	1	13	11	11	0,6919		10262	71
2017	4	76001	7600117	1	13	11	11	0,6422		31141	200
2017	4	76001	7600118	1	13	11	11	1,0924		13640	149
2017	4	76001	7600119	1	13	11	11	0,8		24876	199
2017	4	76001	7600120	1	13	11	11	0,521		3647	19
2017	4	5001	500116	1	13	11	11	1,0544		32055	338
2017	4	5001	500101	1	13	11	11	1,3163		5622	74
2017	4	5001	500107	1	13	11	11	1,9103		25912	495
2017	4	5001	500104	1	13	11	11	1,2836		16594	213
2017	4	5001	500105	1	13	11	11	1,5433		24364	376
2017	4	5001	500115	1	13	11	11	1,0087		16655	168
2017	4	5001	500103	1	13	11	11	1,165		9356	109
2017	4	5001	500114	1	13	11	11	0,791		25032	198
2017	4	5001	500112	1	13	11	11	0,7181		13508	97
2017	4	5001	500113	1	13	11	11	1,094		16911	185
2017	4	76001		1	13	11	11	0,5872		295473	1735
2017	4	17001		1	13	11	11	0,4576		103370	473
2017	4	5001		1	13	11	11	1,2737		327797	4175
2017	4	76001	7600122	1	13	11	11	1,3619		8224	112
2017	4	91001		2	13	19			3,8876		
2017	4	73268		1	13		19	0,8228		20660	170
2017	4	94001		2	13	19			0,3842		
2017	4	5376		1	13		19	1,4654		11533	169
2017	4	44847		1	13		19	1,4912		5566	83
2017	4	5088		1	13		19	1,4709		49493	728
2017	4	5837		1	13		19	1,1352		19821	225
2017	4	5615		1	13		19	0,4982		38740	193
2017	4	5129		1	13		19	0,5998		12005	72
2017	4	50006		1	13		19	1,0112		27491	278
2017	4	5308		1	13		19	0,9019		9646	87
2017	4	85410		1	13		19	1,6661		6002	100
2017	4	50568		1	13		19	0,7671		8865	68
2017	4	5360		1	13		19	1,3609		19693	268
2017	4	5045		1	13		19	0,6361		23267	148
2017	4	5631		1	13		19	1,0789		10937	118
2017	4	88001		2	13	19		0,3388		7969	27
2017	4	19001		1	13	19		0,5102		98397	502
2017	4	81001		1	13	19		0,5815		9458	55



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5380		1	13		19	1,0681		6179	66
2017	4	5607		1	13		19	0,2106		5697	12
2017	4	44430		1	13		19	0,3662		9011	33
2017	4	17380		1	13		19	1,0305		19117	197
2017	4	5318		1	13		19	0,6534		11325	74
2017	4	20011		1	13		19	0,2443		12282	30
2017	4	44560		1	13		19	0,4913		2239	11
2017	4	5266		1	13		19	0,9951		23616	235
2017	4	20400		1	13		19	0,5734		10812	62
2017	4	73449		1	13		19	0,7587		27546	209
2017	4	41551		1	13		19	1,0875		31539	343
2017	4	5212		1	13		19	1,3821		10853	150
2017	4	97001		2	13	19			0		
2017	4	99001		2	13	20			2,4096		
2017	4	52356		1	13		20	0,8677		13138	114
2017	4	52835		1	13		20	0,5655		18743	106
2017	4	18001		1	13	20		0,5756		46730	269
2017	4	95001		2	13	20		0,2039		9319	19
2017	4	70001		1	14	9		0,2881		32970	95
2017	4	8001	800105	1	14	10		0,2858		11547	33
2017	4	41001		1	14	10		0,4899		63896	313
2017	4	8001	800102	1	14	10		0,5334		13124	70
2017	4	8001	800101	1	14	10		0,7229		18814	136
2017	4	8001	800104	1	14	10		0,5261		24521	129
2017	4	13001	1300102	1	14	10		0,5992		35381	212
2017	4	13001	1300103	1	14	10		0,6027		36501	220
2017	4	13001	1300101	1	14	10		0,5081		55497	282
2017	4	8001		1	14	10		0,5174		86197	446
2017	4	23001		1	14	10		0,8732		72720	635
2017	4	13001		1	14	10		0,5605		127379	714
2017	4	44001		1	14	10		0,4486		16940	76
2017	4	88001		2	14	10		0,4425		7231	32
2017	4	47001		1	14	10		0,4946		63685	315
2017	4	8001	800103	1	14	10		0,4231		16543	70
2017	4	8758		1	14		11	0,336		30953	104
2017	4	76520		1	14		11	0,7039		32249	227
2017	4	76892		1	14		11	0,75		16000	120
2017	4	76130		1	14		11	0,6515		10438	68
2017	4	76364		1	14		11	0,8437		16712	141
2017	4	76001	7600121	1	14	11		0,5582		4479	25
2017	4	76001	7600122	1	14	11		1,495		6154	92
2017	4	11001	1100107	1	14	11		1,0859		104433	1134
2017	4	11001	1100111	1	14	11		0,7766		177697	1380
2017	4	11001	1100105	1	14	11		0,9288		51250	476
2017	4	11001	1100108	1	14	11		0,6725		179469	1207
2017	4	11001	1100101	1	14	11		0,9413		91473	861
2017	4	11001	1100110	1	14	11		0,6419		132108	848
2017	4	11001	1100109	1	14	11		0,6505		71333	464
2017	4	11001	1100114	1	14	11		1,1468		22411	257
2017	4	11001	1100103	1	14	11		1,7837		29040	518
2017	4	11001	1100102	1	14	11		0,5403		33498	181
2017	4	11001	1100117	1	14	11		1,8288		10991	201
2017	4	11001	1100106	1	14	11		1,076		36339	391
2017	4	11001	1100113	1	14	11		0,6614		32202	213
2017	4	11001	1100118	1	14	11		1,0756		64429	693
2017	4	11001	1100116	1	14	11		0,6703		52363	351
2017	4	11001	1100104	1	14	11		1,3208		58602	774
2017	4	11001	1100115	1	14	11		1,0286		17013	175
2017	4	11001	1100112	1	14	11		0,4268		28113	120
2017	4	11001	1100119	1	14	11		1,3309		86561	1152
2017	4	76001	7600101	1	14	11		1,0131		5133	52
2017	4	76001	7600102	1	14	11		0,4697		20863	98
2017	4	76001	7600103	1	14	11		0,9458		6978	66
2017	4	76001	7600104	1	14	11		0,4186		5973	25
2017	4	76001	7600105	1	14	11		0,2708		12925	35
2017	4	76001	7600106	1	14	11		0,3572		10079	36
2017	4	76001	7600107	1	14	11		0,4611		5855	27
2017	4	76001	7600108	1	14	11		0,2179		11473	25
2017	4	76001	7600109	1	14	11		0,4214		4746	20
2017	4	76001	7600110	1	14	11		0,4555		10099	46
2017	4	76001	7600111	1	14	11		0,5386		7983	43
2017	4	76001	7600112	1	14	11		0,6215		2896	18
2017	4	76001	7600113	1	14	11		0,5781		12454	72
2017	4	76001	7600114	1	14	11		0,6736		13361	90
2017	4	76001	7600115	1	14	11		0,5824		6697	39
2017	4	76001	7600116	1	14	11		0,8178		8070	66
2017	4	76001	7600117	1	14	11		0,8001		22746	182
2017	4	76001	7600118	1	14	11		1,2458		11077	138
2017	4	76001	7600119	1	14	11		1,0276		19755	203



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	76001	7600120	1	14		11	1,2443		2652	33
2017	4	8573		1	14		11	0,4013		6978	28
2017	4	68081		1	14		11	0,5871		32871	193
2017	4	76111		1	14		11	0,425		14824	63
2017	4	68679		1	14		11	0,4142		11106	46
2017	4	50001	5000101	1	14		11	0,618		9224	57
2017	4	50001	5000102	1	14		11	0,5438		13056	71
2017	4	50001	5000103	1	14		11	0,2391		8366	20
2017	4	50001	5000104	1	14		11	0,4578		17039	78
2017	4	50001	5000105	1	14		11	0,404		30447	123
2017	4	50001	5000106	1	14		11	0,208		4326	9
2017	4	50001	5000107	1	14		11	0,4776		19263	92
2017	4	50001	5000108	1	14		11	0,6114		13575	83
2017	4	76001		1	14		11	0,6957		221640	1542
2017	4	63001		1	14		11	1,1157		58976	658
2017	4	50001		1	14		11	0,5756		133785	770
2017	4	11001		1	14		11	0,8908		1279325	11396
2017	4	27001		2	14		11	0,9606		35916	345
2017	4	68307		1	14		11	0,7533		18984	143
2017	4	68276		1	14		11	0,9095		28586	260
2017	4	76834		1	14		11	0,7478		18587	139
2017	4	76109		1	14		11	0,6911		28796	199
2017	4	68547		1	14		11	1,8674		17672	330
2017	4	76147		1	14		11	0,4076		21833	89
2017	4	20001		1	14		13	0,3826		54885	210
2017	4	54001	5400106	1	14		18	1,252		15495	194
2017	4	54001	5400101	1	14		18	0,6386		5637	36
2017	4	54001	5400104	1	14		18	0,5936		7076	42
2017	4	54001	5400110	1	14		18	0,4563		4821	22
2017	4	54001	5400108	1	14		18	0,8167		18121	148
2017	4	54001	5400105	1	14		18	0,6446		9618	62
2017	4	54001	5400103	1	14		18	0,7919		7072	56
2017	4	54001	5400107	1	14		18	0,7342		13893	102
2017	4	54001	5400109	1	14		18	0,7002		8855	62
2017	4	54001	5400102	1	14		18	0,77		7403	57
2017	4	97001		2	14		18		0,6048		
2017	4	5001	500102	1	14		18	1,4822		12819	190
2017	4	5001	500109	1	14		18	1,7021		12103	206
2017	4	5001	500110	1	14		18	1,6767		20457	343
2017	4	5001	500108	1	14		18	1,5601		11281	176
2017	4	5001	500106	1	14		18	1,4027		11906	167
2017	4	5001	500111	1	14		18	1,0993		14827	163
2017	4	5376		1	14		18	1,0865		10584	115
2017	4	5088		1	14		18	1,4266		42199	602
2017	4	5837		1	14		18	1,1314		17765	201
2017	4	25799		1	14		18	1,7588		3184	56
2017	4	5615		1	14		18	0,6082		35678	217
2017	4	5129		1	14		18	0,6761		10205	69
2017	4	25286		1	14		18	1,1621		14199	165
2017	4	25473		1	14		18	0,8852		15138	134
2017	4	5308		1	14		18	0,9041		8406	76
2017	4	85410		1	14		18	1,3084		6420	84
2017	4	25175		1	14		18	0,6585		27487	181
2017	4	54874		1	14		18	0,9167		8727	80
2017	4	5360		1	14		18	1,3326		17035	227
2017	4	25758		1	14		18	1,1899		7732	92
2017	4	25307		1	14		18	1,5126		33188	502
2017	4	25377		1	14		18	0,8665		6463	56
2017	4	25430		1	14		18	1,0097		16935	171
2017	4	5045		1	14		18	0,7709		19199	148
2017	4	5631		1	14		18	0,6824		9525	65
2017	4	25214		1	14		18	1,029		6414	66
2017	4	5001	500116	1	14		18	0,9361		22326	209
2017	4	5001	500101	1	14		18	1,395		4516	63
2017	4	5001	500107	1	14		18	1,8781		20020	376
2017	4	5001	500104	1	14		18	1,6605		13249	220
2017	4	5001	500105	1	14		18	1,5844		17230	273
2017	4	5001	500115	1	14		18	0,9988		9612	96
2017	4	5001	500103	1	14		18	1,2242		8005	98
2017	4	5001	500114	1	14		18	0,9275		18329	170
2017	4	5001	500112	1	14		18	0,9672		9719	94
2017	4	5001	500113	1	14		18	1,1445		13631	156
2017	4	85001		1	14		18	0,7849		53512	420
2017	4	54001		1	14		18	0,837		100598	842
2017	4	17001		1	14		18	0,5512		79106	436
2017	4	86001		2	14		18	0,5444		11755	64
2017	4	5001		1	14		18	1,335		236924	3163
2017	4	25817		1	14		18	0,6772		6350	43
2017	4	5380		1	14		18	0,8112		5547	45



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5607		1	14		18	0,2309		5198	12
2017	4	54405		1	14		18	0,4972		11665	58
2017	4	25754		1	14		18	1,1447		85349	977
2017	4	17380		1	14		18	0,7987		16402	131
2017	4	5318		1	14		18	0,6819		10266	70
2017	4	25290		1	14		18	2,0835		38780	808
2017	4	66170		1	14		18	0,4553		35584	162
2017	4	25126		1	14		18	0,8412		14027	118
2017	4	5266		1	14		18	1,2249		20491	251
2017	4	25899		1	14		18	1,0838		26202	282
2017	4	54498		1	14		18	0,6585		16402	108
2017	4	25269		1	14		18	0,5691		28818	164
2017	4	73449		1	14		18	0,8661		25633	222
2017	4	41551		1	14		18	1,3876		30988	430
2017	4	5212		1	14		18	1,5797		9242	146
2017	4	73268		1	14		18	0,6898		17975	124
2017	4	81001		1	14	19		0,4214		8780	37
2017	4	15238		1	14		19	0,4063		32488	132
2017	4	50568		1	14		19	0,6944		7920	55
2017	4	91001		2	14	19			4,4947		
2017	4	15759		1	14		19	0,7861		31292	246
2017	4	15491		1	14		19	0,6923		3178	22
2017	4	15572		1	14		19	0,8526		8562	73
2017	4	66001		1	14	19		0,4933		104798	517
2017	4	50006		1	14		19	1,3459		22736	306
2017	4	68001	6800106	1	14	20		0,6365		2828	18
2017	4	68001	6800105	1	14	20		2,1864		3842	84
2017	4	68001	6800103	1	14	20		0,3638		5497	20
2017	4	68001	6800108	1	14	20		0,6243		1762	11
2017	4	68001	6800116	1	14	20		0,8996		3557	32
2017	4	68001	6800112	1	14	20		0,7702		4544	35
2017	4	44847		1	14		20	2,7525		4069	112
2017	4	52356		1	14		20	0,8159		10908	89
2017	4	73001	7300101	1	14	20		0,4107		7791	32
2017	4	73001	7300102	1	14	20		0,3341		2095	7
2017	4	73001	7300103	1	14	20		0,5398		2779	15
2017	4	73001	7300104	1	14	20		0,3735		6962	26
2017	4	73001	7300105	1	14	20		0,5721		10487	60
2017	4	73001	7300106	1	14	20		1,0477		4486	47
2017	4	73001	7300107	1	14	20		1,1872		9939	118
2017	4	73001	7300108	1	14	20		0,9736		8217	80
2017	4	73001	7300109	1	14	20		3,2426		11750	381
2017	4	73001	7300110	1	14	20		0,2176		11947	26
2017	4	73001	7300111	1	14	20		0,3169		3787	12
2017	4	73001	7300112	1	14	20		0,2731		5126	14
2017	4	73001	7300113	1	14	20		0,8322		3004	25
2017	4	15001		1	14	20		0,4422		38440	170
2017	4	95001		2	14	20		0,1961		7651	15
2017	4	68001		1	14	20		0,842		47622	401
2017	4	19001		1	14	20		0,4374		76818	336
2017	4	52001		1	14	20		0,6476		44163	286
2017	4	73001		1	14	20		0,9542		89816	857
2017	4	18001		1	14	20		0,7261		39663	288
2017	4	44430		1	14		20	0,4091		7088	29
2017	4	20011		1	14		20	0,4955		10292	51
2017	4	44560		1	14		20	0,4372		1601	7
2017	4	20400		1	14		20	0,7073		8766	62
2017	4	52835		1	14		20	0,585		16409	96
2017	4	68001	6800107	1	14	20		0,5393		1298	7
2017	4	68001	6800104	1	14	20		1,1561		1903	22
2017	4	68001	6800110	1	14	20		1,0515		4850	51
2017	4	68001	6800113	1	14	20		0,6839		7750	53
2017	4	68001	6800115	1	14	20		0,4963		1209	6
2017	4	68001	6800101	1	14	20		0,5294		3778	20
2017	4	68001	6800117	1	14	20		1,2156		1892	23
2017	4	68001	6800111	1	14	20		0,5034		1788	9
2017	4	99001		2	14	20			1,1299		
2017	4	94001		2	14	20			0,7261		
2017	4	54001	5400106	1	15	10		0,8378		22200	186
2017	4	54001	5400101	1	15	10		0,1897		31096	59
2017	4	54001	5400104	1	15	10		0,5378		10599	57
2017	4	54001	5400110	1	15	10		0,635		7716	49
2017	4	54001	5400108	1	15	10		0,5337		20422	109
2017	4	54001	5400105	1	15	10		0,4896		19814	97
2017	4	54001	5400103	1	15	10		0,7042		9798	69
2017	4	54001	5400107	1	15	10		0,3773		17759	67
2017	4	54001	5400109	1	15	10		0,5556		12959	72
2017	4	54001	5400102	1	15	10		0,4526		14362	65
2017	4	99001		2	15	10			1,652		



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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	4	68001	6800111	1	15		10		0,3889	3343	13
2017	4	68001	6800117	1	15		10		1,0173	2949	30
2017	4	68001	6800101	1	15		10		0,6438	5747	37
2017	4	68001	6800115	1	15		10		0,4348	6900	30
2017	4	68001	6800113	1	15		10		0,6244	15854	99
2017	4	68001	6800110	1	15		10		0,9913	7566	75
2017	4	68001	6800104	1	15		10		0,7472	6558	49
2017	4	68001	6800107	1	15		10		0,768	1953	15
2017	4	68001	6800106	1	15		10		0,3394	8251	28
2017	4	68001	6800105	1	15		10		1,5239	5512	84
2017	4	68001	6800103	1	15		10		0,5042	11702	59
2017	4	68001	6800108	1	15		10		0,4425	2712	12
2017	4	68001	6800116	1	15		10		1,0352	4830	50
2017	4	68001	6800112	1	15		10		0,6429	11666	75
2017	4	5376		1	15		10		0,6902	14199	98
2017	4	15572		1	15		10		0,7075	13992	99
2017	4	5088		1	15		10		1,2598	56359	710
2017	4	5837		1	15		10		0,8313	25140	209
2017	4	25799		1	15		10		1,2522	5111	64
2017	4	5615		1	15		10		0,5451	55589	303
2017	4	5129		1	15		10		0,5833	15086	88
2017	4	25286		1	15		10		0,9777	22501	220
2017	4	25473		1	15		10		0,8266	21775	180
2017	4	5308		1	15		10		0,8171	11994	98
2017	4	25175		1	15		10		0,7076	39992	283
2017	4	54874		1	15		10		0,9437	12928	122
2017	4	5360		1	15		10		1,0424	35399	369
2017	4	25758		1	15		10		0,8637	11578	100
2017	4	25307		1	15		10		0,9741	44350	432
2017	4	25377		1	15		10		0,7177	9475	68
2017	4	68081		1	15		10		0,4651	49019	228
2017	4	15238		1	15		10		0,4037	59951	242
2017	4	25430		1	15		10		1,2407	23615	293
2017	4	76111		1	15		10		0,4169	16552	69
2017	4	5045		1	15		10		0,5195	27913	145
2017	4	5631		1	15		10		0,7886	14710	116
2017	4	68679		1	15		10		0,4406	17248	76
2017	4	25214		1	15		10		0,9645	12960	125
2017	4	73001	7300101	1	15		10		0,2503	22373	56
2017	4	73001	7300102	1	15		10		0,17	2941	5
2017	4	73001	7300103	1	15		10		0,3762	8505	32
2017	4	73001	7300104	1	15		10		0,2879	11461	33
2017	4	73001	7300105	1	15		10		0,4562	14685	67
2017	4	73001	7300106	1	15		10		0,294	6122	18
2017	4	73001	7300107	1	15		10		1,0209	15182	155
2017	4	73001	7300108	1	15		10		1,0522	12165	128
2017	4	73001	7300109	1	15		10		2,4074	23552	567
2017	4	73001	7300110	1	15		10		0,1429	18192	26
2017	4	73001	7300111	1	15		10		0,2006	4986	10
2017	4	73001	7300112	1	15		10		0,192	6772	13
2017	4	73001	7300113	1	15		10		0,5108	4111	21
2017	4	13001	1300102	1	15		10		0,4893	44347	217
2017	4	13001	1300103	1	15		10		0,6115	47586	291
2017	4	13001	1300101	1	15		10		0,3969	76589	304
2017	4	13001		1	15		10		0,4818	168522	812
2017	4	47001		1	15		10		0,4554	75315	343
2017	4	15001		1	15		10		0,3276	77830	255
2017	4	44001		1	15		10		0,4215	18979	80
2017	4	68001		1	15		10		0,7004	97084	680
2017	4	41001		1	15		10		0,4308	99574	429
2017	4	86001		2	15		10		0,4359	16518	72
2017	4	73001		1	15		10		0,7554	153962	1163
2017	4	85001		1	15		10		0,7067	79378	561
2017	4	70001		1	15		10		0,335	41494	139
2017	4	52001		1	15		10		0,6557	75801	497
2017	4	54001		1	15		10		0,5214	170110	887
2017	4	18001		1	15		10		0,4399	71838	316
2017	4	19001		1	15		10		0,2866	110945	318
2017	4	81001		1	15		10		0,5951	13780	82
2017	4	20001		1	15		10		0,2295	59261	136
2017	4	23001		1	15		10		0,6208	96809	601
2017	4	68307		1	15		10		0,5681	23058	131
2017	4	15491		1	15		10		0,9409	4464	42
2017	4	25817		1	15		10		0,557	9157	51
2017	4	5380		1	15		10		0,8902	9324	83
2017	4	5607		1	15		10		0,4426	7230	32
2017	4	68276		1	15		10		0,8537	40528	346
2017	4	54405		1	15		10		0,3825	17777	68
2017	4	25754		1	15		10		0,8216	112224	922



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	17380		1	15		10	0,8764		24417	214
2017	4	5318		1	15		10	0,8831		13136	116
2017	4	25290		1	15		10	1,7689		60036	1062
2017	4	66170		1	15		10	0,3926		52982	208
2017	4	25126		1	15		10	0,9319		21355	199
2017	4	5266		1	15		10	1,2778		32869	420
2017	4	25899		1	15		10	0,8646		35856	310
2017	4	54498		1	15		10	0,7717		24362	188
2017	4	25269		1	15		10	0,5815		39036	227
2017	4	76834		1	15		10	0,5246		27832	146
2017	4	76109		1	15		10	0,494		43120	213
2017	4	73449		1	15		10	1,016		28249	287
2017	4	68547		1	15		10	1,0578		22404	237
2017	4	41551		1	15		10	0,8654		44719	387
2017	4	15759		1	15		10	0,5368		59236	318
2017	4	76147		1	15		10	0,3183		34242	109
2017	4	76520		1	15		10	0,6234		46037	287
2017	4	76892		1	15		10	0,5866		25231	148
2017	4	5212		1	15		10	1,411		13182	186
2017	4	76130		1	15		10	0,7352		13057	96
2017	4	76364		1	15		10	0,708		20621	146
2017	4	73268		1	15		10	0,5045		26167	132
2017	4	5001	500104	1	15	11		1,5221		17804	271
2017	4	5001	500105	1	15	11		1,4653		26002	381
2017	4	5001	500115	1	15	11		1,0616		19593	208
2017	4	5001	500103	1	15	11		1,2145		9716	118
2017	4	5001	500114	1	15	11		0,9036		33753	305
2017	4	5001	500112	1	15	11		0,6464		15160	98
2017	4	5001	500113	1	15	11		1,0466		17103	179
2017	4	11001		1	15	11		0,771		1871771	14431
2017	4	88001		2	15	11		0,4403		8403	37
2017	4	17001		1	15	11		0,4385		124971	548
2017	4	76001		1	15	11		0,5655		321104	1816
2017	4	5001		1	15	11		1,1743		397330	4666
2017	4	8001		1	15	11		0,547		132913	727
2017	4	66001		1	15	11		0,465		156333	727
2017	4	63001		1	15	11		0,952		90969	866
2017	4	50001		1	15	11		0,4768		202584	966
2017	4	8758		1	15		11	0,565		35750	202
2017	4	76001	7600121	1	15	11		0,436		4817	21
2017	4	76001	7600122	1	15	11		1,4015		9561	134
2017	4	5001	500102	1	15	11		1,5315		14887	228
2017	4	5001	500109	1	15	11		1,5317		16518	253
2017	4	5001	500110	1	15	11		1,0504		80162	842
2017	4	5001	500108	1	15	11		1,5092		14842	224
2017	4	5001	500106	1	15	11		1,3779		13934	192
2017	4	5001	500111	1	15	11		1,0238		29987	307
2017	4	8001	800105	1	15	11		0,2257		17721	40
2017	4	8001	800103	1	15	11		0,6339		25558	162
2017	4	8001	800102	1	15	11		0,4872		14984	73
2017	4	8001	800101	1	15	11		0,5459		22349	122
2017	4	8001	800104	1	15	11		0,6359		50477	321
2017	4	11001	1100107	1	15	11		0,9955		125971	1254
2017	4	11001	1100111	1	15	11		0,7358		248022	1825
2017	4	11001	1100105	1	15	11		0,8346		59312	495
2017	4	11001	1100108	1	15	11		0,7343		259034	1902
2017	4	11001	1100101	1	15	11		0,8001		142974	1144
2017	4	11001	1100110	1	15	11		0,5707		186084	1062
2017	4	11001	1100109	1	15	11		0,649		114336	742
2017	4	11001	1100114	1	15	11		0,5756		62544	360
2017	4	11001	1100103	1	15	11		0,9689		48405	469
2017	4	11001	1100102	1	15	11		0,4063		62271	253
2017	4	11001	1100117	1	15	11		0,9529		16056	153
2017	4	11001	1100106	1	15	11		1,1167		51223	572
2017	4	11001	1100113	1	15	11		0,5402		55533	300
2017	4	11001	1100118	1	15	11		0,9732		84567	823
2017	4	11001	1100116	1	15	11		0,666		95342	635
2017	4	11001	1100104	1	15	11		1,2993		67035	871
2017	4	11001	1100115	1	15	11		0,8221		34789	286
2017	4	11001	1100112	1	15	11		0,355		58312	207
2017	4	11001	1100119	1	15	11		1,0784		99961	1078
2017	4	76001	7600101	1	15	11		0,5219		5365	28
2017	4	76001	7600102	1	15	11		0,3611		32953	119
2017	4	76001	7600103	1	15	11		0,7345		21648	159
2017	4	76001	7600104	1	15	11		0,2528		11865	30
2017	4	76001	7600105	1	15	11		0,241		17845	43
2017	4	76001	7600106	1	15	11		0,2641		11739	31
2017	4	76001	7600107	1	15	11		0,4307		7198	31
2017	4	76001	7600108	1	15	11		0,3283		17667	58



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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	4	76001	7600109	1	15		11	0,3336		13491	45
2017	4	76001	7600110	1	15		11	0,4592		16114	74
2017	4	76001	7600111	1	15		11	0,7879		10280	81
2017	4	76001	7600112	1	15		11	0,1669		3594	6
2017	4	76001	7600113	1	15		11	0,4416		14944	66
2017	4	76001	7600114	1	15		11	0,5012		15562	78
2017	4	76001	7600115	1	15		11	0,6537		7496	49
2017	4	76001	7600116	1	15		11	0,6912		9983	69
2017	4	76001	7600117	1	15		11	0,6745		33062	223
2017	4	76001	7600118	1	15		11	0,9952		13263	132
2017	4	76001	7600119	1	15		11	0,6033		29340	177
2017	4	76001	7600120	1	15		11	1,3245		3171	42
2017	4	8573		1	15			0,3558		7308	26
2017	4	50001	5000101	1	15		11	0,5146		13796	71
2017	4	50001	5000102	1	15		11	0,3106		28336	88
2017	4	50001	5000103	1	15		11	0,1443		20789	30
2017	4	50001	5000104	1	15		11	0,4401		20675	91
2017	4	50001	5000105	1	15		11	0,4055		41924	170
2017	4	50001	5000106	1	15		11	0,1728		8103	14
2017	4	50001	5000107	1	15		11	0,4891		29035	142
2017	4	50001	5000108	1	15		11	0,4707		17208	81
2017	4	5001	500116	1	15		11	0,9784		36285	355
2017	4	5001	500101	1	15		11	1,2142		4777	58
2017	4	5001	500107	1	15		11	1,7331		25503	442
2017	4	91001		2	15		18		3,9513		
2017	4	85410		1	15		18	1,2371		8164	101
2017	4	94001		2	15		18		1,0653		
2017	4	97001		2	15		19		0,6163		
2017	4	50006		1	15		19	1,0033		30897	310
2017	4	20400		1	15		19	0,5161		11626	60
2017	4	95001		2	15		19	0,2897		11737	34
2017	4	20011		1	15		19	0,3293		15488	51
2017	4	50568		1	15		19	0,5054		9101	46
2017	4	44847		1	15		20	0,641		3432	22
2017	4	52356		1	15		20	0,7526		14351	108
2017	4	52835		1	15		20	1,2953		23701	307
2017	4	44430		1	15		20	0,3373		7115	24
2017	4	44560		1	15		20	0,4848		1650	8
2017	4	27001		2	15		20	0,7217		53760	388
2017	4	5376		1	16		19	0,9851		12181	120
2017	4	5212		1	16		19	1,4623		11147	163
2017	4	5088		1	16		19	1,6088		57619	927
2017	4	5837		1	16		19	1,1122		25984	289
2017	4	25799		1	16		19	1,0438		3449	36
2017	4	5615		1	16		19	0,4636		39906	185
2017	4	5129		1	16		19	0,9176		14277	131
2017	4	50006		1	16		19	1,1914		27110	323
2017	4	25286		1	16		19	1,4688		18110	266
2017	4	25473		1	16		19	1,0361		22198	230
2017	4	5308		1	16		19	0,9759		9530	93
2017	4	85410		1	16		19	1,4627		6153	90
2017	4	25175		1	16		19	0,8159		34320	280
2017	4	50568		1	16		19	0,8914		8862	79
2017	4	5360		1	16		19	1,5128		25450	385
2017	4	25758		1	16		19	1,2359		8577	106
2017	4	25307		1	16		19	0,7987		27421	219
2017	4	25377		1	16		19	0,5575		8072	45
2017	4	68081		1	16		19	0,5249		42488	223
2017	4	15238		1	16		19	0,4846		45814	222
2017	4	25430		1	16		19	1,3119		21419	281
2017	4	5045		1	16		19	0,8457		28379	240
2017	4	5631		1	16		19	0,9083		13542	123
2017	4	68679		1	16		19	0,4316		10657	46
2017	4	25214		1	16		19	1,1137		9428	105
2017	4	13001	1300102	1	16		19	0,58		39826	231
2017	4	13001	1300103	1	16		19	1,5621		47435	741
2017	4	13001	1300101	1	16		19	0,8502		59867	509
2017	4	13001		1	16		19	1,0066		147128	1481
2017	4	85001		1	16		19	1,1046		67447	745
2017	4	23001		1	16		19	0,6703		106672	715
2017	4	81001		1	16		19	0,507		12229	62
2017	4	44001		1	16		19	0,5132		17732	91
2017	4	15001		1	16		19	0,5355		71523	383
2017	4	68307		1	16		19	0,6145		17737	109
2017	4	15491		1	16		19	0,5183		4052	21
2017	4	25817		1	16		19	0,7169		8509	61
2017	4	5380		1	16		19	1,3097		8246	108
2017	4	5607		1	16		19	0,2397		5840	14
2017	4	68276		1	16		19	0,8507		39261	334



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	25754		1	16		19	1,3115		123451	1619
2017	4	17380		1	16		19	0,8478		19817	168
2017	4	5318		1	16		19	0,616		10390	64
2017	4	25290		1	16		19	1,3452		39846	536
2017	4	20011		1	16		19	0,2466		16221	40
2017	4	25126		1	16		19	1,3599		18751	255
2017	4	5266		1	16		19	1,3304		29990	399
2017	4	25899		1	16		19	1,0098		31987	323
2017	4	20400		1	16		19	0,5744		12187	70
2017	4	25269		1	16		19	0,8508		39491	336
2017	4	68547		1	16		19	1,0586		18988	201
2017	4	15759		1	16		19	0,6345		45076	286
2017	4	15572		1	16		19	1,1917		12755	152
2017	4	76001	7600121	1	16	20		0,6643		5269	35
2017	4	76001	7600122	1	16	20		1,835		7139	131
2017	4	54001	5400106	1	16	20		1,3245		17516	232
2017	4	54001	5400101	1	16	20		0,8477		6488	55
2017	4	54001	5400104	1	16	20		0,7517		9046	68
2017	4	54001	5400110	1	16	20		0,7614		5779	44
2017	4	54001	5400108	1	16	20		0,8874		18031	160
2017	4	54001	5400105	1	16	20		0,617		12318	76
2017	4	54001	5400103	1	16	20		1,0108		8211	83
2017	4	54001	5400107	1	16	20		0,894		15884	142
2017	4	54001	5400109	1	16	20		1,0508		10849	114
2017	4	54001	5400102	1	16	20		0,8065		8431	68
2017	4	97001		2	16	20			0		
2017	4	99001		2	16	20			1,4572		
2017	4	91001		2	16	20			4,7463		
2017	4	94001		2	16	20			1,8657		
2017	4	5001	500102	1	16	20		1,6681		16666	278
2017	4	5001	500109	1	16	20		1,7822		16384	292
2017	4	5001	500110	1	16	20		1,9421		24716	480
2017	4	5001	500108	1	16	20		1,9156		15139	290
2017	4	5001	500106	1	16	20		2,3793		15887	378
2017	4	5001	500111	1	16	20		1,9125		22118	423
2017	4	8001	800105	1	16	20		0,2055		13626	28
2017	4	8001	800103	1	16	20		1,0788		19095	206
2017	4	8001	800102	1	16	20		0,6451		15192	98
2017	4	8001	800101	1	16	20		0,7479		21127	158
2017	4	8001	800104	1	16	20		0,4788		28194	135
2017	4	68001	6800111	1	16	20		0,4041		4454	18
2017	4	68001	6800117	1	16	20		1,2295		2928	36
2017	4	68001	6800101	1	16	20		0,9332		5358	50
2017	4	68001	6800115	1	16	20		1,3158		1140	15
2017	4	68001	6800113	1	16	20		0,834		11631	97
2017	4	68001	6800110	1	16	20		1,1601		7241	84
2017	4	68001	6800104	1	16	20		0,7547		2915	22
2017	4	68001	6800107	1	16	20		1,1302		1858	21
2017	4	68001	6800106	1	16	20		0,6953		4171	29
2017	4	68001	6800105	1	16	20		2,4842		5072	126
2017	4	68001	6800103	1	16	20		0,7435		8877	66
2017	4	68001	6800108	1	16	20		0,8244		2790	23
2017	4	68001	6800116	1	16	20		0,9399		4575	43
2017	4	68001	6800112	1	16	20		1,0134		6217	63
2017	4	11001	1100107	1	16	20		1,4619		126613	1851
2017	4	11001	1100111	1	16	20		1,0365		216502	2244
2017	4	11001	1100105	1	16	20		1,0157		62618	636
2017	4	11001	1100108	1	16	20		1,1278		223979	2526
2017	4	11001	1100101	1	16	20		1,1033		115927	1279
2017	4	11001	1100110	1	16	20		0,9045		160416	1451
2017	4	11001	1100109	1	16	20		0,9905		100049	991
2017	4	11001	1100114	1	16	20		0,7862		24549	193
2017	4	11001	1100103	1	16	20		0,9948		20507	204
2017	4	11001	1100102	1	16	20		0,5992		39384	236
2017	4	11001	1100117	1	16	20		1,6848		5876	99
2017	4	11001	1100106	1	16	20		1,4711		44728	658
2017	4	11001	1100113	1	16	20		0,6655		36813	245
2017	4	11001	1100118	1	16	20		1,4275		74188	1059
2017	4	11001	1100116	1	16	20		0,8593		64123	551
2017	4	11001	1100104	1	16	20		1,6972		62396	1059
2017	4	11001	1100115	1	16	20		1,4891		19810	295
2017	4	11001	1100112	1	16	20		0,5229		32894	172
2017	4	11001	1100119	1	16	20		1,5113		100179	1514
2017	4	76001	7600101	1	16	20		0,5923		5909	35
2017	4	76001	7600102	1	16	20		0,3353		25944	87
2017	4	76001	7600103	1	16	20		0,8929		7392	66
2017	4	76001	7600104	1	16	20		0,1711		7598	13
2017	4	76001	7600105	1	16	20		0,3268		16526	54
2017	4	76001	7600106	1	16	20		0,2908		12723	37



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	76001	7600107	1	16		20	0,3107		6758	21
2017	4	76001	7600108	1	16		20	0,399		13284	53
2017	4	76001	7600109	1	16		20	0,6167		5675	35
2017	4	76001	7600110	1	16		20	0,7108		12380	88
2017	4	76001	7600111	1	16		20	0,7544		9809	74
2017	4	76001	7600112	1	16		20	0,4334		3461	15
2017	4	76001	7600113	1	16		20	0,6647		15195	101
2017	4	76001	7600114	1	16		20	0,6164		17359	107
2017	4	76001	7600115	1	16		20	0,675		8148	55
2017	4	76001	7600116	1	16		20	0,8281		10264	85
2017	4	76001	7600117	1	16		20	0,7227		28367	205
2017	4	76001	7600118	1	16		20	1,0293		14476	149
2017	4	76001	7600119	1	16		20	0,8948		21122	189
2017	4	76001	7600120	1	16		20	1,1094		3245	36
2017	4	44847		1	16		20	0,3691		3522	13
2017	4	52356		1	16		20	1,0333		12291	127
2017	4	8573		1	16		20	0,414		5073	21
2017	4	54874		1	16		20	1,2262		9460	116
2017	4	76111		1	16		20	0,5059		10082	51
2017	4	50001	5000101	1	16		20	0,6514		8443	55
2017	4	50001	5000102	1	16		20	0,6082		10523	64
2017	4	50001	5000103	1	16		20	0,2606		6908	18
2017	4	50001	5000104	1	16		20	0,5421		17341	94
2017	4	50001	5000105	1	16		20	0,4972		30571	152
2017	4	50001	5000106	1	16		20	0,3429		4374	15
2017	4	50001	5000107	1	16		20	0,4899		20209	99
2017	4	50001	5000108	1	16		20	0,625		13440	84
2017	4	73001	7300101	1	16		20	0,4174		10542	44
2017	4	73001	7300102	1	16		20	0,4394		2731	12
2017	4	73001	7300103	1	16		20	0,5156		3491	18
2017	4	73001	7300104	1	16		20	0,3589		8637	31
2017	4	73001	7300105	1	16		20	0,4911		12422	61
2017	4	73001	7300106	1	16		20	0,5956		5876	35
2017	4	73001	7300107	1	16		20	1,1187		12246	137
2017	4	73001	7300108	1	16		20	1,1085		10645	118
2017	4	73001	7300109	1	16		20	2,5827		14210	367
2017	4	73001	7300110	1	16		20	0,297		10438	31
2017	4	73001	7300111	1	16		20	0,2179		4590	10
2017	4	73001	7300112	1	16		20	0,3098		6779	21
2017	4	73001	7300113	1	16		20	0,9375		4160	39
2017	4	5001	500116	1	16		20	1,2084		30950	374
2017	4	5001	500101	1	16		20	1,6934		5551	94
2017	4	5001	500107	1	16		20	2,2178		27414	608
2017	4	5001	500104	1	16		20	1,7031		16441	280
2017	4	5001	500105	1	16		20	2,0233		24811	502
2017	4	5001	500115	1	16		20	1,3406		14770	198
2017	4	5001	500103	1	16		20	1,518		10672	162
2017	4	5001	500114	1	16		20	0,9384		26854	252
2017	4	5001	500112	1	16		20	1,3233		12318	163
2017	4	5001	500113	1	16		20	1,4874		18153	270
2017	4	73001		1	16		20	0,8599		108854	936
2017	4	18001		1	16		20	0,6701		56409	378
2017	4	5001		1	16		20	1,6549		317972	5262
2017	4	52001		1	16		20	0,9263		62617	580
2017	4	41001		1	16		20	0,4912		78181	384
2017	4	47001		1	16		20	0,4797		48157	231
2017	4	8001		1	16		20	0,6423		98871	635
2017	4	19001		1	16		20	0,4209		83872	353
2017	4	76001		1	16		20	0,6571		265702	1746
2017	4	27001		2	16		20	0,9986		51674	516
2017	4	50001		1	16		20	0,6186		128997	798
2017	4	88001		2	16		20	0,5884		5778	34
2017	4	11001		1	16		20	1,1272		1531551	17263
2017	4	17001		1	16		20	0,6863		91511	628
2017	4	20001		1	16		20	0,3477		46877	163
2017	4	66001		1	16		20	0,5208		105790	551
2017	4	70001		1	16		20	0,3416		33667	115
2017	4	95001		2	16		20	0,3592		9186	33
2017	4	63001		1	16		20	0,7768		60116	467
2017	4	86001		2	16		20	0,5533		11387	63
2017	4	68001		1	16		20	1,0071		70899	714
2017	4	54001		1	16		20	0,9375		114668	1075
2017	4	44430		1	16		20	0,484		8058	39
2017	4	54405		1	16		20	0,4095		14165	58
2017	4	44560		1	16		20	0,4459		1570	7
2017	4	66170		1	16		20	0,5508		43206	238
2017	4	54498		1	16		20	0,8747		15776	138
2017	4	76834		1	16		20	0,6051		20493	124
2017	4	76109		1	16		20	0,6714		34256	230



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	52835		1	16		20	0,7513		22094	166
2017	4	73449		1	16		20	0,8676		16828	146
2017	4	41551		1	16		20	0,9512		31645	301
2017	4	76147		1	16		20	0,4158		25014	104
2017	4	8758		1	16		20	0,4869		36350	177
2017	4	76520		1	16		20	0,7797		34244	267
2017	4	76892		1	16		20	0,5694		16508	94
2017	4	76130		1	16		20	0,8764		12780	112
2017	4	76364		1	16		20	0,6331		17691	112
2017	4	73268		1	16		20	0,7244		19603	142
2017	4	81001		1	17	9		0,2581		21699	56
2017	4	73001	7300112	1	17	10		0,3056		7526	23
2017	4	73001	7300113	1	17	10		0,9199		4131	38
2017	4	17001		1	17	10		0,4097		179627	736
2017	4	66001		1	17	10		0,4024		216975	873
2017	4	41001		1	17	10		0,3229		140898	455
2017	4	11001		1	17	10		0,8015		3404554	27288
2017	4	52001		1	17	10		0,6532		122775	802
2017	4	20001		1	17	10		0,2216		87546	194
2017	4	68001		1	17	10		0,6319		173277	1095
2017	4	63001		1	17	10		0,7064		119903	847
2017	4	50001		1	17	10		0,4371		295116	1290
2017	4	54001		1	17	10		0,5439		237006	1289
2017	4	73001		1	17	10		0,7462		192970	1440
2017	4	86001		2	17	10		0,6017		22770	137
2017	4	76834		1	17		10	0,4619		33342	154
2017	4	76109		1	17		10	0,4241		52820	224
2017	4	76147		1	17		10	0,2822		40745	115
2017	4	76520		1	17		10	0,6162		61509	379
2017	4	76892		1	17		10	0,4237		48149	204
2017	4	76130		1	17		10	0,662		16164	107
2017	4	76364		1	17		10	0,5722		24466	140
2017	4	54001	5400106	1	17	10		0,5681		25347	144
2017	4	54001	5400101	1	17	10		0,2962		61104	181
2017	4	54001	5400104	1	17	10		0,6481		13270	86
2017	4	54001	5400110	1	17	10		0,7656		8882	68
2017	4	54001	5400108	1	17	10		0,4373		20809	91
2017	4	54001	5400105	1	17	10		0,5407		30331	164
2017	4	54001	5400103	1	17	10		1,1132		11229	125
2017	4	54001	5400107	1	17	10		0,5399		18894	102
2017	4	54001	5400109	1	17	10		0,614		14332	88
2017	4	54001	5400102	1	17	10		0,6508		29349	191
2017	4	97001		2	17	10			0,5247		
2017	4	68001	6800111	1	17	10		0,2332		4717	11
2017	4	68001	6800117	1	17	10		0,7358		3126	23
2017	4	68001	6800101	1	17	10		0,5761		6249	36
2017	4	68001	6800115	1	17	10		0,5221		16281	85
2017	4	68001	6800113	1	17	10		0,7448		34371	256
2017	4	68001	6800110	1	17	10		0,6445		9155	59
2017	4	68001	6800104	1	17	10		0,4184		14341	60
2017	4	68001	6800107	1	17	10		0,6073		3293	20
2017	4	68001	6800106	1	17	10		0,5176		12558	65
2017	4	68001	6800105	1	17	10		1,0583		7843	83
2017	4	68001	6800103	1	17	10		0,482		20953	101
2017	4	68001	6800108	1	17	10		0,6131		2773	17
2017	4	68001	6800116	1	17	10		1,0127		5727	58
2017	4	68001	6800112	1	17	10		0,6479		29788	193
2017	4	11001	1100107	1	17	10		0,9877		142954	1412
2017	4	11001	1100111	1	17	10		0,8097		381255	3087
2017	4	11001	1100105	1	17	10		0,6966		62300	434
2017	4	11001	1100108	1	17	10		0,9498		361758	3436
2017	4	11001	1100101	1	17	10		0,9155		326802	2992
2017	4	11001	1100110	1	17	10		0,6452		291827	1883
2017	4	11001	1100109	1	17	10		0,8546		239880	2050
2017	4	11001	1100114	1	17	10		0,6968		137763	960
2017	4	11001	1100103	1	17	10		0,6297		134835	849
2017	4	11001	1100102	1	17	10		0,5046		292310	1475
2017	4	11001	1100117	1	17	10		0,5998		54848	329
2017	4	11001	1100106	1	17	10		1,1807		68012	803
2017	4	11001	1100113	1	17	10		0,7941		182855	1452
2017	4	11001	1100118	1	17	10		0,8618		106523	918
2017	4	11001	1100116	1	17	10		0,576		214768	1237
2017	4	11001	1100104	1	17	10		1,399		78268	1095
2017	4	11001	1100115	1	17	10		0,9751		60098	586
2017	4	11001	1100112	1	17	10		0,6822		154357	1053
2017	4	11001	1100119	1	17	10		1,0933		113141	1237
2017	4	76111		1	17	10	10	0,3598		18624	67
2017	4	50001	5000101	1	17	10		0,5033		20864	105
2017	4	50001	5000102	1	17	10		0,3097		73297	227



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	50001	5000103	1	17	10		0,3605		28291	102
2017	4	50001	5000104	1	17	10		0,264		25002	66
2017	4	50001	5000105	1	17	10		0,3876		49788	193
2017	4	50001	5000106	1	17	10		0,0736		13588	10
2017	4	50001	5000107	1	17	10		0,447		38930	174
2017	4	50001	5000108	1	17	10		0,4425		18304	81
2017	4	73001	7300101	1	17	10		0,2619		35887	94
2017	4	73001	7300102	1	17	10		0,1411		3543	5
2017	4	73001	7300103	1	17	10		0,3973		11326	45
2017	4	73001	7300104	1	17	10		0,3436		15426	53
2017	4	73001	7300105	1	17	10		0,4664		16082	75
2017	4	73001	7300106	1	17	10		0,3682		7332	27
2017	4	73001	7300107	1	17	10		0,8962		14060	126
2017	4	73001	7300108	1	17	10		0,9298		11508	107
2017	4	73001	7300109	1	17	10		2,4321		29152	709
2017	4	73001	7300110	1	17	10		0,3195		28795	92
2017	4	73001	7300111	1	17	10		0,1832		4368	8
2017	4	76001	7600121	1	17	11		0,4369		4578	20
2017	4	76001	7600122	1	17	11		1,134		22839	259
2017	4	5001	500102	1	17	11		1,8622		14875	277
2017	4	5001	500109	1	17	11		1,5236		17262	263
2017	4	5001	500110	1	17	11		1,3162		177173	2332
2017	4	5001	500108	1	17	11		1,4883		15387	229
2017	4	5001	500106	1	17	11		2,3374		13391	313
2017	4	5001	500111	1	17	11		0,8813		67965	599
2017	4	8001	800105	1	17	11		0,3062		35598	109
2017	4	8001	800103	1	17	11		0,3792		38498	146
2017	4	8001	800102	1	17	11		0,5695		16858	96
2017	4	8001	800101	1	17	11		0,6705		29680	199
2017	4	8001	800104	1	17	11		0,3901		133541	521
2017	4	76001	7600101	1	17	11		0,4696		5537	26
2017	4	76001	7600102	1	17	11		0,3861		86512	334
2017	4	76001	7600103	1	17	11		1,0129		61208	620
2017	4	76001	7600104	1	17	11		0,1568		24239	38
2017	4	76001	7600105	1	17	11		0,2381		22684	54
2017	4	76001	7600106	1	17	11		0,2552		12933	33
2017	4	76001	7600107	1	17	11		0,4094		8793	36
2017	4	76001	7600108	1	17	11		0,379		27177	103
2017	4	76001	7600109	1	17	11		1,9375		22864	443
2017	4	76001	7600110	1	17	11		0,4203		21174	89
2017	4	76001	7600111	1	17	11		0,5514		12332	68
2017	4	76001	7600112	1	17	11		0,1403		4278	6
2017	4	76001	7600113	1	17	11		0,5678		16556	94
2017	4	76001	7600114	1	17	11		0,6689		15846	106
2017	4	76001	7600115	1	17	11		0,631		7607	48
2017	4	76001	7600116	1	17	11		0,801		11236	90
2017	4	76001	7600117	1	17	11		0,7888		52614	415
2017	4	76001	7600118	1	17	11		0,9097		17699	161
2017	4	76001	7600119	1	17	11		0,668		62725	419
2017	4	76001	7600120	1	17	11		0,8434		3794	32
2017	4	13001	1300102	1	17	11		0,6566		51477	338
2017	4	13001	1300103	1	17	11		0,5563		64718	360
2017	4	13001	1300101	1	17	11		0,4671		119687	559
2017	4	5001	500116	1	17	11		1,1224		55774	626
2017	4	5001	500101	1	17	11		1,4146		4595	65
2017	4	5001	500107	1	17	11		2,1187		30585	648
2017	4	5001	500104	1	17	11		1,5432		22032	340
2017	4	5001	500105	1	17	11		1,6437		35591	585
2017	4	5001	500115	1	17	11		1,0606		48085	510
2017	4	5001	500103	1	17	11		1,5427		8686	134
2017	4	5001	500114	1	17	11		0,8529		117710	1004
2017	4	5001	500112	1	17	11		0,6934		23652	164
2017	4	5001	500113	1	17	11		0,9782		18197	178
2017	4	8001		1	17	11		0,4226		256506	1084
2017	4	5001		1	17	11		1,2396		691608	8573
2017	4	47001		1	17	11		0,3783		84855	321
2017	4	88001		2	17	11		0,4251		9644	41
2017	4	13001		1	17	11		0,5329		235882	1257
2017	4	76001		1	17	11		0,6726		536727	3610
2017	4	70001		1	17	11		0,3418		67884	232
2017	4	99001		2	17	15			1,7261		
2017	4	23001		1	17	16		0,5679		157940	897
2017	4	91001		2	17	17			4,4273		
2017	4	15572		1	17		18	0,9714		15853	154
2017	4	15759		1	17		18	0,4676		81479	381
2017	4	25286		1	17		18	1,9101		35390	676
2017	4	25473		1	17		18	1,3239		35878	475
2017	4	85410		1	17		18	1,6371		10201	167
2017	4	25175		1	17		18	0,899		62626	563



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	25758		1	17		18	1,5903		13834	220
2017	4	25307		1	17		18	0,6064		41558	252
2017	4	25377		1	17		18	0,6441		12886	83
2017	4	68081		1	17		18	0,583		62954	367
2017	4	15238		1	17		18	0,3302		77518	256
2017	4	25430		1	17		18	1,2395		36707	455
2017	4	68679		1	17		18	0,3527		17296	61
2017	4	25214		1	17		18	1,1567		20230	234
2017	4	18001		1	17	18		0,4421		96812	428
2017	4	19001		1	17	18		0,5496		135182	743
2017	4	85001		1	17	18		0,7039		129004	908
2017	4	15001		1	17	18		0,5553		143698	798
2017	4	95001		2	17	18		0,2667		16498	44
2017	4	68307		1	17		18	0,5791		26420	153
2017	4	15491		1	17		18	0,7814		4863	38
2017	4	25817		1	17		18	0,4888		14731	72
2017	4	68276		1	17		18	1,0198		52166	532
2017	4	25754		1	17		18	1,1838		144708	1713
2017	4	25290		1	17		18	1,0511		55749	586
2017	4	25126		1	17		18	1,3294		30992	412
2017	4	25899		1	17		18	1,195		52803	631
2017	4	25269		1	17		18	0,6228		58606	365
2017	4	68547		1	17		18	0,9597		24175	232
2017	4	25799		1	17		18	1,188		7071	84
2017	4	94001		2	17	19			3,4783		
2017	4	73268		1	17		19	0,5795		23812	138
2017	4	44847		1	17		19	0,3361		4760	16
2017	4	5088		1	17		19	2,0166		71902	1450
2017	4	5837		1	17		19	0,9383		25366	238
2017	4	5615		1	17		19	0,5369		56809	305
2017	4	5129		1	17		19	0,9527		17004	162
2017	4	50006		1	17		19	1,0094		33781	341
2017	4	5308		1	17		19	0,7102		12110	86
2017	4	54874		1	17		19	1,5639		14771	231
2017	4	50568		1	17		19	0,5595		11617	65
2017	4	5360		1	17		19	1,8739		38210	716
2017	4	5045		1	17		19	0,6597		33801	223
2017	4	5631		1	17		19	1,1752		20081	236
2017	4	44001		1	17	19		0,4454		20657	92
2017	4	5380		1	17		19	1,3207		11055	146
2017	4	5607		1	17		19	0,1735		6918	12
2017	4	44430		1	17		19	0,2221		11257	25
2017	4	54405		1	17		19	0,3825		20654	79
2017	4	17380		1	17		19	0,819		23200	190
2017	4	5318		1	17		19	0,9647		12957	125
2017	4	44560		1	17		19	0,6731		2080	14
2017	4	66170		1	17		19	0,5851		58969	345
2017	4	5266		1	17		19	1,5502		44639	692
2017	4	54498		1	17		19	0,6406		22479	144
2017	4	73449		1	17		19	0,673		19465	131
2017	4	41551		1	17		19	1,0208		42024	429
2017	4	5212		1	17		19	1,3773		14739	203
2017	4	5376		1	17		19	1,0736		15183	163
2017	4	52356		1	17		20	0,9428		14425	136
2017	4	8573		1	17		20	0,4772		7544	36
2017	4	27001		2	17	20		1,7808		56098	999
2017	4	8758		1	17		20	1,3442		42404	570
2017	4	20400		1	17		20	0,5742		11494	66
2017	4	52835		1	17		20	0,5711		22064	126
2017	4	20011		1	17		20	0,5871		17033	100
2017	4	81001		1	18	9		0,2836		21508	61
2017	4	50001		1	18	10		0,4312		288758	1245
2017	4	44001		1	18	10		0,411		26518	109
2017	4	52001		1	18	10		0,5696		114294	651
2017	4	63001		1	18	10		0,5972		115865	692
2017	4	11001		1	18	10		0,8489		3466387	29427
2017	4	76001		1	18	10		0,5984		537139	3214
2017	4	20001		1	18	10		0,3223		95549	308
2017	4	5001		1	18	10		1,1772		682070	8029
2017	4	73001		1	18	10		0,6484		191704	1243
2017	4	41001		1	18	10		0,3435		138264	475
2017	4	13001		1	18	10		0,5702		247812	1413
2017	4	23001		1	18	10		0,6004		162056	973
2017	4	68001		1	18	10		0,6476		173108	1121
2017	4	8001		1	18	10		0,56		276776	1550
2017	4	70001		1	18	10		0,2586		71926	186
2017	4	47001		1	18	10		0,4129		88882	367
2017	4	66001		1	18	10		0,4891		211620	1035
2017	4	54001		1	18	10		0,605		240671	1456



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	44430		1	18		10	0,2748		14554	40
2017	4	44560		1	18		10	0,7496		2001	15
2017	4	76834		1	18		10	0,4252		33632	143
2017	4	76109		1	18		10	0,5418		55741	302
2017	4	76147		1	18		10	0,3934		38634	152
2017	4	8758		1	18		10	0,7897		47992	379
2017	4	76520		1	18		10	0,5963		59534	355
2017	4	76892		1	18		10	0,3994		45813	183
2017	4	76130		1	18		10	0,699		16022	112
2017	4	76364		1	18		10	0,5411		24397	132
2017	4	44847		1	18		10	0,389		5142	20
2017	4	8573		1	18		10	0,4841		14047	68
2017	4	76111		1	18		10	0,3168		18310	58
2017	4	50001	5000101	1	18	10		0,545		19818	108
2017	4	50001	5000102	1	18	10		0,311		72661	226
2017	4	50001	5000103	1	18	10		0,1864		27364	51
2017	4	50001	5000104	1	18	10		0,3502		23989	84
2017	4	50001	5000105	1	18	10		0,4473		48069	215
2017	4	50001	5000106	1	18	10		0,1421		12667	18
2017	4	50001	5000107	1	18	10		0,4443		37815	168
2017	4	50001	5000108	1	18	10		0,419		18379	77
2017	4	73001	7300101	1	18	10		0,2098		34790	73
2017	4	73001	7300102	1	18	10		0,3646		3291	12
2017	4	73001	7300103	1	18	10		0,3915		11749	46
2017	4	73001	7300104	1	18	10		0,2758		15593	43
2017	4	73001	7300105	1	18	10		0,4537		15870	72
2017	4	73001	7300106	1	18	10		0,4375		7314	32
2017	4	73001	7300107	1	18	10		0,8321		14662	122
2017	4	73001	7300108	1	18	10		0,9363		12175	114
2017	4	73001	7300109	1	18	10		1,9626		28635	562
2017	4	73001	7300110	1	18	10		0,2564		27298	70
2017	4	73001	7300111	1	18	10		0,1162		4302	5
2017	4	73001	7300112	1	18	10		0,2066		8229	17
2017	4	73001	7300113	1	18	10		0,7728		4270	33
2017	4	13001	1300102	1	18	10		0,8368		53420	447
2017	4	13001	1300103	1	18	10		0,5831		67566	394
2017	4	13001	1300101	1	18	10		0,451		126826	572
2017	4	5001	500116	1	18	10		0,9673		54483	527
2017	4	5001	500101	1	18	10		1,3957		4299	60
2017	4	5001	500107	1	18	10		2,0373		30678	625
2017	4	5001	500104	1	18	10		1,5596		20646	322
2017	4	5001	500105	1	18	10		1,4977		33452	501
2017	4	5001	500115	1	18	10		0,6896		48722	336
2017	4	5001	500103	1	18	10		1,6383		7935	130
2017	4	5001	500114	1	18	10		0,7982		122407	977
2017	4	5001	500112	1	18	10		0,7231		23094	167
2017	4	5001	500113	1	18	10		1,0176		17197	175
2017	4	5001	500102	1	18	10		1,5397		14159	218
2017	4	5001	500109	1	18	10		1,5093		17227	260
2017	4	5001	500110	1	18	10		1,3326		172451	2298
2017	4	5001	500108	1	18	10		1,7407		14649	255
2017	4	5001	500106	1	18	10		1,6198		12903	209
2017	4	5001	500111	1	18	10		1,0401		68264	710
2017	4	8001	800105	1	18	10		0,3782		39396	149
2017	4	8001	800103	1	18	10		0,5544		40584	225
2017	4	8001	800102	1	18	10		0,7404		18099	134
2017	4	8001	800101	1	18	10		0,8418		31838	268
2017	4	8001	800104	1	18	10		0,5255		144432	759
2017	4	68001	6800111	1	18	10		0,353		4533	16
2017	4	68001	6800117	1	18	10		1,3135		2893	38
2017	4	68001	6800101	1	18	10		0,815		6135	50
2017	4	68001	6800115	1	18	10		0,4564		16215	74
2017	4	68001	6800113	1	18	10		0,6814		32579	222
2017	4	68001	6800110	1	18	10		0,787		9149	72
2017	4	68001	6800104	1	18	10		0,4791		14611	70
2017	4	68001	6800107	1	18	10		0,4641		3232	15
2017	4	68001	6800106	1	18	10		0,5232		12998	68
2017	4	68001	6800105	1	18	10		1,5579		7767	121
2017	4	68001	6800103	1	18	10		0,6359		20758	132
2017	4	68001	6800108	1	18	10		0,9233		2816	26
2017	4	68001	6800116	1	18	10		1,0218		5872	60
2017	4	68001	6800112	1	18	10		0,4368		31594	138
2017	4	11001	1100107	1	18	10		1,0512		137651	1447
2017	4	11001	1100111	1	18	10		0,8407		378365	3181
2017	4	11001	1100105	1	18	10		0,7645		61608	471
2017	4	11001	1100108	1	18	10		1,0927		365166	3990
2017	4	11001	1100101	1	18	10		0,9976		333900	3331
2017	4	11001	1100110	1	18	10		0,7008		288668	2023
2017	4	11001	1100109	1	18	10		0,8733		240683	2102



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	11001	1100114	1	18	10		0,7385		145556	1075
2017	4	11001	1100103	1	18	10		0,704		143883	1013
2017	4	11001	1100102	1	18	10		0,4739		310193	1470
2017	4	11001	1100117	1	18	10		0,5035		61574	310
2017	4	11001	1100106	1	18	10		1,2227		67149	821
2017	4	11001	1100113	1	18	10		0,8709		200264	1744
2017	4	11001	1100118	1	18	10		0,9063		106149	962
2017	4	11001	1100116	1	18	10		0,6222		217927	1356
2017	4	11001	1100104	1	18	10		1,3633		76946	1049
2017	4	11001	1100115	1	18	10		1,0652		60085	640
2017	4	11001	1100112	1	18	10		0,7723		161861	1250
2017	4	11001	1100119	1	18	10		1,096		108759	1192
2017	4	76001	7600101	1	18	10		0,6015		5653	34
2017	4	76001	7600102	1	18	10		0,3358		85459	287
2017	4	76001	7600103	1	18	10		0,5523		62290	344
2017	4	76001	7600104	1	18	10		0,1581		24030	38
2017	4	76001	7600105	1	18	10		0,2408		22006	53
2017	4	76001	7600106	1	18	10		0,2236		12521	28
2017	4	76001	7600107	1	18	10		0,2924		8551	25
2017	4	76001	7600108	1	18	10		0,4169		26622	111
2017	4	76001	7600109	1	18	10		0,4364		23604	103
2017	4	76001	7600110	1	18	10		0,6782		22853	155
2017	4	76001	7600111	1	18	10		0,6265		11811	74
2017	4	76001	7600112	1	18	10		0,4479		4019	18
2017	4	76001	7600113	1	18	10		0,5805		15505	90
2017	4	76001	7600114	1	18	10		0,6824		15093	103
2017	4	76001	7600115	1	18	10		0,5882		7311	43
2017	4	76001	7600116	1	18	10		0,6316		10767	68
2017	4	76001	7600117	1	18	10		0,6724		52347	352
2017	4	76001	7600118	1	18	10		1,0434		17922	187
2017	4	76001	7600119	1	18	10		0,8556		64986	556
2017	4	76001	7600120	1	18	10		1,9183		3597	69
2017	4	76001	7600121	1	18	10		0,404		4703	19
2017	4	76001	7600122	1	18	10		1,4		23785	333
2017	4	54001	5400106	1	18	10		0,7583		25846	196
2017	4	54001	5400101	1	18	10		0,36		62506	225
2017	4	54001	5400104	1	18	10		0,6625		13433	89
2017	4	54001	5400110	1	18	10		0,7187		9323	67
2017	4	54001	5400108	1	18	10		0,4047		20511	83
2017	4	54001	5400105	1	18	10		0,586		31742	186
2017	4	54001	5400103	1	18	10		1,4959		11097	166
2017	4	54001	5400107	1	18	10		0,5554		18185	101
2017	4	54001	5400109	1	18	10		0,6054		13874	84
2017	4	54001	5400102	1	18	10		0,6396		30801	197
2017	4	99001		2	18	11			1,9567		
2017	4	19001		1	18	13		0,3454		138697	479
2017	4	86001		2	18	13		0,5475		20638	113
2017	4	17001		1	18	17		0,4167		181196	755
2017	4	15491		1	18		18	0,7928		4667	37
2017	4	25817		1	18		18	0,3697		13526	50
2017	4	68276		1	18		18	0,9189		50819	467
2017	4	25754		1	18		18	1,0794		138314	1493
2017	4	25290		1	18		18	1,0354		52636	545
2017	4	25126		1	18		18	1,6304		29808	486
2017	4	25899		1	18		18	1,1369		50224	571
2017	4	25269		1	18		18	0,7284		59449	433
2017	4	68547		1	18		18	1,0172		23595	240
2017	4	15759		1	18		18	0,4837		78972	382
2017	4	15572		1	18		18	1,1961		16637	199
2017	4	25799		1	18		18	1,5044		6647	100
2017	4	25286		1	18		18	1,7205		36849	634
2017	4	25473		1	18		18	1,2458		35640	444
2017	4	85410		1	18		18	1,5966		9207	147
2017	4	25175		1	18		18	0,8514		61073	520
2017	4	25758		1	18		18	1,2865		14302	184
2017	4	25307		1	18		18	0,5274		41528	219
2017	4	25377		1	18		18	0,7942		12340	98
2017	4	68081		1	18		18	0,4455		64193	286
2017	4	15238		1	18		18	0,3689		77796	287
2017	4	25430		1	18		18	1,2728		35748	455
2017	4	68679		1	18		18	0,4116		16036	66
2017	4	25214		1	18		18	1,1147		21800	243
2017	4	68307		1	18		18	0,6131		25118	154
2017	4	85001		1	18		18	0,8535		121263	1035
2017	4	18001		1	18		18	0,4254		91912	391
2017	4	91001		2	18		18		5,4648		
2017	4	15001		1	18		18	0,5453		138265	754
2017	4	94001		2	18		19		4,382		
2017	4	97001		2	18		19		0		



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	88001		2	18		19	0,445		8764	39
2017	4	95001		2	18		19	0,1554		13516	21
2017	4	5380		1	18		19	1,2628		10453	132
2017	4	5607		1	18		19	0,2882		6245	18
2017	4	54405		1	18		19	1,1373		20926	238
2017	4	17380		1	18		19	0,8378		23514	197
2017	4	5318		1	18		19	0,6891		11464	79
2017	4	20011		1	18		19	0,3312		19324	64
2017	4	66170		1	18		19	0,5899		56794	335
2017	4	5266		1	18		19	1,4981		43256	648
2017	4	20400		1	18		19	0,602		14783	89
2017	4	54498		1	18		19	0,5636		23065	130
2017	4	73449		1	18		19	0,6631		18851	125
2017	4	41551		1	18		19	0,9261		43190	400
2017	4	5212		1	18		19	1,4865		13993	208
2017	4	73268		1	18		19	0,7288		24697	180
2017	4	5376		1	18		19	0,7453		13955	104
2017	4	5088		1	18		19	2,0483		68350	1400
2017	4	5837		1	18		19	1,0536		24108	254
2017	4	5615		1	18		19	0,5182		54030	280
2017	4	5129		1	18		19	1,2248		17391	213
2017	4	50006		1	18		19	1,118		31127	348
2017	4	5308		1	18		19	1,0689		10759	115
2017	4	54874		1	18		19	1,3715		14145	194
2017	4	50568		1	18		19	1,5296		12095	185
2017	4	5360		1	18		19	1,6842		36398	613
2017	4	5045		1	18		19	0,7202		33601	242
2017	4	5631		1	18		19	1,195		19916	238
2017	4	27001		2	18		20	1,7247		59547	1027
2017	4	52356		1	18		20	0,9624		13923	134
2017	4	52835		1	18		20	0,5565		22281	124
2017	4	23001		1	19		9	0,4708		169495	798
2017	4	73001	7300112	1	19		10	0,8017		7609	61
2017	4	73001	7300113	1	19		10	1,5064		2589	39
2017	4	13001	1300102	1	19		10	0,7615		54105	412
2017	4	13001	1300103	1	19		10	0,5647		67829	383
2017	4	13001	1300101	1	19		10	0,8976		123546	1109
2017	4	20001		1	19		10	0,2403		93222	224
2017	4	73001		1	19		10	0,8141		181418	1477
2017	4	86001		2	19		10	0,4257		19498	83
2017	4	11001		1	19		10	0,9072		3420355	31031
2017	4	13001		1	19		10	0,7756		245480	1904
2017	4	27001		2	19		10	1,3541		79464	1076
2017	4	70001		1	19		10	0,2962		71584	212
2017	4	68001		1	19		10	0,9452		167270	1581
2017	4	50001		1	19		10	0,4602		260755	1200
2017	4	54001		1	19		10	0,5504		232377	1279
2017	4	52001		1	19		10	0,6246		111586	697
2017	4	47001		1	19		10	0,345		87826	303
2017	4	66001		1	19		10	0,4159		208689	868
2017	4	63001		1	19		10	0,7923		114224	905
2017	4	17001		1	19		10	1,0705		241664	2587
2017	4	41001		1	19		10	0,3966		132107	524
2017	4	76834		1	19		10	0,5446		31950	174
2017	4	76109		1	19		10	0,6242		52230	326
2017	4	76147		1	19		10	0,3232		36203	117
2017	4	76520		1	19		10	0,58		55687	323
2017	4	76892		1	19		10	0,4301		45807	197
2017	4	76130		1	19		10	0,6632		15530	103
2017	4	76364		1	19		10	0,576		23960	138
2017	4	54001	5400106	1	19		10	0,5495		25478	140
2017	4	54001	5400101	1	19		10	0,4215		60027	253
2017	4	54001	5400104	1	19		10	0,6696		12992	87
2017	4	54001	5400110	1	19		10	0,5756		8687	50
2017	4	54001	5400108	1	19		10	0,3318		19593	65
2017	4	54001	5400105	1	19		10	0,5586		29357	164
2017	4	54001	5400103	1	19		10	0,9275		10674	99
2017	4	54001	5400107	1	19		10	0,4708		18265	86
2017	4	54001	5400109	1	19		10	0,6807		13369	91
2017	4	54001	5400102	1	19		10	0,5901		30334	179
2017	4	91001		2	19		10		5,5431		
2017	4	68001	6800111	1	19		10	0,8469		4369	37
2017	4	68001	6800117	1	19		10	1,6124		2977	48
2017	4	68001	6800101	1	19		10	0,6507		5994	39
2017	4	68001	6800115	1	19		10	0,9428		15698	148
2017	4	68001	6800113	1	19		10	0,8523		31560	269
2017	4	68001	6800110	1	19		10	1,0472		8690	91
2017	4	68001	6800104	1	19		10	0,836		13517	113
2017	4	68001	6800107	1	19		10	0,8704		3102	27



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	68001	6800106	1	19	10		2,2867		12726	291
2017	4	68001	6800105	1	19	10		1,1531		7458	86
2017	4	68001	6800103	1	19	10		0,5458		19972	109
2017	4	68001	6800108	1	19	10		1,3948		2796	39
2017	4	68001	6800116	1	19	10		0,967		5998	58
2017	4	68001	6800112	1	19	10		0,6686		30212	202
2017	4	11001	1100107	1	19	10		1,2006		133603	1604
2017	4	11001	1100111	1	19	10		0,9122		377765	3446
2017	4	11001	1100105	1	19	10		0,706		58922	416
2017	4	11001	1100108	1	19	10		1,092		357330	3902
2017	4	11001	1100101	1	19	10		1,1437		330156	3776
2017	4	11001	1100110	1	19	10		0,7501		286619	2150
2017	4	11001	1100109	1	19	10		1,0773		235507	2537
2017	4	11001	1100114	1	19	10		0,8065		142340	1148
2017	4	11001	1100103	1	19	10		0,6799		153404	1043
2017	4	11001	1100102	1	19	10		0,4603		308471	1420
2017	4	11001	1100117	1	19	10		0,6809		64033	436
2017	4	11001	1100106	1	19	10		1,302		66435	865
2017	4	11001	1100113	1	19	10		0,8583		192005	1648
2017	4	11001	1100118	1	19	10		0,9863		102603	1012
2017	4	11001	1100116	1	19	10		0,7075		218233	1544
2017	4	11001	1100104	1	19	10		1,5536		75503	1173
2017	4	11001	1100115	1	19	10		1,0961		57203	627
2017	4	11001	1100112	1	19	10		0,6914		154032	1065
2017	4	11001	1100119	1	19	10		1,1479		106191	1219
2017	4	76111		1	19		10	0,3787		18220	69
2017	4	50001	5000101	1	19	10		0,4514		18164	82
2017	4	50001	5000102	1	19	10		0,3006		62876	189
2017	4	50001	5000103	1	19	10		0,3171		22706	72
2017	4	50001	5000104	1	19	10		0,5198		23085	120
2017	4	50001	5000105	1	19	10		0,4396		45492	200
2017	4	50001	5000106	1	19	10		0,6309		10620	67
2017	4	50001	5000107	1	19	10		0,4227		34780	147
2017	4	50001	5000108	1	19	10		0,449		17371	78
2017	4	73001	7300101	1	19	10		0,3152		32365	102
2017	4	73001	7300102	1	19	10		0,2868		3138	9
2017	4	73001	7300103	1	19	10		0,3118		10906	34
2017	4	73001	7300104	1	19	10		0,4825		14300	69
2017	4	73001	7300105	1	19	10		0,359		15598	56
2017	4	73001	7300106	1	19	10		0,5228		6886	36
2017	4	73001	7300107	1	19	10		0,839		13350	112
2017	4	73001	7300108	1	19	10		0,8769		11632	102
2017	4	73001	7300109	1	19	10		2,542		27577	701
2017	4	73001	7300110	1	19	10		0,4109		27259	112
2017	4	73001	7300111	1	19	10		0,1801		4442	8
2017	4	76001	7600121	1	19	11		1,2583		4053	51
2017	4	8001		1	19	11		0,7326		301123	2206
2017	4	97001		2	19	11			0,2535		
2017	4	5001	500102	1	19	11		1,6667		13920	232
2017	4	5001	500109	1	19	11		1,5152		17358	263
2017	4	5001	500110	1	19	11		1,2327		177665	2190
2017	4	5001	500108	1	19	11		1,5391		14164	218
2017	4	5001	500106	1	19	11		1,3887		12890	179
2017	4	5001	500111	1	19	11		1,1738		69008	810
2017	4	8001	800105	1	19	11		0,4934		46822	231
2017	4	8001	800103	1	19	11		0,5536		41002	227
2017	4	8001	800102	1	19	11		0,6208		18523	115
2017	4	8001	800101	1	19	11		1,0977		33799	371
2017	4	8001	800104	1	19	11		0,7796		158807	1238
2017	4	76001	7600101	1	19	11		0,9161		6222	57
2017	4	76001	7600102	1	19	11		0,4531		85635	388
2017	4	76001	7600103	1	19	11		0,647		58891	381
2017	4	76001	7600104	1	19	11		0,162		22846	37
2017	4	76001	7600105	1	19	11		0,1794		22298	40
2017	4	76001	7600106	1	19	11		0,2794		12168	34
2017	4	76001	7600107	1	19	11		0,4711		8279	39
2017	4	76001	7600108	1	19	11		0,3372		25801	87
2017	4	76001	7600109	1	19	11		0,4015		22417	90
2017	4	76001	7600110	1	19	11		0,4384		20527	90
2017	4	76001	7600111	1	19	11		0,6102		11636	71
2017	4	76001	7600112	1	19	11		0,3829		3917	15
2017	4	76001	7600113	1	19	11		0,5727		16063	92
2017	4	76001	7600114	1	19	11		0,6005		15320	92
2017	4	76001	7600115	1	19	11		0,4347		6902	30
2017	4	76001	7600116	1	19	11		0,9908		10698	106
2017	4	76001	7600117	1	19	11		0,6967		50814	354
2017	4	76001	7600118	1	19	11		1,1268		16773	189
2017	4	76001	7600119	1	19	11		0,6018		63311	381
2017	4	76001	7600120	1	19	11		0,6678		3594	24



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5001	500116	1	19		11	1,103		54395	600
2017	4	5001	500101	1	19		11	1,7108		4267	73
2017	4	5001	500107	1	19		11	1,983		30257	600
2017	4	5001	500104	1	19		11	1,707		20738	354
2017	4	5001	500105	1	19		11	1,5776		32834	518
2017	4	5001	500115	1	19		11	0,9624		47902	461
2017	4	5001	500103	1	19		11	1,5307		8297	127
2017	4	5001	500114	1	19		11	0,8121		120920	982
2017	4	5001	500112	1	19		11	0,6657		22983	153
2017	4	5001	500113	1	19		11	1,0486		17070	179
2017	4	76001		1	19		11	0,6081		522770	3179
2017	4	5001		1	19		11	1,201		683822	8213
2017	4	76001	7600122	1	19		11	1,4567		23615	344
2017	4	99001		2	19		18		2,2346		
2017	4	15572		1	19		18	0,8429		16017	135
2017	4	25799		1	19		18	1,4674		6065	89
2017	4	25286		1	19		18	1,7167		34193	587
2017	4	25473		1	19		18	1,4481		35977	521
2017	4	25175		1	19		18	0,8451		63783	539
2017	4	25758		1	19		18	1,2531		14444	181
2017	4	25307		1	19		18	0,5991		40397	242
2017	4	25377		1	19		18	0,5475		12421	68
2017	4	68081		1	19		18	0,411		61070	251
2017	4	15238		1	19		18	0,4544		70870	322
2017	4	25430		1	19		18	1,2574		34992	440
2017	4	68679		1	19		18	0,4751		15154	72
2017	4	25214		1	19		18	1,0352		21639	224
2017	4	44001		1	19		18	0,4947		24866	123
2017	4	15001		1	19		18	0,5122		134522	689
2017	4	85001		1	19		18	0,6605		125361	828
2017	4	19001		1	19		18	0,3545		126376	448
2017	4	81001		1	19		18	0,3353		20279	68
2017	4	68307		1	19		18	0,601		25789	155
2017	4	15491		1	19		18	0,6922		4623	32
2017	4	25817		1	19		18	0,4885		13512	66
2017	4	68276		1	19		18	0,9882		52114	515
2017	4	25754		1	19		18	1,0013		139817	1400
2017	4	25290		1	19		18	1,0413		54449	567
2017	4	25126		1	19		18	1,7848		30871	551
2017	4	25899		1	19		18	1,2358		49684	614
2017	4	25269		1	19		18	1,1187		57476	643
2017	4	68547		1	19		18	1,0364		23349	242
2017	4	15759		1	19		18	0,503		73165	368
2017	4	94001		2	19		19		4,2093		
2017	4	73268		1	19		19	0,7758		23590	183
2017	4	44847		1	19		19	0,3507		5132	18
2017	4	5088		1	19		19	1,9055		67123	1279
2017	4	5837		1	19		19	1,2403		21527	267
2017	4	5615		1	19		19	0,506		55337	280
2017	4	5129		1	19		19	1,0436		16865	176
2017	4	50006		1	19		19	1,135		33304	378
2017	4	5376		1	19		19	0,8785		13887	122
2017	4	5212		1	19		19	1,4702		13808	203
2017	4	5308		1	19		19	1,7527		10270	180
2017	4	8573		1	19		19	0,3026		8922	27
2017	4	85410		1	19		19	1,4733		8688	128
2017	4	54874		1	19		19	1,3087		14289	187
2017	4	50568		1	19		19	0,7778		12729	99
2017	4	5360		1	19		19	1,8437		35527	655
2017	4	5045		1	19		19	0,9028		32122	290
2017	4	5631		1	19		19	1,3779		19886	274
2017	4	18001		1	19		19	0,549		78139	429
2017	4	88001		2	19		19	0,5559		8635	48
2017	4	95001		2	19		19	0,1977		13657	27
2017	4	5380		1	19		19	1,487		10289	153
2017	4	5607		1	19		19	0,2731		6224	17
2017	4	44430		1	19		19	0,3321		10840	36
2017	4	54405		1	19		19	0,4287		20295	87
2017	4	17380		1	19		19	0,9529		22772	217
2017	4	5318		1	19		19	0,497		12274	61
2017	4	20011		1	19		19	0,4072		19154	78
2017	4	44560		1	19		19	0,4582		1964	9
2017	4	66170		1	19		19	0,5727		57970	332
2017	4	5266		1	19		19	1,5106		44287	669
2017	4	20400		1	19		19	0,4613		14306	66
2017	4	54498		1	19		19	0,5652		22825	129
2017	4	73449		1	19		19	0,51		19214	98
2017	4	41551		1	19		19	0,9566		39827	381
2017	4	8758		1	19		19	0,6047		45640	276



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	52835		1	19		20	0,6883		22229	153
2017	4	52356		1	19		20	1,0051		13730	138
2017	4	86001		2	20	9		0,3521		19029	67
2017	4	23001		1	20	9		0,479		162632	779
2017	4	76001	7600121	1	20	10		0,6515		4144	27
2017	4	76001	7600122	1	20	10		1,3501		24369	329
2017	4	99001		2	20	10			1,874		
2017	4	8001	800105	1	20	10		0,522		39844	208
2017	4	8001	800103	1	20	10		0,6845		40319	276
2017	4	8001	800102	1	20	10		0,8346		18931	158
2017	4	8001	800101	1	20	10		0,9307		29009	270
2017	4	8001	800104	1	20	10		0,4571		142410	651
2017	4	68001	6800111	1	20	10		0,451		4213	19
2017	4	68001	6800117	1	20	10		0,817		3060	25
2017	4	68001	6800101	1	20	10		0,6528		5668	37
2017	4	68001	6800115	1	20	10		0,6471		15453	100
2017	4	68001	6800113	1	20	10		0,644		30902	199
2017	4	68001	6800110	1	20	10		0,9638		8404	81
2017	4	68001	6800104	1	20	10		0,5029		13920	70
2017	4	68001	6800107	1	20	10		0,8472		3069	26
2017	4	68001	6800106	1	20	10		0,5491		12566	69
2017	4	68001	6800105	1	20	10		1,1124		7551	84
2017	4	68001	6800103	1	20	10		0,5381		19328	104
2017	4	68001	6800108	1	20	10		0,8653		2658	23
2017	4	68001	6800116	1	20	10		0,7179		6268	45
2017	4	68001	6800112	1	20	10		0,4989		31071	155
2017	4	11001	1100107	1	20	10		1,1323		134943	1528
2017	4	11001	1100111	1	20	10		0,8613		367687	3167
2017	4	11001	1100105	1	20	10		0,7542		59137	446
2017	4	11001	1100108	1	20	10		1,1699		354140	4143
2017	4	11001	1100101	1	20	10		1,0103		323369	3267
2017	4	11001	1100110	1	20	10		0,7489		285210	2136
2017	4	11001	1100109	1	20	10		0,9033		231607	2092
2017	4	11001	1100114	1	20	10		0,909		142461	1295
2017	4	11001	1100103	1	20	10		0,7016		140386	985
2017	4	11001	1100102	1	20	10		0,5796		303475	1759
2017	4	11001	1100117	1	20	10		0,6581		59410	391
2017	4	11001	1100106	1	20	10		1,1531		64868	748
2017	4	11001	1100113	1	20	10		1,1435		189856	2171
2017	4	11001	1100118	1	20	10		0,9154		100943	924
2017	4	11001	1100116	1	20	10		0,6703		213183	1429
2017	4	11001	1100104	1	20	10		1,4695		75057	1103
2017	4	11001	1100115	1	20	10		1,1985		57487	689
2017	4	11001	1100112	1	20	10		0,7506		156546	1175
2017	4	11001	1100119	1	20	10		1,079		106488	1149
2017	4	76001	7600101	1	20	10		0,9681		5681	55
2017	4	76001	7600102	1	20	10		0,383		83025	318
2017	4	76001	7600103	1	20	10		0,6342		58022	368
2017	4	76001	7600104	1	20	10		0,1752		22258	39
2017	4	76001	7600105	1	20	10		0,269		21558	58
2017	4	76001	7600106	1	20	10		0,2839		12327	35
2017	4	76001	7600107	1	20	10		0,3074		8457	26
2017	4	76001	7600108	1	20	10		0,3282		25899	85
2017	4	76001	7600109	1	20	10		0,3992		22045	88
2017	4	76001	7600110	1	20	10		0,5836		21246	124
2017	4	76001	7600111	1	20	10		0,658		11551	76
2017	4	76001	7600112	1	20	10		0,3213		3735	12
2017	4	76001	7600113	1	20	10		0,5122		15228	78
2017	4	76001	7600114	1	20	10		0,7938		14740	117
2017	4	76001	7600115	1	20	10		0,5336		6934	37
2017	4	76001	7600116	1	20	10		0,724		10774	78
2017	4	76001	7600117	1	20	10		0,7514		51237	385
2017	4	76001	7600118	1	20	10		1,2272		17764	218
2017	4	76001	7600119	1	20	10		0,6867		62178	427
2017	4	76001	7600120	1	20	10		1,0129		3258	33
2017	4	76111		1	20		10	0,3708		17530	65
2017	4	50001	5000101	1	20	10		0,5029		19883	100
2017	4	50001	5000102	1	20	10		0,3801		69988	266
2017	4	50001	5000103	1	20	10		0,1937		27872	54
2017	4	50001	5000104	1	20	10		0,4611		23420	108
2017	4	50001	5000105	1	20	10		0,4368		47851	209
2017	4	50001	5000106	1	20	10		0,0864		12728	11
2017	4	50001	5000107	1	20	10		0,7855		39210	308
2017	4	50001	5000108	1	20	10		1,4999		18135	272
2017	4	73001	7300101	1	20	10		0,2296		33974	78
2017	4	73001	7300102	1	20	10		0,2764		3256	9
2017	4	73001	7300103	1	20	10		0,4787		10444	50
2017	4	73001	7300104	1	20	10		0,3508		14540	51
2017	4	73001	7300105	1	20	10		0,4793		15648	75



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	73001	7300106	1	20	10		0,3902		7176	28
2017	4	73001	7300107	1	20	10		0,9343		14236	133
2017	4	73001	7300108	1	20	10		0,7863		11065	87
2017	4	73001	7300109	1	20	10		2,3179		27999	649
2017	4	73001	7300110	1	20	10		0,2554		26238	67
2017	4	73001	7300111	1	20	10		0,2065		4359	9
2017	4	73001	7300112	1	20	10		0,2833		7765	22
2017	4	73001	7300113	1	20	10		0,6105		4259	26
2017	4	13001	1300102	1	20	10		0,5159		52141	269
2017	4	13001	1300103	1	20	10		0,4803		65581	315
2017	4	13001	1300101	1	20	10		0,4131		121758	503
2017	4	13001		1	20	10		0,4539		239480	1087
2017	4	47001		1	20	10		0,5485		84230	462
2017	4	17001		1	20	10		0,5549		190131	1055
2017	4	63001		1	20	10		0,8253		111110	917
2017	4	11001		1	20	10		0,9089		3366253	30597
2017	4	52001		1	20	10		0,6181		112443	695
2017	4	73001		1	20	10		0,7169		183278	1314
2017	4	41001		1	20	10		0,4303		133846	576
2017	4	20001		1	20	10		0,2845		92093	262
2017	4	66001		1	20	10		0,4237		201781	855
2017	4	50001		1	20	10		0,5834		286263	1670
2017	4	8001		1	20	10		0,5837		273068	1594
2017	4	76001		1	20	10		0,6185		517222	3199
2017	4	68001		1	20	10		0,6378		165885	1058
2017	4	70001		1	20	10		0,4176		70161	293
2017	4	76834		1	20	10		0,4972		30373	151
2017	4	76109		1	20	10		0,4901		54687	268
2017	4	76147		1	20	10		0,3582		33782	121
2017	4	76520		1	20	10		0,7292		59377	433
2017	4	76892		1	20	10		0,3169		46071	146
2017	4	76130		1	20	10		0,7156		16211	116
2017	4	76364		1	20	10		0,5786		22987	133
2017	4	5001	500102	1	20	17		2,037		16397	334
2017	4	5001		1	20	17		1,3635		689332	9399
2017	4	5001	500110	1	20	17		1,4035		162239	2277
2017	4	5001	500108	1	20	17		1,6166		15279	247
2017	4	5001	500106	1	20	17		1,5736		14807	233
2017	4	5001	500111	1	20	17		1,1723		77201	905
2017	4	5001	500116	1	20	17		1,1882		54955	653
2017	4	5001	500101	1	20	17		1,8746		4481	84
2017	4	5001	500107	1	20	17		2,2191		31545	700
2017	4	5001	500104	1	20	17		2,049		22108	453
2017	4	5001	500105	1	20	17		1,9805		34436	682
2017	4	5001	500115	1	20	17		1,1196		45643	511
2017	4	5001	500103	1	20	17		1,8775		9161	172
2017	4	5001	500114	1	20	17		0,9071		120607	1094
2017	4	5001	500112	1	20	17		0,7865		22885	180
2017	4	5001	500113	1	20	17		1,1563		18939	219
2017	4	5001	500109	1	20	17		1,8116		18106	328
2017	4	54001	5400106	1	20	18		1,1906		27213	324
2017	4	15759		1	20	18		0,4899		76546	375
2017	4	54001	5400104	1	20	18		0,9085		16291	148
2017	4	54001	5400110	1	20	18		1,0959		10129	111
2017	4	54001	5400108	1	20	18		1,15		25912	298
2017	4	54001	5400105	1	20	18		0,8327		32543	271
2017	4	54001	5400103	1	20	18		1,3504		13107	177
2017	4	54001	5400107	1	20	18		1,0267		22888	235
2017	4	54001	5400109	1	20	18		0,7616		15888	121
2017	4	54001	5400102	1	20	18		0,7079		30797	218
2017	4	91001		2	20	18			4,1451		
2017	4	15572		1	20	18		0,749		16421	123
2017	4	25799		1	20	18		1,704		5810	99
2017	4	50006		1	20	18		0,941		37300	351
2017	4	25286		1	20	18		1,8539		34144	633
2017	4	25473		1	20	18		1,4006		33913	475
2017	4	25175		1	20	18		0,9178		61343	563
2017	4	50568		1	20	18		0,4804		12907	62
2017	4	25758		1	20	18		1,2409		14183	176
2017	4	25307		1	20	18		0,6692		39448	264
2017	4	25377		1	20	18		0,5729		12043	69
2017	4	15238		1	20	18		0,3097		74901	232
2017	4	25430		1	20	18		1,4353		34278	492
2017	4	25214		1	20	18		1,5163		24204	367
2017	4	18001		1	20	18		0,4387		92551	406
2017	4	19001		1	20	18		0,3948		130691	516
2017	4	15001		1	20	18		0,5491		137317	754
2017	4	85001		1	20	18		0,7698		122764	945
2017	4	54001		1	20	18		0,8955		243443	2180



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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	4	81001		1	20	18		0,3379		20423	69
2017	4	15491		1	20		18	0,7057		4676	33
2017	4	25817		1	20		18	0,617		12967	80
2017	4	25754		1	20		18	0,9988		137872	1377
2017	4	25290		1	20		18	1,0292		52759	543
2017	4	25126		1	20		18	1,8099		30776	557
2017	4	25899		1	20		18	1,088		47152	513
2017	4	25269		1	20		18	0,7895		54973	434
2017	4	54001	5400101	1	20	18		0,3739		46000	172
2017	4	94001		2	20	19			2,9503		
2017	4	73268		1	20		19	0,5053		22957	116
2017	4	5376		1	20		19	0,7121		13622	97
2017	4	44847		1	20		19	0,3197		5318	17
2017	4	5088		1	20		19	1,9677		68354	1345
2017	4	5837		1	20		19	0,9407		23387	220
2017	4	5615		1	20		19	0,4823		56190	271
2017	4	5129		1	20		19	1,0284		17211	177
2017	4	5308		1	20		19	1,6392		10859	178
2017	4	8573		1	20		19	0,5123		10541	54
2017	4	85410		1	20		19	1,6503		8241	136
2017	4	54874		1	20		19	1,1371		14247	162
2017	4	5360		1	20		19	1,8673		37274	696
2017	4	68081		1	20		19	0,57		54390	310
2017	4	5045		1	20		19	0,7726		32359	250
2017	4	5631		1	20		19	1,1851		20252	240
2017	4	68679		1	20		19	3,8037		14775	562
2017	4	44001		1	20	19		0,5156		22888	118
2017	4	95001		2	20	19		0,2242		12933	29
2017	4	88001		2	20	19		0,3358		8338	28
2017	4	68307		1	20		19	0,9034		21584	195
2017	4	5380		1	20		19	1,2497		10883	136
2017	4	5607		1	20		19	0,3207		6548	21
2017	4	44430		1	20		19	0,2375		11370	27
2017	4	68276		1	20		19	1,1162		46944	524
2017	4	54405		1	20		19	1,1608		22571	262
2017	4	17380		1	20		19	0,8762		22026	193
2017	4	5318		1	20		19	0,6498		12158	79
2017	4	20011		1	20		19	0,3369		18404	62
2017	4	44560		1	20		19	0,5706		2103	12
2017	4	66170		1	20		19	0,6259		54644	342
2017	4	5266		1	20		19	1,4509		44525	646
2017	4	20400		1	20		19	0,4224		13731	58
2017	4	54498		1	20		19	0,7095		21142	150
2017	4	73449		1	20		19	0,5619		18863	106
2017	4	68547		1	20		19	1,0543		20108	212
2017	4	41551		1	20		19	1,0857		41907	455
2017	4	8758		1	20		19	0,5883		43853	258
2017	4	5212		1	20		19	1,8		14222	256
2017	4	97001		2	20	19			0,3252		
2017	4	52356		1	20		20	1,0591		13219	140
2017	4	52835		1	20		20	0,659		23825	157
2017	4	27001		2	20	20		1,6351		56756	928
2017	4	73001	7300108	1	21	10		0,7754		11478	89
2017	4	73001	7300109	1	21	10		2,409		28228	680
2017	4	73001	7300110	1	21	10		0,2833		27887	79
2017	4	73001	7300111	1	21	10		0,1187		4212	5
2017	4	73001	7300112	1	21	10		0,2583		7742	20
2017	4	73001	7300113	1	21	10		0,6264		3991	25
2017	4	13001	1300102	1	21	10		0,5516		52030	287
2017	4	13001	1300103	1	21	10		0,565		68322	386
2017	4	13001	1300101	1	21	10		0,4933		127315	628
2017	4	47001		1	21	10		0,5219		88910	464
2017	4	11001		1	21	10		0,9343		3457657	32304
2017	4	50001		1	21	10		0,5637		280303	1580
2017	4	23001		1	21	10		0,5092		168892	860
2017	4	63001		1	21	10		0,7966		112348	895
2017	4	17001		1	21	10		0,5456		185861	1014
2017	4	68001		1	21	10		0,6777		168947	1145
2017	4	54001		1	21	10		0,6904		230724	1593
2017	4	52001		1	21	10		0,6181		114224	706
2017	4	86001		2	21	10		0,3221		19246	62
2017	4	70001		1	21	10		0,3586		71953	258
2017	4	73001		1	21	10		0,7407		187267	1387
2017	4	66001		1	21	10		0,4039		210688	851
2017	4	20001		1	21	10		0,2184		97053	212
2017	4	8001		1	21	10		0,6245		285492	1783
2017	4	13001		1	21	10		0,5253		247667	1301
2017	4	41001		1	21	10		1,3629		131042	1786
2017	4	76834		1	21		10	0,4666		31935	149



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	76109		1	21		10	0,3938		55102	217
2017	4	76147		1	21		10	0,2767		35050	97
2017	4	76520		1	21		10	0,6114		59042	361
2017	4	76892		1	21		10	0,4692		45825	215
2017	4	76130		1	21		10	0,9419		15819	149
2017	4	76364		1	21		10	0,5647		23729	134
2017	4	54001	5400106	1	21	10		0,722		25348	183
2017	4	54001	5400101	1	21	10		0,536		57841	310
2017	4	54001	5400104	1	21	10		0,8864		13086	116
2017	4	54001	5400110	1	21	10		0,9144		8858	81
2017	4	54001	5400108	1	21	10		0,4172		19655	82
2017	4	54001	5400105	1	21	10		0,655		30380	199
2017	4	54001	5400103	1	21	10		1,4461		10649	154
2017	4	54001	5400107	1	21	10		0,501		18164	91
2017	4	54001	5400109	1	21	10		0,7158		13411	96
2017	4	54001	5400102	1	21	10		0,6268		30315	190
2017	4	8001	800105	1	21	10		0,6185		41230	255
2017	4	8001	800103	1	21	10		0,5927		41843	248
2017	4	8001	800102	1	21	10		0,8286		18224	151
2017	4	8001	800101	1	21	10		0,9033		30665	277
2017	4	8001	800104	1	21	10		0,5445		150964	822
2017	4	68001	6800111	1	21	10		0,4195		4529	19
2017	4	68001	6800117	1	21	10		0,9689		2993	29
2017	4	68001	6800101	1	21	10		0,5465		5855	32
2017	4	68001	6800115	1	21	10		0,6379		15832	101
2017	4	68001	6800113	1	21	10		0,7122		31591	225
2017	4	68001	6800110	1	21	10		0,9481		8965	85
2017	4	68001	6800104	1	21	10		0,4582		13313	61
2017	4	68001	6800107	1	21	10		0,5362		3357	18
2017	4	68001	6800106	1	21	10		0,6052		12393	75
2017	4	68001	6800105	1	21	10		1,1212		7492	84
2017	4	68001	6800103	1	21	10		0,6053		20156	122
2017	4	68001	6800108	1	21	10		0,708		2825	20
2017	4	68001	6800116	1	21	10		1,0264		6333	65
2017	4	68001	6800112	1	21	10		0,5793		31417	182
2017	4	11001	1100107	1	21	10		1,0872		135760	1476
2017	4	11001	1100111	1	21	10		0,9715		383614	3727
2017	4	11001	1100105	1	21	10		0,8016		59882	480
2017	4	11001	1100108	1	21	10		1,2101		365012	4417
2017	4	11001	1100101	1	21	10		1,2438		343473	4272
2017	4	11001	1100110	1	21	10		0,8461		289801	2452
2017	4	11001	1100109	1	21	10		0,9289		246965	2294
2017	4	11001	1100114	1	21	10		0,8169		143585	1173
2017	4	11001	1100103	1	21	10		0,6939		140368	974
2017	4	11001	1100102	1	21	10		0,4857		308650	1499
2017	4	11001	1100117	1	21	10		0,6917		58985	408
2017	4	11001	1100106	1	21	10		1,2053		65046	784
2017	4	11001	1100113	1	21	10		0,8718		195104	1701
2017	4	11001	1100118	1	21	10		0,9486		103417	981
2017	4	11001	1100116	1	21	10		0,6735		218568	1472
2017	4	11001	1100104	1	21	10		1,4963		75853	1135
2017	4	11001	1100115	1	21	10		1,2507		57088	714
2017	4	11001	1100112	1	21	10		0,6879		156270	1075
2017	4	11001	1100119	1	21	10		1,1523		110216	1270
2017	4	76111		1	21		10	0,3129		18539	58
2017	4	50001	5000101	1	21	10		0,5591		19855	111
2017	4	50001	5000102	1	21	10		0,3448		68737	237
2017	4	50001	5000103	1	21	10		0,2026		25666	52
2017	4	50001	5000104	1	21	10		0,3986		22578	90
2017	4	50001	5000105	1	21	10		0,497		48092	239
2017	4	50001	5000106	1	21	10		0,158		12029	19
2017	4	50001	5000107	1	21	10		1,1446		38266	438
2017	4	50001	5000108	1	21	10		0,5678		18317	104
2017	4	73001	7300101	1	21	10		0,2446		33933	83
2017	4	73001	7300102	1	21	10		0,5104		3135	16
2017	4	73001	7300103	1	21	10		0,3973		11075	44
2017	4	73001	7300104	1	21	10		0,4074		14973	61
2017	4	73001	7300105	1	21	10		0,5535		15718	87
2017	4	73001	7300106	1	21	10		0,5283		7193	38
2017	4	73001	7300107	1	21	10		0,8313		14195	118
2017	4	76001	7600121	1	21	11		0,6492		4313	28
2017	4	76001	7600122	1	21	11		1,2103		24953	302
2017	4	5001	500102	1	21	11		1,6991		13713	233
2017	4	5001	500109	1	21	11		1,3699		17228	236
2017	4	5001	500110	1	21	11		1,1018		170443	1878
2017	4	5001	500108	1	21	11		1,5642		13617	213
2017	4	5001	500106	1	21	11		2,1362		12920	276
2017	4	5001	500111	1	21	11		0,8738		65462	572
2017	4	76001	7600101	1	21	11		0,8914		5497	49



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	76001	7600102	1	21	11		0,4598		84176	387
2017	4	76001	7600103	1	21	11		0,6498		61555	400
2017	4	76001	7600104	1	21	11		0,1438		23639	34
2017	4	76001	7600105	1	21	11		0,2623		22872	60
2017	4	76001	7600106	1	21	11		0,303		12213	37
2017	4	76001	7600107	1	21	11		0,4343		8289	36
2017	4	76001	7600108	1	21	11		0,2873		25761	74
2017	4	76001	7600109	1	21	11		0,4271		22947	98
2017	4	76001	7600110	1	21	11		0,373		21449	80
2017	4	76001	7600111	1	21	11		0,6726		11448	77
2017	4	76001	7600112	1	21	11		0,4057		3697	15
2017	4	76001	7600113	1	21	11		0,7564		15601	118
2017	4	76001	7600114	1	21	11		0,6339		14671	93
2017	4	76001	7600115	1	21	11		0,6106		7042	43
2017	4	76001	7600116	1	21	11		0,767		10560	81
2017	4	76001	7600117	1	21	11		0,748		51736	387
2017	4	76001	7600118	1	21	11		0,8711		17909	156
2017	4	76001	7600119	1	21	11		0,6268		63337	397
2017	4	76001	7600120	1	21	11		0,4484		3345	15
2017	4	5001	500116	1	21	11		1,1437		53421	611
2017	4	5001	500101	1	21	11		2,741		2116	58
2017	4	5001	500107	1	21	11		2,0011		29484	590
2017	4	5001	500104	1	21	11		1,5982		21023	336
2017	4	5001	500105	1	21	11		1,6964		31596	536
2017	4	5001	500115	1	21	11		0,868		44701	388
2017	4	5001	500103	1	21	11		1,6167		8165	132
2017	4	5001	500114	1	21	11		0,7407		113008	837
2017	4	5001	500112	1	21	11		0,8277		22229	184
2017	4	5001	500113	1	21	11		0,9884		17402	172
2017	4	5001		1	21	11		1,141		656094	7486
2017	4	76001		1	21	11		0,5962		528311	3150
2017	4	97001		2	21	16			0,5903		
2017	4	99001		2	21	17			1,7203		
2017	4	91001		2	21	18			3,629		
2017	4	15759		1	21		18	0,4857		79261	385
2017	4	15572		1	21		18	0,9101		16591	151
2017	4	68081		1	21		18	0,4397		65726	289
2017	4	15238		1	21		18	0,3926		77438	304
2017	4	68679		1	21		18	0,5416		18096	98
2017	4	19001		1	21	18		0,3695		143427	530
2017	4	95001		2	21	18		0,2785		16160	45
2017	4	15001		1	21	18		0,5305		142329	755
2017	4	85001		1	21	18		0,9619		129852	1249
2017	4	81001		1	21	18		0,4076		22081	90
2017	4	68307		1	21		18	0,6341		28860	183
2017	4	15491		1	21		18	0,7438		4840	36
2017	4	68276		1	21		18	1,0169		55957	569
2017	4	68547		1	21		18	0,8259		25065	207
2017	4	94001		2	21	18			1,4967		
2017	4	5376		1	21		19	0,8929		14448	129
2017	4	73268		1	21		19	0,5406		24416	132
2017	4	5088		1	21		19	1,974		72898	1439
2017	4	5837		1	21		19	0,7944		26183	208
2017	4	25799		1	21		19	1,9549		4962	97
2017	4	5615		1	21		19	0,5321		58824	313
2017	4	5129		1	21		19	0,931		17508	163
2017	4	50006		1	21		19	1,1394		33789	385
2017	4	25286		1	21		19	1,7207		29755	512
2017	4	25473		1	21		19	1,3883		32197	447
2017	4	52356		1	21		19	0,9571		20270	194
2017	4	5308		1	21		19	1,7728		11056	196
2017	4	8573		1	21		19	0,4625		9729	45
2017	4	85410		1	21		19	1,6862		8777	148
2017	4	25175		1	21		19	0,9652		54499	526
2017	4	54874		1	21		19	1,2688		14896	189
2017	4	50568		1	21		19	0,6667		12149	81
2017	4	5360		1	21		19	1,8019		38016	685
2017	4	25758		1	21		19	1,4691		10891	160
2017	4	25307		1	21		19	0,7867		35721	281
2017	4	25377		1	21		19	0,7697		10653	82
2017	4	25430		1	21		19	1,5384		32762	504
2017	4	5045		1	21		19	0,7486		36066	270
2017	4	5631		1	21		19	1,1763		20913	246
2017	4	25214		1	21		19	1,3772		18516	255
2017	4	27001		2	21	19		1,2464		73414	915
2017	4	88001		2	21	19		0,4848		9283	45
2017	4	18001		1	21	19		0,5825		80178	467
2017	4	44001		1	21	19		0,464		23922	111
2017	4	25817		1	21	19		0,6924		11121	77



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5380		1	21		19	1,1957		11040	132
2017	4	5607		1	21		19	0,3967		6807	27
2017	4	44430		1	21		19	0,4025		12421	50
2017	4	54405		1	21		19	0,4782		21748	104
2017	4	25754		1	21		19	1,2212		146170	1785
2017	4	17380		1	21		19	0,8161		22668	185
2017	4	5318		1	21		19	0,5735		12903	74
2017	4	25290		1	21		19	1,3151		47600	626
2017	4	20011		1	21		19	0,4486		19393	87
2017	4	44560		1	21		19	0,5196		2117	11
2017	4	66170		1	21		19	0,5673		61169	347
2017	4	25126		1	21		19	1,5038		26200	394
2017	4	5266		1	21		19	1,5802		45121	713
2017	4	25899		1	21		19	1,2563		42745	537
2017	4	20400		1	21		19	0,5491		13840	76
2017	4	54498		1	21		19	0,6468		24429	158
2017	4	25269		1	21		19	0,7592		53081	403
2017	4	52835		1	21		19	0,829		26778	222
2017	4	73449		1	21		19	0,6543		20633	135
2017	4	41551		1	21		19	0,9446		44779	423
2017	4	8758		1	21		19	0,5297		46823	248
2017	4	5212		1	21		19	1,6365		14849	243
2017	4	44847		1	21		19	0,2009		5475	11
2017	4	73001	7300104	1	22	10		0,2957		14202	42
2017	4	73001	7300105	1	22	10		0,4707		17420	82
2017	4	73001	7300106	1	22	10		0,3405		6755	23
2017	4	73001	7300107	1	22	10		0,9655		14811	143
2017	4	73001	7300108	1	22	10		0,8876		11604	103
2017	4	73001	7300109	1	22	10		2,1754		27811	605
2017	4	73001	7300110	1	22	10		0,3036		23717	72
2017	4	73001	7300111	1	22	10		0,2846		4568	13
2017	4	73001	7300112	1	22	10		0,3272		7335	24
2017	4	73001	7300113	1	22	10		0,5842		3937	23
2017	4	13001	1300102	1	22	10		1,1534		51848	598
2017	4	13001	1300103	1	22	10		0,6995		65472	458
2017	4	13001	1300101	1	22	10		0,4766		112040	534
2017	4	47001		1	22	10		0,5588		82498	461
2017	4	20001		1	22	10		0,2514		89090	224
2017	4	52001		1	22	10		0,6114		105324	644
2017	4	81001		1	22	10		0,3591		18099	65
2017	4	85001		1	22	10		0,7667		110610	848
2017	4	19001		1	22	10		0,2888		120134	347
2017	4	23001		1	22	10		0,5275		159431	841
2017	4	18001		1	22	10		0,4119		81093	334
2017	4	8001		1	22	10		0,5975		251709	1504
2017	4	68001		1	22	10		0,6842		156681	1072
2017	4	70001		1	22	10		0,3294		66482	219
2017	4	86001		2	22	10		0,4851		14841	72
2017	4	13001		1	22	10		0,6932		229360	1590
2017	4	54001		1	22	10		0,7097		240801	1709
2017	4	63001		1	22	10		0,8023		99467	798
2017	4	15001		1	22	10		0,3752		118082	443
2017	4	66001		1	22	10		0,3822		185508	709
2017	4	44001		1	22	10		0,807		24534	198
2017	4	73001		1	22	10		0,7267		174623	1269
2017	4	50001		1	22	10		0,5355		268743	1439
2017	4	68307		1	22	10		0,4706		32090	151
2017	4	15491		1	22	10		0,3977		5280	21
2017	4	25817		1	22	10		0,4532		12135	55
2017	4	5380		1	22	10		1,0354		13039	135
2017	4	5607		1	22	10		0,3923		7903	31
2017	4	68276		1	22	10		1,1088		49605	550
2017	4	25754		1	22	10		0,8554		130238	1114
2017	4	5318		1	22	10		0,4578		12887	59
2017	4	25290		1	22	10		1,0142		51963	527
2017	4	66170		1	22	10		0,4105		60905	250
2017	4	25126		1	22	10		1,1715		31071	364
2017	4	5266		1	22	10		1,232		56575	697
2017	4	25899		1	22	10		0,8774		45589	400
2017	4	25269		1	22	10		0,6005		48789	293
2017	4	76834		1	22	10		0,6268		30154	189
2017	4	76109		1	22	10		0,4255		51230	218
2017	4	68547		1	22	10		0,8578		24014	206
2017	4	15759		1	22	10		0,429		66197	284
2017	4	76147		1	22	10		0,2415		33537	81
2017	4	8758		1	22	10		0,6554		46233	303
2017	4	76520		1	22	10		0,6029		55231	333
2017	4	76892		1	22	10		0,3932		38403	151
2017	4	5212		1	22	10		1,9982		16515	330



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	76130		1	22		10	1,0865		14542	158
2017	4	76364		1	22		10	0,6166		25136	155
2017	4	54001	5400106	1	22	10		0,9345		30818	288
2017	4	54001	5400101	1	22	10		0,3929		53700	211
2017	4	54001	5400104	1	22	10		0,9893		15870	157
2017	4	54001	5400110	1	22	10		0,6973		9609	67
2017	4	54001	5400108	1	22	10		0,5531		22059	122
2017	4	54001	5400105	1	22	10		0,6732		32826	221
2017	4	54001	5400103	1	22	10		1,437		11830	170
2017	4	54001	5400107	1	22	10		0,5541		19310	107
2017	4	54001	5400109	1	22	10		0,7099		14650	104
2017	4	54001	5400102	1	22	10		0,6594		26237	173
2017	4	8001	800105	1	22	10		0,2967		38757	115
2017	4	8001	800103	1	22	10		0,8291		41611	345
2017	4	8001	800102	1	22	10		1,0609		19417	206
2017	4	8001	800101	1	22	10		1,1471		31907	366
2017	4	8001	800104	1	22	10		0,3777		117565	444
2017	4	68001	6800111	1	22	10		0,5728		4714	27
2017	4	68001	6800117	1	22	10		1,1932		3520	42
2017	4	68001	6800101	1	22	10		0,7181		6127	44
2017	4	68001	6800115	1	22	10		0,5175		11208	58
2017	4	68001	6800113	1	22	10		0,588		27550	162
2017	4	68001	6800110	1	22	10		1,1802		10507	124
2017	4	68001	6800104	1	22	10		0,4666		12646	59
2017	4	68001	6800107	1	22	10		0,6376		3137	20
2017	4	68001	6800106	1	22	10		0,6706		12527	84
2017	4	68001	6800105	1	22	10		1,0947		7673	84
2017	4	68001	6800103	1	22	10		0,5807		20148	117
2017	4	68001	6800108	1	22	10		0,7288		3293	24
2017	4	68001	6800116	1	22	10		0,8639		6251	54
2017	4	68001	6800112	1	22	10		0,5604		25159	141
2017	4	5376		1	22	10		0,5857		14513	85
2017	4	15572		1	22	10		0,7371		15058	111
2017	4	5088		1	22	10		1,4095		66263	934
2017	4	5837		1	22	10		0,5146		23321	120
2017	4	25799		1	22	10		1,3505		6664	90
2017	4	5615		1	22	10		0,4943		64934	321
2017	4	5129		1	22	10		1,063		16934	180
2017	4	25286		1	22	10		1,0562		35222	372
2017	4	25473		1	22	10		0,9525		33281	317
2017	4	5308		1	22	10		1,9792		12379	245
2017	4	8573		1	22	10		0,9374		15681	147
2017	4	25175		1	22	10		0,7941		62335	495
2017	4	5360		1	22	10		1,2652		57699	730
2017	4	25758		1	22	10		0,9704		16797	163
2017	4	25307		1	22	10		0,5446		39847	217
2017	4	25377		1	22	10		4,9444		14198	702
2017	4	68081		1	22	10		0,4277		62894	269
2017	4	15238		1	22	10		0,2892		74008	214
2017	4	25430		1	22	10		1,1859		33138	393
2017	4	76111		1	22	10		0,3647		16725	61
2017	4	5045		1	22	10		0,5743		38135	219
2017	4	5631		1	22	10		0,9752		25532	249
2017	4	68679		1	22	10		0,4989		16436	82
2017	4	25214		1	22	10		1,2753		25955	331
2017	4	50001	5000101	1	22	10		0,5427		18428	100
2017	4	50001	5000102	1	22	10		0,3673		49277	181
2017	4	50001	5000103	1	22	10		0,2066		28554	59
2017	4	50001	5000104	1	22	10		0,3186		23541	75
2017	4	50001	5000105	1	22	10		0,4074		51059	208
2017	4	50001	5000106	1	22	10		0,1069		12161	13
2017	4	50001	5000107	1	22	10		1,0254		40958	420
2017	4	50001	5000108	1	22	10		0,5297		20202	107
2017	4	73001	7300101	1	22	10		0,2254		25290	57
2017	4	73001	7300102	1	22	10		0,2465		3245	8
2017	4	73001	7300103	1	22	10		0,4317		10424	45
2017	4	76001	7600121	1	22	11		0,5511		4536	25
2017	4	76001	7600122	1	22	11		1,4407		24987	360
2017	4	99001		2	22	11			1,4259		
2017	4	5001	500102	1	22	11		1,6008		14868	238
2017	4	5001	500109	1	22	11		1,5127		19568	296
2017	4	5001	500110	1	22	11		1,0323		145601	1503
2017	4	5001	500108	1	22	11		1,556		15103	235
2017	4	5001	500106	1	22	11		2,3884		13691	327
2017	4	5001	500111	1	22	11		1,1489		63451	729
2017	4	11001	1100107	1	22	11		1,1489		148756	1709
2017	4	11001	1100111	1	22	11		1,0365		398653	4132
2017	4	11001	1100105	1	22	11		0,7466		64027	478
2017	4	11001	1100108	1	22	11		1,1865		379942	4508



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	11001	1100101	1	22	11		1,0372		294438	3054
2017	4	11001	1100110	1	22	11		0,7902		293091	2316
2017	4	11001	1100109	1	22	11		0,9258		206418	1911
2017	4	11001	1100114	1	22	11		0,6314		133355	842
2017	4	11001	1100103	1	22	11		0,7045		100351	707
2017	4	11001	1100102	1	22	11		0,4222		173870	734
2017	4	11001	1100117	1	22	11		0,8644		34013	294
2017	4	11001	1100106	1	22	11		1,3079		69119	904
2017	4	11001	1100113	1	22	11		0,7564		134461	1017
2017	4	11001	1100118	1	22	11		1,088		110758	1205
2017	4	11001	1100116	1	22	11		0,6163		186770	1151
2017	4	11001	1100104	1	22	11		1,4609		80705	1179
2017	4	11001	1100115	1	22	11		1,2119		58998	715
2017	4	11001	1100112	1	22	11		0,6107		130832	799
2017	4	11001	1100119	1	22	11		1,1434		114483	1309
2017	4	76001	7600101	1	22	11		0,8837		6450	57
2017	4	76001	7600102	1	22	11		0,3198		64737	207
2017	4	76001	7600103	1	22	11		0,5784		40631	235
2017	4	76001	7600104	1	22	11		0,1112		20676	23
2017	4	76001	7600105	1	22	11		0,2275		23299	53
2017	4	76001	7600106	1	22	11		0,2562		14440	37
2017	4	76001	7600107	1	22	11		0,3972		8308	33
2017	4	76001	7600108	1	22	11		0,3237		25334	82
2017	4	76001	7600109	1	22	11		0,4396		23201	102
2017	4	76001	7600110	1	22	11		0,4713		24190	114
2017	4	76001	7600111	1	22	11		0,5665		12181	69
2017	4	76001	7600112	1	22	11		0,3471		4033	14
2017	4	76001	7600113	1	22	11		0,6567		16142	106
2017	4	76001	7600114	1	22	11		0,5488		14941	82
2017	4	76001	7600115	1	22	11		0,6792		7214	49
2017	4	76001	7600116	1	22	11		0,6414		11694	75
2017	4	76001	7600117	1	22	11		0,5442		54210	295
2017	4	76001	7600118	1	22	11		1,1419		18127	207
2017	4	76001	7600119	1	22	11		0,6033		53373	322
2017	4	76001	7600120	1	22	11		1,2275		3503	43
2017	4	5001	500116	1	22	11		0,956		55337	529
2017	4	5001	500101	1	22	11		1,5111		4500	68
2017	4	5001	500107	1	22	11		1,9789		31584	625
2017	4	5001	500104	1	22	11		1,3405		20365	273
2017	4	5001	500105	1	22	11		1,6951		31385	532
2017	4	5001	500115	1	22	11		0,9006		36865	332
2017	4	5001	500103	1	22	11		1,3762		9083	125
2017	4	5001	500114	1	22	11		0,7642		87155	666
2017	4	5001	500112	1	22	11		0,7281		23350	170
2017	4	5001	500113	1	22	11		1,1003		18995	209
2017	4	88001		2	22	11		0,4716		9329	44
2017	4	11001		1	22	11		0,9304		3113040	28964
2017	4	41001		1	22	11		0,4021		130083	523
2017	4	76001		1	22	11		0,574		488502	2804
2017	4	17001		1	22	11		0,4659		163136	760
2017	4	5001		1	22	11		1,1689		612730	7162
2017	4	94001		2	22	19			3,1818		
2017	4	73268		1	22	19		0,4675		26097	122
2017	4	97001		2	22	19			0,3448		
2017	4	44847		1	22	19		0,3028		5614	17
2017	4	50006		1	22	19		0,8977		34420	309
2017	4	91001		2	22	19			3,9863		
2017	4	41551		1	22	19		0,8979		41655	374
2017	4	85410		1	22	19		1,3038		7593	99
2017	4	54874		1	22	19		1,1724		16292	191
2017	4	50568		1	22	19		1,4374		11479	165
2017	4	27001		2	22	19		0,9623		73577	708
2017	4	95001		2	22	19		0,325		12922	42
2017	4	44430		1	22	19		0,2571		11669	30
2017	4	54405		1	22	19		0,4791		22752	109
2017	4	17380		1	22	19		0,8504		23400	199
2017	4	20011		1	22	19		0,4211		19475	82
2017	4	44560		1	22	19		0,6135		1956	12
2017	4	20400		1	22	19		0,4226		12542	53
2017	4	54498		1	22	19		0,491		23831	117
2017	4	73449		1	22	19		0,7178		22986	165
2017	4	52835		1	22	20		0,708		26272	186
2017	4	52356		1	22	20		0,6592		16383	108
2017	4	8001		1	23	11		0,6613		135632	897
2017	4	8001	800105	1	23	11		0,3324		19253	64
2017	4	8001	800104	1	23	11		0,5713		46738	267
2017	4	8001	800101	1	23	11		0,8369		25213	211
2017	4	8001	800102	1	23	11		0,7651		16729	128
2017	4	8001	800103	1	23	11		0,816		25735	210



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	25175		1	23		19	0,8535		39721	339
2017	4	25758		1	23		19	1,0486		9250	97
2017	4	25307		1	23		19	0,6499		25852	168
2017	4	25377		1	23		19	0,6734		9355	63
2017	4	68081		1	23		19	0,5711		45529	260
2017	4	15238		1	23		19	0,5188		43948	228
2017	4	25430		1	23		19	1,2709		25257	321
2017	4	68679		1	23		19	0,473		9726	46
2017	4	25214		1	23		19	1,2117		10481	127
2017	4	15759		1	23		19	0,5988		45588	273
2017	4	13001	1300103	1	23	19		0,8334		48119	401
2017	4	13001	1300101	1	23	19		0,4882		60013	293
2017	4	15001		1	23	19		0,4401		72716	320
2017	4	44001		1	23	19		0,4913		19134	94
2017	4	20001		1	23	19		0,2916		60363	176
2017	4	13001		1	23	19		0,6119		149537	915
2017	4	85001		1	23	19		0,7639		78149	597
2017	4	81001		1	23	19		0,4733		12888	61
2017	4	68307		1	23		19	0,75		18534	139
2017	4	15491		1	23		19	0,7359		3669	27
2017	4	25817		1	23		19	0,5119		9376	48
2017	4	68276		1	23		19	0,8145		40517	330
2017	4	25754		1	23		19	1,1419		126284	1442
2017	4	25290		1	23		19	1,3053		39072	510
2017	4	25126		1	23		19	1,2099		20581	249
2017	4	25899		1	23		19	1,0433		33931	354
2017	4	25269		1	23		19	0,801		42199	338
2017	4	68547		1	23		19	1,0019		18464	185
2017	4	85410		1	23		19	1,3499		6741	91
2017	4	25473		1	23		19	1,0802		23884	258
2017	4	25286		1	23		19	1,5123		21094	319
2017	4	25799		1	23		19	1,4536		3371	49
2017	4	15572		1	23		19	0,8882		12272	109
2017	4	99001		2	23	19			2,5281		
2017	4	13001	1300102	1	23	19		0,5338		41405	221
2017	4	76001	7600121	1	23	20		0,4006		5242	21
2017	4	76001	7600122	1	23	20		2,3598		8899	210
2017	4	54001	5400106	1	23	20		1,3315		19677	262
2017	4	54001	5400101	1	23	20		0,5071		6902	35
2017	4	54001	5400104	1	23	20		0,8182		10511	86
2017	4	54001	5400110	1	23	20		0,6742		6378	43
2017	4	54001	5400108	1	23	20		0,7834		21829	171
2017	4	54001	5400105	1	23	20		0,674		14095	95
2017	4	54001	5400103	1	23	20		0,9515		9249	88
2017	4	54001	5400107	1	23	20		0,9137		18387	168
2017	4	54001	5400109	1	23	20		0,9063		12137	110
2017	4	54001	5400102	1	23	20		0,6676		10635	71
2017	4	94001		2	23	20			2,5884		
2017	4	91001		2	23	20			4,0379		
2017	4	97001		2	23	20			0		
2017	4	5001	500102	1	23	20		1,7499		17144	300
2017	4	5001	500109	1	23	20		1,9383		18109	351
2017	4	5001	500110	1	23	20		1,7764		27528	489
2017	4	5001	500108	1	23	20		2,2308		14569	325
2017	4	5001	500106	1	23	20		1,9399		15929	309
2017	4	5001	500111	1	23	20		2,1979		24705	543
2017	4	68001	6800111	1	23	20		1,001		2897	29
2017	4	68001	6800117	1	23	20		1,1061		2893	32
2017	4	68001	6800101	1	23	20		0,8635		6022	52
2017	4	68001	6800115	1	23	20		0,1789		1118	2
2017	4	68001	6800113	1	23	20		0,6951		11366	79
2017	4	68001	6800110	1	23	20		1,2985		7624	99
2017	4	68001	6800104	1	23	20		1,019		2944	30
2017	4	68001	6800107	1	23	20		0,9264		1943	18
2017	4	68001	6800106	1	23	20		0,5723		4718	27
2017	4	68001	6800105	1	23	20		2,449		4900	120
2017	4	68001	6800103	1	23	20		0,6212		9659	60
2017	4	68001	6800108	1	23	20		1,3503		2518	34
2017	4	68001	6800116	1	23	20		0,8938		4811	43
2017	4	68001	6800112	1	23	20		0,8328		7325	61
2017	4	11001	1100107	1	23	20		1,5456		135418	2093
2017	4	11001	1100111	1	23	20		1,2621		243491	3073
2017	4	11001	1100105	1	23	20		1,1576		64360	745
2017	4	11001	1100108	1	23	20		1,3388		242456	3246
2017	4	11001	1100101	1	23	20		1,2228		130684	1598
2017	4	11001	1100110	1	23	20		0,9709		179316	1741
2017	4	11001	1100109	1	23	20		1,1089		99464	1103
2017	4	11001	1100114	1	23	20		0,7483		28466	213
2017	4	11001	1100103	1	23	20		1,1314		22008	249



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	11001	1100102	1	23		20	0,435		49193	214
2017	4	11001	1100117	1	23		20	1,7538		6329	111
2017	4	11001	1100106	1	23		20	1,6213		48974	794
2017	4	11001	1100113	1	23		20	0,7608		44824	341
2017	4	11001	1100118	1	23		20	1,4129		80188	1133
2017	4	11001	1100116	1	23		20	0,7936		72961	579
2017	4	11001	1100104	1	23		20	1,7691		69413	1228
2017	4	11001	1100115	1	23		20	1,1918		21899	261
2017	4	11001	1100112	1	23		20	0,5563		37572	209
2017	4	11001	1100119	1	23		20	1,4443		106969	1545
2017	4	76001	7600101	1	23		20	0,7773		5789	45
2017	4	76001	7600102	1	23		20	0,4154		25035	104
2017	4	76001	7600103	1	23		20	0,6757		6956	47
2017	4	76001	7600104	1	23		20	0,1834		8180	15
2017	4	76001	7600105	1	23		20	0,2679		16423	44
2017	4	76001	7600106	1	23		20	0,306		12090	37
2017	4	76001	7600107	1	23		20	0,4929		6898	34
2017	4	76001	7600108	1	23		20	0,3759		14632	55
2017	4	76001	7600109	1	23		20	0,4888		5933	29
2017	4	76001	7600110	1	23		20	0,5603		13029	73
2017	4	76001	7600111	1	23		20	0,8085		9648	78
2017	4	76001	7600112	1	23		20	0,3523		3690	13
2017	4	76001	7600113	1	23		20	0,6511		16280	106
2017	4	76001	7600114	1	23		20	0,6844		17827	122
2017	4	76001	7600115	1	23		20	0,8267		8467	70
2017	4	76001	7600116	1	23		20	0,6977		10319	72
2017	4	76001	7600117	1	23		20	0,7871		29731	234
2017	4	76001	7600118	1	23		20	1,2209		14907	182
2017	4	76001	7600119	1	23		20	0,802		23692	190
2017	4	76001	7600120	1	23		20	1,0241		3320	34
2017	4	5376		1	23		20	0,881		10443	92
2017	4	44847		1	23		20	0,2686		4095	11
2017	4	5088		1	23		20	1,5884		56031	890
2017	4	5837		1	23		20	0,8371		20070	168
2017	4	5615		1	23		20	0,4613		33820	156
2017	4	5129		1	23		20	0,882		11792	104
2017	4	50006		1	23		20	1,0303		22905	236
2017	4	52356		1	23		20	0,9626		11739	113
2017	4	5308		1	23		20	0,8067		7438	60
2017	4	8573		1	23		20	0,2459		6100	15
2017	4	54874		1	23		20	1,3826		11283	156
2017	4	50568		1	23		20	0,8108		9250	75
2017	4	5360		1	23		20	1,6664		24124	402
2017	4	76111		1	23		20	0,3911		9972	39
2017	4	5045		1	23		20	0,7048		25398	179
2017	4	5631		1	23		20	0,9694		12173	118
2017	4	50001	5000101	1	23		20	0,6329		9322	59
2017	4	50001	5000102	1	23		20	0,4881		11473	56
2017	4	50001	5000103	1	23		20	0,3067		7500	23
2017	4	50001	5000104	1	23		20	0,5284		19494	103
2017	4	50001	5000105	1	23		20	0,49		34693	170
2017	4	50001	5000106	1	23		20	0,2598		4234	11
2017	4	50001	5000107	1	23		20	1,1547		25029	289
2017	4	50001	5000108	1	23		20	0,5878		14801	87
2017	4	73001	7300101	1	23		20	0,3613		9410	34
2017	4	73001	7300102	1	23		20	0,5854		2733	16
2017	4	73001	7300103	1	23		20	0,8017		3243	26
2017	4	73001	7300104	1	23		20	0,2576		8927	23
2017	4	73001	7300105	1	23		20	0,5174		12177	63
2017	4	73001	7300106	1	23		20	0,5127		5851	30
2017	4	73001	7300107	1	23		20	1,1237		12192	137
2017	4	73001	7300108	1	23		20	0,9539		11322	108
2017	4	73001	7300109	1	23		20	2,8639		14281	409
2017	4	73001	7300110	1	23		20	0,2697		10012	27
2017	4	73001	7300111	1	23		20	0,235		4681	11
2017	4	73001	7300112	1	23		20	0,2986		7032	21
2017	4	73001	7300113	1	23		20	0,7214		4436	32
2017	4	5001	500116	1	23		20	0,9284		31883	296
2017	4	5001	500101	1	23		20	1,3932		5814	81
2017	4	5001	500107	1	23		20	2,2606		28399	642
2017	4	5001	500104	1	23		20	1,65		17212	284
2017	4	5001	500105	1	23		20	2,0832		23186	483
2017	4	5001	500115	1	23		20	1,2165		13563	165
2017	4	5001	500103	1	23		20	1,2783		10874	139
2017	4	5001	500114	1	23		20	1,029		28961	298
2017	4	5001	500112	1	23		20	1,6959		13444	228
2017	4	5001	500113	1	23		20	1,5159		18867	286
2017	4	73001		1	23		20	0,8865		108183	959
2017	4	27001		2	23		20	1,2015		53768	646



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	70001		1	23		20	0,3688		39047	144
2017	4	19001		1	23		20	0,4989		83577	417
2017	4	5001		1	23		20	1,6677		329562	5496
2017	4	11001		1	23		20	1,2159		1683985	20476
2017	4	68001		1	23		20	0,9823		72481	712
2017	4	47001		1	23		20	0,7093		49909	354
2017	4	17001		1	23		20	0,5875		93954	552
2017	4	23001		1	23		20	0,6796		100359	682
2017	4	86001		2	23		20	0,4915		9766	48
2017	4	66001		1	23		20	0,5292		101663	538
2017	4	95001		2	23		20	0,3665		9823	36
2017	4	50001		1	23		20	0,727		146074	1062
2017	4	63001		1	23		20	1,1799		54410	642
2017	4	18001		1	23		20	0,6492		54993	357
2017	4	76001		1	23		20	0,7336		274531	2014
2017	4	88001		2	23		20	0,5163		7360	38
2017	4	41001		1	23		20	0,4774		79180	378
2017	4	54001		1	23		20	0,8882		131952	1172
2017	4	52001		1	23		20	0,9925		60857	604
2017	4	5380		1	23		20	1,1625		7312	85
2017	4	5607		1	23		20	0,4791		4592	22
2017	4	44430		1	23		20	2,0896		8997	188
2017	4	54405		1	23		20	0,3089		16833	52
2017	4	17380		1	23		20	0,7181		16711	120
2017	4	5318		1	23		20	0,6738		9498	64
2017	4	20011		1	23		20	0,4559		16012	73
2017	4	44560		1	23		20	0,7952		1509	12
2017	4	66170		1	23		20	0,5383		41058	221
2017	4	5266		1	23		20	1,2025		27527	331
2017	4	20400		1	23		20	0,5995		9841	59
2017	4	54498		1	23		20	0,6817		18190	124
2017	4	76834		1	23		20	0,5338		19295	103
2017	4	76109		1	23		20	0,6324		32574	206
2017	4	52835		1	23		20	0,447		25055	112
2017	4	73449		1	23		20	0,6414		15747	101
2017	4	41551		1	23		20	0,9363		32147	301
2017	4	76147		1	23		20	0,407		23833	97
2017	4	8758		1	23		20	0,6088		37618	229
2017	4	76520		1	23		20	0,8119		32885	267
2017	4	76892		1	23		20	0,4668		16709	78
2017	4	5212		1	23		20	1,4233		10258	146
2017	4	76130		1	23		20	0,7308		12999	95
2017	4	76364		1	23		20	0,8797		16710	147
2017	4	73268		1	23		20	0,5672		18866	107
2017	4	23001		1	24		9	0,5503		166813	918
2017	4	76001	7600115	1	24		10	0,5708		7358	42
2017	4	76001	7600116	1	24		10	2,0666		10984	227
2017	4	76001	7600117	1	24		10	0,6435		50816	327
2017	4	76001	7600118	1	24		10	0,8829		17556	155
2017	4	76001	7600119	1	24		10	0,5828		62117	362
2017	4	76001	7600120	1	24		10	0,7874		3302	26
2017	4	8573		1	24		10	0,2273		14516	33
2017	4	76111		1	24		10	0,4845		17338	84
2017	4	50001	5000101	1	24		10	0,55		20547	113
2017	4	50001	5000102	1	24		10	0,4029		69504	280
2017	4	50001	5000103	1	24		10	0,3107		27358	85
2017	4	50001	5000104	1	24		10	0,3899		23593	92
2017	4	50001	5000105	1	24		10	0,395		48856	193
2017	4	50001	5000106	1	24		10	0,1013		12833	13
2017	4	50001	5000107	1	24		10	0,8734		38583	337
2017	4	50001	5000108	1	24		10	0,4915		17904	88
2017	4	73001	7300101	1	24		10	0,238		37812	90
2017	4	73001	7300102	1	24		10	0,2653		3392	9
2017	4	73001	7300103	1	24		10	0,887		11500	102
2017	4	73001	7300104	1	24		10	0,2661		15407	41
2017	4	73001	7300105	1	24		10	0,4268		16165	69
2017	4	73001	7300106	1	24		10	0,3798		7109	27
2017	4	73001	7300107	1	24		10	0,8828		14273	126
2017	4	73001	7300108	1	24		10	0,7451		11676	87
2017	4	73001	7300109	1	24		10	1,695		28732	487
2017	4	73001	7300110	1	24		10	0,3323		28288	94
2017	4	73001	7300111	1	24		10	0,1336		4491	6
2017	4	73001	7300112	1	24		10	0,2479		7664	19
2017	4	73001	7300113	1	24		10	0,5311		3954	21
2017	4	13001	1300102	1	24		10	0,5488		52845	290
2017	4	13001	1300103	1	24		10	0,5407		68434	370
2017	4	13001	1300101	1	24		10	0,4194		121611	510
2017	4	47001		1	24		10	0,4252		88200	375
2017	4	68001		1	24		10	0,8426		174219	1468



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	63001		1	24		10	0,6293		114726	722
2017	4	66001		1	24		10	0,4003		204096	817
2017	4	54001		1	24		10	0,5659		238017	1347
2017	4	13001		1	24		10	0,4817		242890	1170
2017	4	73001		1	24		10	0,6216		194181	1207
2017	4	11001		1	24		10	0,8252		3463737	28583
2017	4	88001		2	24		10	0,4467		10074	45
2017	4	20001		1	24		10	0,59		97790	577
2017	4	76001		1	24		10	0,5764		522939	3014
2017	4	70001		1	24		10	0,3689		72647	268
2017	4	52001		1	24		10	0,7882		117985	930
2017	4	8001		1	24		10	0,7443		278099	2070
2017	4	50001		1	24		10	0,537		286206	1537
2017	4	41001		1	24		10	0,3393		139711	474
2017	4	76834		1	24		10	0,4148		32783	136
2017	4	76109		1	24		10	0,3824		49947	191
2017	4	76147		1	24		10	0,4486		35886	161
2017	4	8758		1	24		10	0,5441		48522	264
2017	4	76520		1	24		10	0,5633		58411	329
2017	4	76892		1	24		10	0,3607		46578	168
2017	4	76130		1	24		10	0,7338		16490	121
2017	4	76364		1	24		10	0,6501		25074	163
2017	4	76001	7600121	1	24		10	0,458		4367	20
2017	4	76001	7600122	1	24		10	1,3903		23089	321
2017	4	54001	5400106	1	24		10	0,5774		24766	143
2017	4	54001	5400101	1	24		10	0,3938		60947	240
2017	4	54001	5400104	1	24		10	0,5894		13742	81
2017	4	54001	5400110	1	24		10	0,8073		9166	74
2017	4	54001	5400108	1	24		10	0,4886		20877	102
2017	4	54001	5400105	1	24		10	0,4886		30498	149
2017	4	54001	5400103	1	24		10	1,2575		10736	135
2017	4	54001	5400107	1	24		10	0,5451		19447	106
2017	4	54001	5400109	1	24		10	0,7246		14490	105
2017	4	54001	5400102	1	24		10	0,5539		30150	167
2017	4	8001	800105	1	24		10	0,445		37082	165
2017	4	8001	800103	1	24		10	0,6497		42171	274
2017	4	8001	800102	1	24		10	0,8189		18806	154
2017	4	8001	800101	1	24		10	1,1856		32219	382
2017	4	8001	800104	1	24		10	0,7408		145381	1077
2017	4	68001	6800111	1	24		10	0,2737		4750	13
2017	4	68001	6800117	1	24		10	1,5202		3289	50
2017	4	68001	6800101	1	24		10	0,5135		6621	34
2017	4	68001	6800115	1	24		10	0,6076		16458	100
2017	4	68001	6800113	1	24		10	0,7574		34328	260
2017	4	68001	6800110	1	24		10	0,8231		9233	76
2017	4	68001	6800104	1	24		10	0,7292		12616	92
2017	4	68001	6800107	1	24		10	0,419		3341	14
2017	4	68001	6800106	1	24		10	0,8033		13444	108
2017	4	68001	6800105	1	24		10	1,088		7996	87
2017	4	68001	6800103	1	24		10	0,5713		21178	121
2017	4	68001	6800108	1	24		10	0,952		2836	27
2017	4	68001	6800116	1	24		10	1,0975		6378	70
2017	4	68001	6800112	1	24		10	1,3192		29714	392
2017	4	11001	1100107	1	24		10	1,0061		142632	1435
2017	4	11001	1100111	1	24		10	0,8332		379370	3161
2017	4	11001	1100105	1	24		10	0,7207		60221	434
2017	4	11001	1100108	1	24		10	0,9003		366433	3299
2017	4	11001	1100101	1	24		10	0,9998		334461	3344
2017	4	11001	1100110	1	24		10	0,7176		289725	2079
2017	4	11001	1100109	1	24		10	0,9065		240152	2177
2017	4	11001	1100114	1	24		10	0,7702		140480	1082
2017	4	11001	1100103	1	24		10	0,6845		142439	975
2017	4	11001	1100102	1	24		10	0,426		311707	1328
2017	4	11001	1100117	1	24		10	0,5741		59049	339
2017	4	11001	1100106	1	24		10	1,2524		67071	840
2017	4	11001	1100113	1	24		10	0,8655		197468	1709
2017	4	11001	1100118	1	24		10	0,9361		105336	986
2017	4	11001	1100116	1	24		10	0,5625		216871	1220
2017	4	11001	1100104	1	24		10	1,5151		78676	1192
2017	4	11001	1100115	1	24		10	1,008		58431	589
2017	4	11001	1100112	1	24		10	0,677		160419	1086
2017	4	11001	1100119	1	24		10	1,1596		112796	1308
2017	4	76001	7600101	1	24		10	0,4766		5665	27
2017	4	76001	7600102	1	24		10	0,3103		83786	260
2017	4	76001	7600103	1	24		10	0,584		58906	344
2017	4	76001	7600104	1	24		10	0,1465		23896	35
2017	4	76001	7600105	1	24		10	0,2584		21672	56
2017	4	76001	7600106	1	24		10	0,275		12364	34
2017	4	76001	7600107	1	24		10	0,3853		8565	33



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	76001	7600108	1	24	10		0,351		26780	94
2017	4	76001	7600109	1	24	10		0,359		22843	82
2017	4	76001	7600110	1	24	10		0,4057		21199	86
2017	4	76001	7600111	1	24	10		0,6401		12185	78
2017	4	76001	7600112	1	24	10		0,2414		3728	9
2017	4	76001	7600113	1	24	10		0,4466		15674	70
2017	4	76001	7600114	1	24	10		0,6511		15358	100
2017	4	5001	500102	1	24	11		1,6537		14150	234
2017	4	5001		1	24	11		1,093		680158	7434
2017	4	5001	500110	1	24	11		1,0609		174378	1850
2017	4	5001	500108	1	24	11		1,637		13928	228
2017	4	5001	500106	1	24	11		1,7901		13128	235
2017	4	5001	500111	1	24	11		0,934		67985	635
2017	4	5001	500116	1	24	11		0,9665		53908	521
2017	4	5001	500101	1	24	11		1,1356		4227	48
2017	4	5001	500107	1	24	11		1,9309		30296	585
2017	4	5001	500104	1	24	11		1,4206		21047	299
2017	4	5001	500105	1	24	11		1,6186		34227	554
2017	4	5001	500115	1	24	11		0,778		46015	358
2017	4	5001	500103	1	24	11		1,3695		8178	112
2017	4	5001	500114	1	24	11		0,7679		122015	937
2017	4	5001	500112	1	24	11		0,6066		22254	135
2017	4	5001	500113	1	24	11		1,0751		17207	185
2017	4	17001		1	24	11		0,4301		176693	760
2017	4	5001	500109	1	24	11		1,5579		17588	274
2017	4	86001		2	24	16		0,3474		19574	68
2017	4	99001		2	24	16			1,7657		
2017	4	94001		2	24	18			1,8344		
2017	4	97001		2	24	18			0,1185		
2017	4	91001		2	24	18			3,9692		
2017	4	15572		1	24		18	0,791		16056	127
2017	4	25799		1	24		18	1,4784		6020	89
2017	4	25286		1	24		18	1,846		34670	640
2017	4	25473		1	24		18	1,439		34678	499
2017	4	85410		1	24		18	1,3823		10128	140
2017	4	25175		1	24		18	0,8483		60358	512
2017	4	25758		1	24		18	1,3801		13767	190
2017	4	25307		1	24		18	0,6791		40052	272
2017	4	25377		1	24		18	4,3948		11286	496
2017	4	68081		1	24		18	0,4936		63212	312
2017	4	15238		1	24		18	0,4303		75767	326
2017	4	25430		1	24		18	1,3669		35263	482
2017	4	68679		1	24		18	0,4153		17817	74
2017	4	25214		1	24		18	1,3717		20194	277
2017	4	18001		1	24	18		0,4261		91523	390
2017	4	19001		1	24	18		0,386		133678	516
2017	4	15001		1	24	18		0,5746		141498	813
2017	4	85001		1	24	18		0,6934		127344	883
2017	4	95001		2	24	18		0,2521		15868	40
2017	4	81001		1	24	18		0,4389		20962	92
2017	4	68307		1	24	18		0,5578		26890	150
2017	4	15491		1	24	18		0,7717		5054	39
2017	4	25817		1	24	18		0,5174		13917	72
2017	4	68276		1	24	18		1,0589		53827	570
2017	4	25754		1	24	18		1,0308		140665	1450
2017	4	25290		1	24	18		1,0593		54471	577
2017	4	25126		1	24	18		1,226		29446	361
2017	4	25899		1	24	18		1,2163		47602	579
2017	4	25269		1	24	18		0,7318		57122	418
2017	4	68547		1	24	18		1,0975		24054	264
2017	4	15759		1	24	18		0,5021		79261	398
2017	4	5376		1	24	19		0,8738		13962	122
2017	4	73268		1	24	19		0,6352		22196	141
2017	4	5088		1	24	19		1,9043		68792	1310
2017	4	5837		1	24	19		1,0625		23718	252
2017	4	5615		1	24	19		0,5276		52878	279
2017	4	5129		1	24	19		1,2559		16721	210
2017	4	50006		1	24	19		1,0524		32023	337
2017	4	44847		1	24	19		0,3329		5407	18
2017	4	5212		1	24	19		1,4762		14293	211
2017	4	41551		1	24	19		0,9201		41950	386
2017	4	5308		1	24	19		0,7236		10227	74
2017	4	54874		1	24	19		1,4896		14433	215
2017	4	50568		1	24	19		1,5471		11893	184
2017	4	5360		1	24	19		1,9242		35600	685
2017	4	5045		1	24	19		0,6601		32572	215
2017	4	5631		1	24	19		1,2303		18695	230
2017	4	44001		1	24	19		0,4354		22508	98
2017	4	5380		1	24	19		1,3708		10432	143



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	5607		1	24		19	0,3792		6329	24
2017	4	44430		1	24		19	0,3798		10794	41
2017	4	54405		1	24		19	0,4129		21068	87
2017	4	17380		1	24		19	0,811		20962	170
2017	4	5318		1	24		19	0,6753		12143	82
2017	4	20011		1	24		19	0,5366		19380	104
2017	4	44560		1	24		19	0,6732		2228	15
2017	4	66170		1	24		19	0,5733		54592	313
2017	4	5266		1	24		19	1,4248		42112	600
2017	4	20400		1	24		19	0,4831		13041	63
2017	4	54498		1	24		19	0,657		22526	148
2017	4	73449		1	24		19	0,7142		18341	131
2017	4	27001		2	24	20		1,3659		56227	768
2017	4	52835		1	24		20	0,5753		21555	124
2017	4	52356		1	24		20	0,9069		13452	122
2017	4	88001		2	25	9		0,368		9783	36
2017	4	23001		1	25	9		0,4876		162419	792
2017	4	76001	7600121	1	25	10		0,465		3871	18
2017	4	76001	7600122	1	25	10		1,3738		23729	326
2017	4	54001	5400106	1	25	10		0,9292		25720	239
2017	4	54001	5400101	1	25	10		0,336		58920	198
2017	4	54001	5400104	1	25	10		0,7777		13116	102
2017	4	54001	5400110	1	25	10		0,9751		9230	90
2017	4	54001	5400108	1	25	10		0,5328		20459	109
2017	4	54001	5400105	1	25	10		0,5851		30593	179
2017	4	54001	5400103	1	25	10		1,2409		10799	134
2017	4	54001	5400107	1	25	10		0,4944		18811	93
2017	4	54001	5400109	1	25	10		0,6016		13465	81
2017	4	54001	5400102	1	25	10		0,614		30457	187
2017	4	5001	500102	1	25	10		1,7997		13280	239
2017	4	5001	500109	1	25	10		1,622		17139	278
2017	4	5001	500110	1	25	10		1,1729		171278	2009
2017	4	5001	500108	1	25	10		1,4815		13837	205
2017	4	5001	500106	1	25	10		1,7149		12712	218
2017	4	5001	500111	1	25	10		0,9932		66252	658
2017	4	8001	800105	1	25	10		0,2581		39522	102
2017	4	8001	800103	1	25	10		0,478		41837	200
2017	4	8001	800102	1	25	10		0,6932		18322	127
2017	4	8001	800101	1	25	10		0,8073		31587	255
2017	4	8001	800104	1	25	10		0,4235		143558	608
2017	4	68001	6800111	1	25	10		0,216		4629	10
2017	4	68001	6800117	1	25	10		1,1342		3086	35
2017	4	68001	6800101	1	25	10		0,6252		6398	40
2017	4	68001	6800115	1	25	10		0,5521		16483	91
2017	4	68001	6800113	1	25	10		0,7111		32346	230
2017	4	68001	6800110	1	25	10		0,927		8630	80
2017	4	68001	6800104	1	25	10		0,9174		12536	115
2017	4	68001	6800107	1	25	10		0,4571		3063	14
2017	4	68001	6800106	1	25	10		0,5771		12823	74
2017	4	68001	6800105	1	25	10		1,1807		8046	95
2017	4	68001	6800103	1	25	10		0,6935		21340	148
2017	4	68001	6800108	1	25	10		0,7818		2814	22
2017	4	68001	6800116	1	25	10		1,0138		6313	64
2017	4	68001	6800112	1	25	10		0,5984		31418	188
2017	4	11001	1100107	1	25	10		1,9808		134040	2655
2017	4	11001	1100111	1	25	10		0,8785		372695	3274
2017	4	11001	1100105	1	25	10		0,7686		57505	442
2017	4	11001	1100108	1	25	10		1,1107		357777	3974
2017	4	11001	1100101	1	25	10		0,9544		332783	3176
2017	4	11001	1100110	1	25	10		0,7684		284729	2188
2017	4	11001	1100109	1	25	10		0,884		240838	2129
2017	4	11001	1100114	1	25	10		0,7648		143965	1101
2017	4	11001	1100103	1	25	10		0,8431		144698	1220
2017	4	11001	1100102	1	25	10		0,4584		313293	1436
2017	4	11001	1100117	1	25	10		0,5528		64216	355
2017	4	11001	1100106	1	25	10		1,2162		65121	792
2017	4	11001	1100113	1	25	10		0,9209		206432	1901
2017	4	11001	1100118	1	25	10		0,9437		101835	961
2017	4	11001	1100116	1	25	10		0,6775		217133	1471
2017	4	11001	1100104	1	25	10		1,4866		75003	1115
2017	4	11001	1100115	1	25	10		1,3485		58881	794
2017	4	11001	1100112	1	25	10		0,6859		159345	1093
2017	4	11001	1100119	1	25	10		1,1618		110170	1280
2017	4	76001	7600101	1	25	10		0,4604		5430	25
2017	4	76001	7600102	1	25	10		0,3343		83758	280
2017	4	76001	7600103	1	25	10		0,6487		61048	396
2017	4	76001	7600104	1	25	10		0,1135		22912	26
2017	4	76001	7600105	1	25	10		0,314		21339	67
2017	4	76001	7600106	1	25	10		0,269		11524	31



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	76001	7600107	1	25	10		0,4321		8331	36
2017	4	76001	7600108	1	25	10		0,338		26032	88
2017	4	76001	7600109	1	25	10		0,4765		22874	109
2017	4	76001	7600110	1	25	10		0,4359		21567	94
2017	4	76001	7600111	1	25	10		0,707		11032	78
2017	4	76001	7600112	1	25	10		0,3309		3626	12
2017	4	76001	7600113	1	25	10		0,6042		15392	93
2017	4	76001	7600114	1	25	10		0,6386		14564	93
2017	4	76001	7600115	1	25	10		0,58		6896	40
2017	4	76001	7600116	1	25	10		2,8569		10151	290
2017	4	76001	7600117	1	25	10		0,801		50440	404
2017	4	76001	7600118	1	25	10		1,1624		16517	192
2017	4	76001	7600119	1	25	10		0,7317		62317	456
2017	4	76001	7600120	1	25	10		0,573		3316	19
2017	4	76111		1	25		10	0,2425		17319	42
2017	4	50001	5000101	1	25	10		0,4842		19002	92
2017	4	50001	5000102	1	25	10		0,3427		67691	232
2017	4	50001	5000103	1	25	10		0,2274		26387	60
2017	4	50001	5000104	1	25	10		0,2714		22847	62
2017	4	50001	5000105	1	25	10		0,407		47420	193
2017	4	50001	5000106	1	25	10		0,0948		12659	12
2017	4	50001	5000107	1	25	10		0,8126		37534	305
2017	4	50001	5000108	1	25	10		0,3346		17635	59
2017	4	73001	7300101	1	25	10		0,2079		31745	66
2017	4	73001	7300102	1	25	10		0,6118		3269	20
2017	4	73001	7300103	1	25	10		0,4228		10643	45
2017	4	73001	7300104	1	25	10		0,4912		14863	73
2017	4	73001	7300105	1	25	10		0,8302		15900	132
2017	4	73001	7300106	1	25	10		0,6477		6639	43
2017	4	73001	7300107	1	25	10		1,0776		13920	150
2017	4	73001	7300108	1	25	10		0,9973		12032	120
2017	4	73001	7300109	1	25	10		2,8881		26211	757
2017	4	73001	7300110	1	25	10		0,3887		26500	103
2017	4	73001	7300111	1	25	10		0,1564		4475	7
2017	4	73001	7300112	1	25	10		0,1881		7444	14
2017	4	73001	7300113	1	25	10		0,8243		4246	35
2017	4	13001	1300102	1	25	10		0,5023		52156	262
2017	4	13001	1300103	1	25	10		0,6613		66238	438
2017	4	13001	1300101	1	25	10		0,5364		121541	652
2017	4	5001	500116	1	25	10		1,0277		53519	550
2017	4	5001	500101	1	25	10		1,4948		4014	60
2017	4	5001	500107	1	25	10		2,2452		29841	670
2017	4	5001	500104	1	25	10		1,3613		20715	282
2017	4	5001	500105	1	25	10		1,674		32317	541
2017	4	5001	500115	1	25	10		0,7398		46091	341
2017	4	5001	500103	1	25	10		1,2573		8033	101
2017	4	5001	500114	1	25	10		0,7272		120454	876
2017	4	5001	500112	1	25	10		0,6282		22287	140
2017	4	5001	500113	1	25	10		1,1792		17130	202
2017	4	73001		1	25	10		0,8859		181403	1607
2017	4	50001		1	25	10		0,471		278337	1311
2017	4	68001		1	25	10		0,7191		171889	1236
2017	4	70001		1	25	10		0,4307		71981	310
2017	4	54001		1	25	10		0,6314		235188	1485
2017	4	52001		1	25	10		0,7026		111448	783
2017	4	5001		1	25	10		1,1427		668247	7636
2017	4	66001		1	25	10		0,3615		203332	735
2017	4	13001		1	25	10		0,5635		239935	1352
2017	4	11001		1	25	10		0,9114		3440459	31357
2017	4	8001		1	25	10		0,4737		277206	1313
2017	4	47001		1	25	10		0,5606		87229	489
2017	4	17001		1	25	10		0,3978		170708	679
2017	4	76001		1	25	10		0,6381		517653	3303
2017	4	41001		1	25	10		0,3607		135834	490
2017	4	20001		1	25	10		0,2119		96745	205
2017	4	63001		1	25	10		0,6676		109799	733
2017	4	76834		1	25		10	0,6239		30612	191
2017	4	76109		1	25		10	0,3983		53229	212
2017	4	76147		1	25		10	0,3507		35644	125
2017	4	76520		1	25		10	0,9053		57108	517
2017	4	76892		1	25		10	0,3736		46836	175
2017	4	76130		1	25		10	0,6415		15120	97
2017	4	76364		1	25		10	0,5759		24309	140
2017	4	86001		2	25	15		0,4058		17987	73
2017	4	99001		2	25	18			1,8548		
2017	4	15759		1	25		18	0,5202		78425	408
2017	4	91001		2	25	18			3,8208		
2017	4	15572		1	25		18	0,8016		16467	132
2017	4	25799		1	25		18	1,4743		6715	99



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	25286		1	25		18	1,7681		34161	604
2017	4	25473		1	25		18	1,4344		33673	483
2017	4	25175		1	25		18	0,8389		61511	516
2017	4	25758		1	25		18	1,5962		14848	237
2017	4	25307		1	25		18	0,5655		39608	224
2017	4	25377		1	25		18	0,739		12314	91
2017	4	68081		1	25		18	0,5154		64614	333
2017	4	15238		1	25		18	0,44		78864	347
2017	4	25430		1	25		18	1,3174		35069	462
2017	4	68679		1	25		18	0,674		16766	113
2017	4	25214		1	25		18	1,1925		21299	254
2017	4	95001		2	25	18		0,2703		17391	47
2017	4	81001		1	25	18		0,378		20105	76
2017	4	18001		1	25	18		0,4554		91343	416
2017	4	85001		1	25	18		0,6592		129408	853
2017	4	15001		1	25	18		0,5578		141097	787
2017	4	68307		1	25		18	0,6185		26841	166
2017	4	15491		1	25		18	0,8862		4852	43
2017	4	25817		1	25		18	0,4841		13839	67
2017	4	68276		1	25		18	1,2019		52415	630
2017	4	25754		1	25		18	2,1001		137139	2880
2017	4	25290		1	25		18	0,9945		53593	533
2017	4	25126		1	25		18	1,429		31561	451
2017	4	25899		1	25		18	1,1142		50887	567
2017	4	25269		1	25		18	0,7754		56098	435
2017	4	68547		1	25		18	0,9024		23492	212
2017	4	94001		2	25	18			2,0866		
2017	4	97001		2	25	19			0,1435		
2017	4	73268		1	25		19	0,5884		22432	132
2017	4	44847		1	25		19	0,2086		5274	11
2017	4	5088		1	25		19	1,9303		67449	1302
2017	4	5837		1	25		19	0,8018		22949	184
2017	4	5615		1	25		19	0,5554		52757	293
2017	4	5129		1	25		19	0,9185		15896	146
2017	4	50006		1	25		19	1,0827		33342	361
2017	4	52356		1	25		19	0,8204		17674	145
2017	4	5308		1	25		19	1,292		10294	133
2017	4	8573		1	25		19	0,3074		12686	39
2017	4	85410		1	25		19	1,456		8997	131
2017	4	54874		1	25		19	1,3856		14578	202
2017	4	50568		1	25		19	0,8649		12372	107
2017	4	5360		1	25		19	1,8496		36440	674
2017	4	5045		1	25		19	0,7129		31701	226
2017	4	5631		1	25		19	1,1685		20453	239
2017	4	44001		1	25	19		0,5912		23344	138
2017	4	19001		1	25	19		0,4081		115177	470
2017	4	5380		1	25		19	1,3589		9861	134
2017	4	5607		1	25		19	0,3658		6561	24
2017	4	44430		1	25		19	3,4951		11130	389
2017	4	54405		1	25		19	0,4848		20421	99
2017	4	17380		1	25		19	0,733		22782	167
2017	4	5318		1	25		19	0,6687		11814	79
2017	4	44560		1	25		19	2,4931		2166	54
2017	4	66170		1	25		19	0,5823		55987	326
2017	4	5266		1	25		19	1,4193		43473	617
2017	4	54498		1	25		19	0,7129		22445	160
2017	4	52835		1	25		19	2,1967		25174	553
2017	4	73449		1	25		19	0,7706		18168	140
2017	4	41551		1	25		19	1,1501		44257	509
2017	4	8758		1	25		19	0,6301		43962	277
2017	4	5212		1	25		19	1,3548		14024	190
2017	4	5376		1	25		19	0,8268		13546	112
2017	4	27001		2	25	20		2,123		51860	1101
2017	4	20400		1	25		20	0,426		11502	49
2017	4	20011		1	25		20	0,5976		16565	99
2017	4	99001		2	26	9			2,1824		
2017	4	73001	7300107	1	26	10		0,8404		13446	113
2017	4	73001	7300108	1	26	10		0,705		11348	80
2017	4	73001	7300109	1	26	10		1,6729		29649	496
2017	4	73001	7300110	1	26	10		0,3387		27456	93
2017	4	73001	7300111	1	26	10		0,3158		4117	13
2017	4	73001	7300112	1	26	10		0,2468		7292	18
2017	4	73001	7300113	1	26	10		0,7183		3898	28
2017	4	13001	1300102	1	26	10		0,4969		51718	257
2017	4	13001	1300103	1	26	10		0,6474		68274	442
2017	4	13001	1300101	1	26	10		0,4171		123715	516
2017	4	47001		1	26	10		0,458		88420	405
2017	4	17001		1	26	10		0,4839		168202	814
2017	4	68001		1	26	10		0,6844		171538	1174



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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	4	63001		1	26		10	0,6433		109583	705
2017	4	52001		1	26		10	0,6512		118401	771
2017	4	70001		1	26		10	0,3423		73617	252
2017	4	8001		1	26		10	0,4901		280787	1376
2017	4	11001		1	26		10	0,978		3444717	33688
2017	4	13001		1	26		10	0,4985		243707	1215
2017	4	20001		1	26		10	0,2928		102813	301
2017	4	66001		1	26		10	0,4173		205605	858
2017	4	23001		1	26		10	0,8515		168996	1439
2017	4	50001		1	26		10	0,8318		267627	2226
2017	4	73001		1	26		10	0,6268		190334	1193
2017	4	86001		2	26		10	0,491		17720	87
2017	4	54001		1	26		10	0,6119		238094	1457
2017	4	18001		1	26		10	0,3343		92429	309
2017	4	76834		1	26		10	0,3697		30839	114
2017	4	76109		1	26		10	0,4261		53510	228
2017	4	76147		1	26		10	0,2788		35154	98
2017	4	8758		1	26		10	0,5008		47121	236
2017	4	76520		1	26		10	0,624		57371	358
2017	4	76892		1	26		10	0,3597		44199	159
2017	4	76130		1	26		10	0,836		15191	127
2017	4	76364		1	26		10	0,5505		22523	124
2017	4	54001	5400106	1	26		10	0,7975		24451	195
2017	4	54001	5400101	1	26		10	0,415		65309	271
2017	4	54001	5400104	1	26		10	0,7543		13257	100
2017	4	54001	5400110	1	26		10	1,0007		9393	94
2017	4	54001	5400108	1	26		10	0,545		20001	109
2017	4	54001	5400105	1	26		10	0,4232		29540	125
2017	4	54001	5400103	1	26		10	1,2895		10702	138
2017	4	54001	5400107	1	26		10	0,3668		18811	69
2017	4	54001	5400109	1	26		10	0,628		13535	85
2017	4	54001	5400102	1	26		10	0,5594		29854	167
2017	4	8001	800105	1	26		10	0,343		39943	137
2017	4	8001	800103	1	26		10	0,5423		41303	224
2017	4	8001	800102	1	26		10	0,609		18719	114
2017	4	8001	800101	1	26		10	0,8724		32553	284
2017	4	8001	800104	1	26		10	0,4114		145596	599
2017	4	68001	6800111	1	26		10	0,4116		4616	19
2017	4	68001	6800117	1	26		10	1,5218		2957	45
2017	4	68001	6800101	1	26		10	0,6042		6620	40
2017	4	68001	6800115	1	26		10	0,5202		16341	85
2017	4	68001	6800113	1	26		10	0,8231		32195	265
2017	4	68001	6800110	1	26		10	0,7687		8716	67
2017	4	68001	6800104	1	26		10	1,1009		11627	128
2017	4	68001	6800107	1	26		10	0,4799		4376	21
2017	4	68001	6800106	1	26		10	0,368		13314	49
2017	4	68001	6800105	1	26		10	1,1597		7502	87
2017	4	68001	6800103	1	26		10	0,5573		21174	118
2017	4	68001	6800108	1	26		10	0,8		2625	21
2017	4	68001	6800116	1	26		10	0,9332		6215	58
2017	4	68001	6800112	1	26		10	0,4641		31246	145
2017	4	11001	1100107	1	26		10	2,0233		146739	2969
2017	4	11001	1100111	1	26		10	0,9315		371424	3460
2017	4	11001	1100105	1	26		10	0,7625		59146	451
2017	4	11001	1100108	1	26		10	1,0972		355437	3900
2017	4	11001	1100101	1	26		10	1,1746		334595	3930
2017	4	11001	1100110	1	26		10	0,7689		288317	2217
2017	4	11001	1100109	1	26		10	0,9229		235231	2171
2017	4	11001	1100114	1	26		10	0,8163		143444	1171
2017	4	11001	1100103	1	26		10	0,6964		155375	1082
2017	4	11001	1100102	1	26		10	0,5347		311974	1668
2017	4	11001	1100117	1	26		10	0,6956		67995	473
2017	4	11001	1100106	1	26		10	1,3278		66953	889
2017	4	11001	1100113	1	26		10	1,0383		208424	2164
2017	4	11001	1100118	1	26		10	0,9824		101383	996
2017	4	11001	1100116	1	26		10	0,6621		216578	1434
2017	4	11001	1100104	1	26		10	1,5341		75356	1156
2017	4	11001	1100115	1	26		10	1,2503		55905	699
2017	4	11001	1100112	1	26		10	0,7122		153751	1095
2017	4	11001	1100119	1	26		10	1,8234		96690	1763
2017	4	8573		1	26		10	1,0423		14008	146
2017	4	76111		1	26		10	0,2664		16895	45
2017	4	50001	5000101	1	26		10	0,6468		19170	124
2017	4	50001	5000102	1	26		10	0,6102		68174	416
2017	4	50001	5000103	1	26		10	0,1983		24204	48
2017	4	50001	5000104	1	26		10	0,831		22142	184
2017	4	50001	5000105	1	26		10	0,5504		45055	248
2017	4	50001	5000106	1	26		10	0,063		11114	7
2017	4	50001	5000107	1	26		10	1,883		33829	637



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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	4	50001	5000108	1	26	10		1,3836		18503	256
2017	4	73001	7300101	1	26	10		0,2341		38450	90
2017	4	73001	7300102	1	26	10		0,3995		3004	12
2017	4	73001	7300103	1	26	10		0,5098		11378	58
2017	4	73001	7300104	1	26	10		0,2982		15090	45
2017	4	73001	7300105	1	26	10		0,4637		15526	72
2017	4	73001	7300106	1	26	10		0,4269		6559	28
2017	4	76001	7600121	1	26	11		0,3456		4051	14
2017	4	76001	7600122	1	26	11		1,2462		23512	293
2017	4	5001	500102	1	26	11		1,6402		13840	227
2017	4	5001	500109	1	26	11		1,6521		16585	274
2017	4	5001	500110	1	26	11		1,1395		182277	2077
2017	4	5001	500108	1	26	11		1,7605		14144	249
2017	4	5001	500106	1	26	11		1,6777		12875	216
2017	4	5001	500111	1	26	11		0,979		69864	684
2017	4	76001	7600101	1	26	11		0,5297		5475	29
2017	4	76001	7600102	1	26	11		0,3515		87910	309
2017	4	76001	7600103	1	26	11		0,6481		61876	401
2017	4	76001	7600104	1	26	11		0,1308		22170	29
2017	4	76001	7600105	1	26	11		0,264		20452	54
2017	4	76001	7600106	1	26	11		0,3002		11991	36
2017	4	76001	7600107	1	26	11		0,4952		8077	40
2017	4	76001	7600108	1	26	11		0,3041		24335	74
2017	4	76001	7600109	1	26	11		0,4397		21833	96
2017	4	76001	7600110	1	26	11		0,5169		19928	103
2017	4	76001	7600111	1	26	11		0,7805		10634	83
2017	4	76001	7600112	1	26	11		0,5759		3473	20
2017	4	76001	7600113	1	26	11		0,6935		14564	101
2017	4	76001	7600114	1	26	11		0,5492		14384	79
2017	4	76001	7600115	1	26	11		0,7244		6902	50
2017	4	76001	7600116	1	26	11		2,2778		9395	214
2017	4	76001	7600117	1	26	11		0,8032		49053	394
2017	4	76001	7600118	1	26	11		1,3441		16591	223
2017	4	76001	7600119	1	26	11		0,8051		62604	504
2017	4	76001	7600120	1	26	11		0,9099		3407	31
2017	4	5001	500116	1	26	11		1,189		53995	642
2017	4	5001	500101	1	26	11		1,7241		4176	72
2017	4	5001	500107	1	26	11		1,9114		29455	563
2017	4	5001	500104	1	26	11		1,5945		20382	325
2017	4	5001	500105	1	26	11		1,7939		32890	590
2017	4	5001	500115	1	26	11		0,8494		45443	386
2017	4	5001	500103	1	26	11		1,7904		7317	131
2017	4	5001	500114	1	26	11		0,7363		122916	905
2017	4	5001	500112	1	26	11		0,7869		22112	174
2017	4	5001	500113	1	26	11		1,1698		16670	195
2017	4	76001		1	26	11		0,6484		513450	3329
2017	4	5001		1	26	11		1,1719		684039	8016
2017	4	41001		1	26	11		0,649		140375	911
2017	4	97001		2	26	17			0,2193		
2017	4	15572		1	26		18	0,9215		16061	148
2017	4	15759		1	26		18	0,4348		75200	327
2017	4	25286		1	26		18	1,8638		33695	628
2017	4	25473		1	26		18	1,5898		34280	545
2017	4	85410		1	26		18	1,6806		9818	165
2017	4	25175		1	26		18	0,7689		62293	479
2017	4	25758		1	26		18	1,3984		14588	204
2017	4	25307		1	26		18	0,6117		39236	240
2017	4	25377		1	26		18	0,571		12960	74
2017	4	15238		1	26		18	0,3287		74240	244
2017	4	25430		1	26		18	1,2789		33622	430
2017	4	25214		1	26		18	1,444		21606	312
2017	4	85001		1	26	18		0,8783		126606	1112
2017	4	81001		1	26	18		0,3406		19670	67
2017	4	95001		2	26	18		0,2119		16518	35
2017	4	19001		1	26	18		0,4443		133695	594
2017	4	15001		1	26	18		0,548		139587	765
2017	4	15491		1	26		18	0,58		4828	28
2017	4	25817		1	26		18	0,484		13637	66
2017	4	25754		1	26		18	1,0461		134693	1409
2017	4	25290		1	26		18	1,1657		53789	627
2017	4	25126		1	26		18	1,2702		30073	382
2017	4	25899		1	26		18	1,138		49738	566
2017	4	25269		1	26		18	0,6995		56323	394
2017	4	25799		1	26		18	1,0589		6233	66
2017	4	5376		1	26		19	0,978		13906	136
2017	4	73268		1	26		19	0,5977		23254	139
2017	4	5837		1	26		19	1,1026		21404	236
2017	4	5615		1	26		19	0,4893		54570	267
2017	4	5129		1	26		19	1,0181		16108	164



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	50006		1	26		19	1,2145		31370	381
2017	4	52356		1	26		19	0,7677		17325	133
2017	4	5308		1	26		19	0,9035		10293	93
2017	4	54874		1	26		19	1,3181		14111	186
2017	4	50568		1	26		19	2,7289		12496	341
2017	4	5360		1	26		19	2,0217		36010	728
2017	4	68081		1	26		19	0,475		57470	273
2017	4	5045		1	26		19	0,7603		30909	235
2017	4	5631		1	26		19	1,2288		20019	246
2017	4	68679		1	26		19	0,5459		13005	71
2017	4	44001		1	26	19		0,6047		23483	142
2017	4	68307		1	26		19	0,6847		23369	160
2017	4	5380		1	26		19	1,2305		10321	127
2017	4	5607		1	26		19	0,4387		6383	28
2017	4	68276		1	26		19	1,0666		46410	495
2017	4	54405		1	26		19	0,4244		20265	86
2017	4	17380		1	26		19	0,7523		22199	167
2017	4	5318		1	26		19	0,7681		11717	90
2017	4	20011		1	26		19	0,5195		20406	106
2017	4	66170		1	26		19	0,5307		54264	288
2017	4	5266		1	26		19	1,6363		42841	701
2017	4	20400		1	26		19	0,4578		13760	63
2017	4	54498		1	26		19	0,6127		22197	136
2017	4	52835		1	26		19	0,9745		25243	246
2017	4	73449		1	26		19	0,7601		19339	147
2017	4	68547		1	26		19	1,1271		21204	239
2017	4	41551		1	26		19	0,8962		42176	378
2017	4	5212		1	26		19	1,8724		13726	257
2017	4	5088		1	26		19	2,1685		67143	1456
2017	4	91001		2	26	20			4,38		
2017	4	44847		1	26		20	0,4389		4785	21
2017	4	44560		1	26		20	1,3166		1595	21
2017	4	27001		2	26	20		1,3545		55741	755
2017	4	44430		1	26		20	0,3337		9889	33
2017	4	88001		2	26	20		0,4967		7248	36
2017	4	94001		2	26	21			4,0486		
2017	4	23001		1	27	9		0,4572		162723	744
2017	4	70001		1	27	9		0,7996		72036	576
2017	4	76001	7600121	1	27	10		0,4638		4097	19
2017	4	76001	7600122	1	27	10		1,4186		23404	332
2017	4	5001	500102	1	27	10		1,8099		12708	230
2017	4	5001	500109	1	27	10		1,5787		17166	271
2017	4	5001	500110	1	27	10		1,096		168973	1852
2017	4	5001	500108	1	27	10		1,6708		14065	235
2017	4	5001	500106	1	27	10		1,5956		12409	198
2017	4	5001	500111	1	27	10		0,8178		65912	539
2017	4	8001	800105	1	27	10		0,2909		38153	111
2017	4	8001	800103	1	27	10		0,6545		40642	266
2017	4	8001	800102	1	27	10		0,8295		16757	139
2017	4	8001	800101	1	27	10		1,0292		31870	328
2017	4	8001	800104	1	27	10		0,3898		142644	556
2017	4	68001	6800111	1	27	10		0,3751		4532	17
2017	4	68001	6800117	1	27	10		1,1897		2942	35
2017	4	68001	6800101	1	27	10		0,5821		5841	34
2017	4	68001	6800115	1	27	10		0,5732		15702	90
2017	4	68001	6800113	1	27	10		0,6915		31380	217
2017	4	68001	6800110	1	27	10		0,8405		7971	67
2017	4	68001	6800104	1	27	10		0,8681		13823	120
2017	4	68001	6800107	1	27	10		0,4621		3246	15
2017	4	68001	6800106	1	27	10		0,5709		12963	74
2017	4	68001	6800105	1	27	10		0,7234		7741	56
2017	4	68001	6800103	1	27	10		0,4972		19510	97
2017	4	68001	6800108	1	27	10		0,3381		2662	9
2017	4	68001	6800116	1	27	10		1,0206		5977	61
2017	4	68001	6800112	1	27	10		0,5895		30195	178
2017	4	11001	1100107	1	27	10		1,0887		131812	1435
2017	4	11001	1100111	1	27	10		0,9174		367249	3369
2017	4	11001	1100105	1	27	10		0,8157		56636	462
2017	4	11001	1100108	1	27	10		1,1007		350053	3853
2017	4	11001	1100101	1	27	10		1,0666		327221	3490
2017	4	11001	1100110	1	27	10		0,7494		285432	2139
2017	4	11001	1100109	1	27	10		0,8411		237079	1994
2017	4	11001	1100114	1	27	10		0,8483		144635	1227
2017	4	11001	1100103	1	27	10		0,7029		142828	1004
2017	4	11001	1100102	1	27	10		0,5073		310293	1574
2017	4	11001	1100117	1	27	10		0,5599		62335	349
2017	4	11001	1100106	1	27	10		1,2024		64455	775
2017	4	11001	1100113	1	27	10		0,8968		200721	1800
2017	4	11001	1100118	1	27	10		0,932		100862	940



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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	4	11001	1100116	1	27		10	0,6385		211742	1352
2017	4	11001	1100104	1	27		10	1,4987		74598	1118
2017	4	11001	1100115	1	27		10	0,9721		56681	551
2017	4	11001	1100112	1	27		10	0,6558		152022	997
2017	4	11001	1100119	1	27		10	1,1288		107106	1209
2017	4	76001	7600101	1	27		10	0,3897		5646	22
2017	4	76001	7600102	1	27		10	0,3575		83074	297
2017	4	76001	7600103	1	27		10	0,6415		59858	384
2017	4	76001	7600104	1	27		10	0,1576		23474	37
2017	4	76001	7600105	1	27		10	0,2115		21279	45
2017	4	76001	7600106	1	27		10	0,2216		12183	27
2017	4	76001	7600107	1	27		10	0,3873		8263	32
2017	4	76001	7600108	1	27		10	0,327		25996	85
2017	4	76001	7600109	1	27		10	0,3909		22513	88
2017	4	76001	7600110	1	27		10	0,5129		21446	110
2017	4	76001	7600111	1	27		10	0,8225		11185	92
2017	4	76001	7600112	1	27		10	0,3694		3790	14
2017	4	76001	7600113	1	27		10	0,598		14382	86
2017	4	76001	7600114	1	27		10	0,6533		14235	93
2017	4	76001	7600115	1	27		10	0,627		7017	44
2017	4	76001	7600116	1	27		10	0,5811		10153	59
2017	4	76001	7600117	1	27		10	0,6914		50912	352
2017	4	76001	7600118	1	27		10	1,0858		16854	183
2017	4	76001	7600119	1	27		10	0,6785		61607	418
2017	4	76001	7600120	1	27		10	1,1776		3227	38
2017	4	76111		1	27		10	0,2187	10	18291	40
2017	4	50001	5000101	1	27		10	0,4908		19968	98
2017	4	50001	5000102	1	27		10	0,4163		66306	276
2017	4	50001	5000103	1	27		10	0,2373		26544	63
2017	4	50001	5000104	1	27		10	0,41		23900	98
2017	4	50001	5000105	1	27		10	0,4239		46950	199
2017	4	50001	5000106	1	27		10	0,0911		12076	11
2017	4	50001	5000107	1	27		10	0,9509		37755	359
2017	4	50001	5000108	1	27		10	0,457		18162	83
2017	4	73001	7300101	1	27		10	0,2234		34460	77
2017	4	73001	7300102	1	27		10	0,1728		2893	5
2017	4	73001	7300103	1	27		10	0,8574		10614	91
2017	4	73001	7300104	1	27		10	0,3828		14628	56
2017	4	73001	7300105	1	27		10	0,4319		15282	66
2017	4	73001	7300106	1	27		10	0,6603		6361	42
2017	4	73001	7300107	1	27		10	0,9323		14159	132
2017	4	73001	7300108	1	27		10	0,7611		11168	85
2017	4	73001	7300109	1	27		10	1,9061		29275	558
2017	4	73001	7300110	1	27		10	0,2875		27132	78
2017	4	73001	7300111	1	27		10	0,2312		4325	10
2017	4	73001	7300112	1	27		10	0,1917		6781	13
2017	4	73001	7300113	1	27		10	0,3849		3637	14
2017	4	5001	500116	1	27		10	1,0005		53974	540
2017	4	5001	500101	1	27		10	1,8569		4039	75
2017	4	5001	500107	1	27		10	1,8522		30342	562
2017	4	5001	500104	1	27		10	1,795		20279	364
2017	4	5001	500105	1	27		10	1,4629		31376	459
2017	4	5001	500115	1	27		10	0,9614		46703	449
2017	4	5001	500103	1	27		10	1,8032		7875	142
2017	4	5001	500114	1	27		10	0,8017		120116	963
2017	4	5001	500112	1	27		10	0,6082		21867	133
2017	4	5001	500113	1	27		10	1,0057		16605	167
2017	4	73001		1	27		10	0,6841		184186	1260
2017	4	86001		2	27		10	0,3189		18185	58
2017	4	20001		1	27		10	0,317		109461	347
2017	4	8001		1	27		10	0,5223		272635	1424
2017	4	68001		1	27		10	0,6618		166512	1102
2017	4	50001		1	27		10	0,5389		277801	1497
2017	4	63001		1	27		10	0,6108		111813	683
2017	4	41001		1	27		10	0,4116		133148	548
2017	4	47001		1	27		10	0,7132		87777	626
2017	4	5001		1	27		10	1,1293		663504	7493
2017	4	76001		1	27		10	0,5845		516003	3016
2017	4	11001		1	27		10	0,8759		3383760	29638
2017	4	66001		1	27		10	0,4195		203830	855
2017	4	17001		1	27		10	0,4525		168840	764
2017	4	76834		1	27		10	0,5792	10	31252	181
2017	4	76109		1	27		10	0,4347	10	54756	238
2017	4	76147		1	27		10	0,3717	10	35243	131
2017	4	76520		1	27		10	0,5651	10	56453	319
2017	4	76892		1	27		10	0,3505	10	46218	162
2017	4	76130		1	27		10	0,7839	10	15690	123
2017	4	76364		1	27		10	0,5707	10	23306	133
2017	4	13001	1300102	1	27		11	0,5826		54587	318



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	13001		1	27	11		0,5448		255874	1394
2017	4	13001	1300101	1	27	11		0,5239		127510	668
2017	4	13001	1300103	1	27	11		0,553		73777	408
2017	4	97001		2	27	17			0,2997		
2017	4	54001	5400106	1	27	18		1,2707		25813	328
2017	4	15759		1	27		18	0,533		80668	430
2017	4	54001	5400104	1	27	18		1,0222		15164	155
2017	4	54001	5400110	1	27	18		0,9005		9883	89
2017	4	54001	5400108	1	27	18		0,7132		24115	172
2017	4	54001	5400105	1	27	18		0,5563		30557	170
2017	4	54001	5400103	1	27	18		1,2259		11991	147
2017	4	54001	5400107	1	27	18		0,6269		21694	136
2017	4	54001	5400109	1	27	18		0,796		15075	120
2017	4	54001	5400102	1	27	18		0,6889		29469	203
2017	4	91001		2	27	18			4,0676		
2017	4	99001		2	27	18			2,6667		
2017	4	15572		1	27		18	0,8167		16775	137
2017	4	25799		1	27		18	1,2797		6486	83
2017	4	25286		1	27		18	1,7773		35390	629
2017	4	25473		1	27		18	1,2665		33636	426
2017	4	85410		1	27		18	2,203		10758	237
2017	4	25175		1	27		18	0,7096		61727	438
2017	4	25758		1	27		18	1,5744		14926	235
2017	4	25307		1	27		18	0,6346		40185	255
2017	4	25377		1	27		18	0,6246		12328	77
2017	4	68081		1	27		18	0,4661		65650	306
2017	4	15238		1	27		18	0,3336		74933	250
2017	4	25430		1	27		18	1,3335		35995	480
2017	4	68679		1	27		18	0,3464		17030	59
2017	4	25214		1	27		18	1,1434		23614	270
2017	4	54001		1	27		18	0,7817		234244	1831
2017	4	81001		1	27		18	0,3446		20892	72
2017	4	15001		1	27		18	0,5428		142417	773
2017	4	85001		1	27		18	1,0377		125466	1302
2017	4	19001		1	27		18	0,3724		134533	501
2017	4	95001		2	27		18	0,4885		17195	84
2017	4	52001		1	27		18	0,8373		112980	946
2017	4	68307		1	27		18	0,6627		27766	184
2017	4	15491		1	27		18	0,688		5087	35
2017	4	25817		1	27		18	0,4599		13917	64
2017	4	68276		1	27		18	1,1785		54306	640
2017	4	25754		1	27		18	1,2255		138152	1693
2017	4	25290		1	27		18	1,0866		54388	591
2017	4	25126		1	27		18	1,1997		31257	375
2017	4	25899		1	27		18	1,0352		49459	512
2017	4	25269		1	27		18	0,7096		58204	413
2017	4	68547		1	27		18	0,9442		23513	222
2017	4	54001	5400101	1	27		18	0,4752		46925	223
2017	4	94001		2	27		19		2,621		
2017	4	73268		1	27		19	0,6683		23642	158
2017	4	44847		1	27		19	0,3136		6058	19
2017	4	5088		1	27		19	1,9419		70754	1374
2017	4	5837		1	27		19	0,9066		25921	235
2017	4	5615		1	27		19	0,4895		57404	281
2017	4	5129		1	27		19	0,8314		16960	141
2017	4	50006		1	27		19	1,0752		33204	357
2017	4	52356		1	27		19	0,9408		18495	174
2017	4	5308		1	27		19	1,0232		12021	123
2017	4	8573		1	27		19	0,2779		9715	27
2017	4	54874		1	27		19	1,2844		14326	184
2017	4	50568		1	27		19	0,6745		12157	82
2017	4	5360		1	27		19	1,281		37782	484
2017	4	5045		1	27		19	0,9603		32908	316
2017	4	5631		1	27		19	0,9433		19507	184
2017	4	27001		2	27		19	1,1085		66759	740
2017	4	44001		1	27		19	0,3839		24225	93
2017	4	88001		2	27		19	0,4309		8819	38
2017	4	5380		1	27		19	1,3295		10681	142
2017	4	5607		1	27		19	0,4551		6592	30
2017	4	44430		1	27		19	0,3283		12487	41
2017	4	54405		1	27		19	0,413		20340	84
2017	4	17380		1	27		19	0,7934		22560	179
2017	4	5318		1	27		19	0,7603		13153	100
2017	4	20011		1	27		19	0,5387		20421	110
2017	4	44560		1	27		19	0,4138		2175	9
2017	4	66170		1	27		19	0,5818		56206	327
2017	4	5266		1	27		19	0,9897		44961	445
2017	4	20400		1	27		19	0,507		15187	77
2017	4	54498		1	27		19	0,6879		23115	159



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	52835		1	27		19	0,5024		25279	127
2017	4	73449		1	27		19	0,6634		20199	134
2017	4	41551		1	27		19	0,9496		42333	402
2017	4	8758		1	27		19	0,4432		46258	205
2017	4	5212		1	27		19	1,6742		15351	257
2017	4	5376		1	27		19	1,0786		14648	158
2017	4	18001		1	27	20		0,6559		61139	401
2017	4	70001		1	28	9		0,3395		69222	235
2017	4	76001	7600121	1	28	10		0,3508		3991	14
2017	4	76001	7600122	1	28	10		1,311		25400	333
2017	4	54001	5400106	1	28	10		0,8839		25682	227
2017	4	54001	5400101	1	28	10		0,458		59385	272
2017	4	54001	5400104	1	28	10		0,8278		13651	113
2017	4	54001	5400110	1	28	10		0,6874		9165	63
2017	4	54001	5400108	1	28	10		0,5086		20054	102
2017	4	54001	5400105	1	28	10		0,4564		30676	140
2017	4	54001	5400103	1	28	10		1,167		10883	127
2017	4	54001	5400107	1	28	10		0,483		18427	89
2017	4	54001	5400109	1	28	10		0,6118		13729	84
2017	4	54001	5400102	1	28	10		0,5979		31609	189
2017	4	8001	800105	1	28	10		0,3038		39829	121
2017	4	8001	800103	1	28	10		0,6128		41123	252
2017	4	8001	800102	1	28	10		0,6793		19138	130
2017	4	8001	800101	1	28	10		0,7817		31214	244
2017	4	8001	800104	1	28	10		0,3576		146819	525
2017	4	68001	6800111	1	28	10		0,3952		4808	19
2017	4	68001	6800117	1	28	10		1,1211		3122	35
2017	4	68001	6800101	1	28	10		0,5925		6076	36
2017	4	68001	6800115	1	28	10		0,5757		16501	95
2017	4	68001	6800113	1	28	10		0,7059		33008	233
2017	4	68001	6800110	1	28	10		0,9225		8889	82
2017	4	68001	6800104	1	28	10		0,862		14385	124
2017	4	68001	6800107	1	28	10		0,4941		3238	16
2017	4	68001	6800106	1	28	10		0,7496		13608	102
2017	4	68001	6800105	1	28	10		1,2447		8034	100
2017	4	68001	6800103	1	28	10		0,4339		19822	86
2017	4	68001	6800108	1	28	10		0,363		2755	10
2017	4	68001	6800116	1	28	10		1,0695		6171	66
2017	4	68001	6800112	1	28	10		0,5035		31578	159
2017	4	11001	1100107	1	28	10		1,0398		134443	1398
2017	4	11001	1100111	1	28	10		0,8801		384863	3387
2017	4	11001	1100105	1	28	10		0,799		57073	456
2017	4	11001	1100108	1	28	10		1,188		369542	4390
2017	4	11001	1100101	1	28	10		1,1167		341805	3817
2017	4	11001	1100110	1	28	10		0,7143		289920	2071
2017	4	11001	1100109	1	28	10		0,999		239129	2389
2017	4	11001	1100114	1	28	10		0,8154		143863	1173
2017	4	11001	1100103	1	28	10		0,7169		143944	1032
2017	4	11001	1100102	1	28	10		0,467		317321	1482
2017	4	11001	1100117	1	28	10		0,6287		59962	377
2017	4	11001	1100106	1	28	10		1,2179		66182	806
2017	4	11001	1100113	1	28	10		0,9055		205741	1863
2017	4	11001	1100118	1	28	10		0,9319		99901	931
2017	4	11001	1100116	1	28	10		0,6315		218194	1378
2017	4	11001	1100104	1	28	10		1,4267		74857	1068
2017	4	11001	1100115	1	28	10		0,931		57790	538
2017	4	11001	1100112	1	28	10		0,682		153369	1046
2017	4	11001	1100119	1	28	10		1,1857		106771	1266
2017	4	76001	7600101	1	28	10		0,5831		6174	36
2017	4	76001	7600102	1	28	10		0,361		84763	306
2017	4	76001	7600103	1	28	10		0,6233		61452	383
2017	4	76001	7600104	1	28	10		0,1274		23544	30
2017	4	76001	7600105	1	28	10		0,2099		21442	45
2017	4	76001	7600106	1	28	10		0,2345		12365	29
2017	4	76001	7600107	1	28	10		0,4236		8498	36
2017	4	76001	7600108	1	28	10		0,4001		24994	100
2017	4	76001	7600109	1	28	10		0,5467		22683	124
2017	4	76001	7600110	1	28	10		0,6435		23000	148
2017	4	76001	7600111	1	28	10		1,1599		12329	143
2017	4	76001	7600112	1	28	10		0,3579		3912	14
2017	4	76001	7600113	1	28	10		0,7334		14726	108
2017	4	76001	7600114	1	28	10		0,4806		14566	70
2017	4	76001	7600115	1	28	10		0,5466		6952	38
2017	4	76001	7600116	1	28	10		0,5851		10426	61
2017	4	76001	7600117	1	28	10		0,56		52860	296
2017	4	76001	7600118	1	28	10		0,996		17872	178
2017	4	76001	7600119	1	28	10		0,5884		64582	380
2017	4	76001	7600120	1	28	10		1,3486		3485	47
2017	4	76111		1	28		10	0,3013		18921	57



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	50001	5000101	1	28	10		0,6941		20026	139
2017	4	50001	5000102	1	28	10		0,6611		67762	448
2017	4	50001	5000103	1	28	10		0,1896		27422	52
2017	4	50001	5000104	1	28	10		0,4472		23031	103
2017	4	50001	5000105	1	28	10		0,4889		49294	241
2017	4	50001	5000106	1	28	10		0,1127		12422	14
2017	4	50001	5000107	1	28	10		0,8781		38833	341
2017	4	50001	5000108	1	28	10		0,5692		18097	103
2017	4	73001	7300101	1	28	10		0,2476		36760	91
2017	4	73001	7300102	1	28	10		0,3961		3282	13
2017	4	73001	7300103	1	28	10		0,6859		11664	80
2017	4	73001	7300104	1	28	10		0,2757		15598	43
2017	4	73001	7300105	1	28	10		0,4241		16507	70
2017	4	73001	7300106	1	28	10		0,3638		6872	25
2017	4	73001	7300107	1	28	10		1,0231		15932	163
2017	4	73001	7300108	1	28	10		0,8076		11516	93
2017	4	73001	7300109	1	28	10		1,4789		31849	471
2017	4	73001	7300110	1	28	10		0,2752		28704	79
2017	4	73001	7300111	1	28	10		0,1881		4253	8
2017	4	73001	7300112	1	28	10		0,2199		7277	16
2017	4	73001	7300113	1	28	10		0,5698		3861	22
2017	4	13001	1300102	1	28	10		0,8659		51623	447
2017	4	13001	1300103	1	28	10		0,6378		68512	437
2017	4	13001	1300101	1	28	10		0,4208		126895	534
2017	4	20001		1	28	10		0,4076		114334	466
2017	4	68001		1	28	10		0,6817		174111	1187
2017	4	47001		1	28	10		0,5828		90602	528
2017	4	8001		1	28	10		0,4584		280775	1287
2017	4	73001		1	28	10		0,6146		197681	1215
2017	4	41001		1	28	10		0,3384		140079	474
2017	4	76001		1	28	10		0,5834		531740	3102
2017	4	27001		2	28	10		1,0524		82475	868
2017	4	23001		1	28	10		0,469		167376	785
2017	4	18001		1	28	10		0,3502		89380	313
2017	4	13001		1	28	10		0,574		247030	1418
2017	4	50001		1	28	10		0,625		283659	1773
2017	4	44001		1	28	10		0,4794		28371	136
2017	4	17001		1	28	10		0,434		176483	766
2017	4	54001		1	28	10		0,6224		236811	1474
2017	4	11001		1	28	10		0,8909		3464670	30868
2017	4	66001		1	28	10		0,3823		212425	812
2017	4	52001		1	28	10		0,7888		117396	926
2017	4	76834		1	28		10	0,6324		32888	208
2017	4	76109		1	28		10	0,438		55247	242
2017	4	76147		1	28		10	0,362		35355	128
2017	4	76520		1	28		10	0,5492		59903	329
2017	4	76892		1	28		10	0,3237		48197	156
2017	4	76130		1	28		10	0,8036		16426	132
2017	4	76364		1	28		10	0,5761		24129	139
2017	4	5001	500102	1	28	11		1,9491		13647	266
2017	4	5001		1	28	11		1,1031		707268	7802
2017	4	5001	500110	1	28	11		1,1211		183126	2053
2017	4	5001	500108	1	28	11		1,4849		15287	227
2017	4	5001	500106	1	28	11		1,6337		12977	212
2017	4	5001	500111	1	28	11		0,8853		72972	646
2017	4	5001	500116	1	28	11		1,0168		57141	581
2017	4	5001	500101	1	28	11		1,6748		4299	72
2017	4	5001	500107	1	28	11		1,9948		30580	610
2017	4	5001	500104	1	28	11		1,6715		20760	347
2017	4	5001	500105	1	28	11		1,9901		33566	668
2017	4	5001	500115	1	28	11		0,6851		48463	332
2017	4	5001	500103	1	28	11		1,4349		8154	117
2017	4	5001	500114	1	28	11		0,5733		128375	736
2017	4	5001	500112	1	28	11		0,7348		23952	176
2017	4	5001	500113	1	28	11		1,4611		16837	246
2017	4	63001		1	28	11		0,5607		116650	654
2017	4	5001	500109	1	28	11		1,3401		17835	239
2017	4	86001		2	28	15		0,599		20032	120
2017	4	81001		1	28	17		0,2532		21329	54
2017	4	99001		2	28	17			1,9637		
2017	4	91001		2	28	18			3,9051		
2017	4	15759		1	28		18	0,4528		83923	380
2017	4	25799		1	28		18	1,5423		6419	99
2017	4	25286		1	28		18	1,6407		36143	593
2017	4	25473		1	28		18	1,71		37954	649
2017	4	85410		1	28		18	2,0295		10298	209
2017	4	25175		1	28		18	0,808		66587	538
2017	4	25758		1	28		18	1,502		14847	223
2017	4	25307		1	28		18	0,6791		44472	302



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	25377		1	28		18	0,6555		12510	82
2017	4	68081		1	28		18	0,46		65223	300
2017	4	15238		1	28		18	0,3911		82593	323
2017	4	25430		1	28		18	1,7286		35924	621
2017	4	68679		1	28		18	1,487		18157	270
2017	4	25214		1	28		18	1,0247		22934	235
2017	4	15001		1	28		18	0,4659		147463	687
2017	4	85001		1	28		18	0,6703		131587	882
2017	4	95001		2	28		18	0,2346		16626	39
2017	4	19001		1	28		18	0,4032		142369	574
2017	4	68307		1	28		18	0,5988		30227	181
2017	4	15491		1	28		18	0,8028		5107	41
2017	4	25817		1	28		18	0,479		15032	72
2017	4	68276		1	28		18	1,1369		56471	642
2017	4	25754		1	28		18	1,0648		147630	1572
2017	4	25290		1	28		18	1,1498		57226	658
2017	4	25126		1	28		18	1,3014		32887	428
2017	4	25899		1	28		18	1,0722		51574	553
2017	4	25269		1	28		18	0,7174		58404	419
2017	4	68547		1	28		18	0,8951		23797	213
2017	4	15572		1	28		18	0,8282		17267	143
2017	4	94001		2	28		19		1,7241		
2017	4	73268		1	28		19	0,5355		25957	139
2017	4	5376		1	28		19	0,711		15190	108
2017	4	44847		1	28		19	0,2739		6207	17
2017	4	5088		1	28		19	1,8817		78812	1483
2017	4	5837		1	28		19	0,9048		27077	245
2017	4	5615		1	28		19	0,4272		63208	270
2017	4	5129		1	28		19	1,1115		19343	215
2017	4	50006		1	28		19	1,0642		33827	360
2017	4	52356		1	28		19	0,7547		18684	141
2017	4	5308		1	28		19	0,7413		12680	94
2017	4	8573		1	28		19	0,4653		10961	51
2017	4	54874		1	28		19	1,244		14228	177
2017	4	50568		1	28		19	0,636		11949	76
2017	4	5360		1	28		19	1,1841		43408	514
2017	4	5045		1	28		19	0,6759		35954	243
2017	4	5631		1	28		19	0,969		26728	259
2017	4	88001		2	28		19	0,3992		9520	38
2017	4	5380		1	28		19	1,4007		12565	176
2017	4	5607		1	28		19	0,314		7324	23
2017	4	44430		1	28		19	0,2249		12448	28
2017	4	54405		1	28		19	0,3984		20583	82
2017	4	17380		1	28		19	0,852		23710	202
2017	4	5318		1	28		19	0,6611		14068	93
2017	4	20011		1	28		19	0,4664		19726	92
2017	4	44560		1	28		19	0,6699		2239	15
2017	4	66170		1	28		19	0,5397		61887	334
2017	4	5266		1	28		19	1,1625		50752	590
2017	4	20400		1	28		19	0,2656		14305	38
2017	4	54498		1	28		19	0,5931		23772	141
2017	4	52835		1	28		19	1,328		25753	342
2017	4	73449		1	28		19	0,628		24363	153
2017	4	41551		1	28		19	0,9434		44412	419
2017	4	8758		1	28		19	0,5291		47817	253
2017	4	5212		1	28		19	1,7052		15717	268
2017	4	97001		2	28		19		0,4559		
2017	4	76147		1	29		10	0,3137		35706	112
2017	4	8758		1	29		10	0,3967		49658	197
2017	4	76520		1	29		10	0,6815		58404	398
2017	4	76892		1	29		10	0,4006		38440	154
2017	4	5212		1	29		10	1,3747		16294	224
2017	4	76130		1	29		10	0,783		14942	117
2017	4	76364		1	29		10	0,5158		25786	133
2017	4	5360		1	29		10	0,8159		57972	473
2017	4	25758		1	29		10	0,97		16082	156
2017	4	25307		1	29		10	0,5946		45412	270
2017	4	25377		1	29		10	0,4174		12697	53
2017	4	68081		1	29		10	0,3735		63721	238
2017	4	15238		1	29		10	0,3054		76286	233
2017	4	25430		1	29		10	1,2797		31102	398
2017	4	76111		1	29		10	0,2908		18915	55
2017	4	5045		1	29		10	0,6876		39265	270
2017	4	5631		1	29		10	0,828		26690	221
2017	4	68679		1	29		10	0,5022		16924	85
2017	4	25214		1	29		10	1,3222		24655	326
2017	4	73001	7300101	1	29		10	0,2145		27975	60
2017	4	73001	7300102	1	29		10	0,1662		3610	6
2017	4	73001	7300103	1	29		10	0,6182		10999	68



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	73001	7300104	1	29		10	0,3555		14908	53
2017	4	73001	7300105	1	29		10	0,427		18266	78
2017	4	73001	7300106	1	29		10	0,4756		6728	32
2017	4	73001	7300107	1	29		10	0,7561		15209	115
2017	4	73001	7300108	1	29		10	0,6808		12192	83
2017	4	73001	7300109	1	29		10	1,396		29083	406
2017	4	73001	7300110	1	29		10	0,1667		23995	40
2017	4	73001	7300111	1	29		10	0,1791		4466	8
2017	4	73001	7300112	1	29		10	0,3563		7297	26
2017	4	73001	7300113	1	29		10	0,3557		3936	14
2017	4	13001	1300102	1	29		10	0,6266		54577	342
2017	4	13001	1300103	1	29		10	0,6374		66995	427
2017	4	13001	1300101	1	29		10	0,4133		114921	475
2017	4	23001		1	29		10	0,4728		162640	769
2017	4	41001		1	29		10	0,3889		137051	533
2017	4	47001		1	29		10	0,5481		83014	455
2017	4	8001		1	29		10	0,4682		257135	1204
2017	4	54001		1	29		10	0,6697		232794	1559
2017	4	20001		1	29		10	0,357		110932	396
2017	4	70001		1	29		10	0,3373		71151	240
2017	4	86001		2	29		10	0,4463		16132	72
2017	4	13001		1	29		10	0,526		236493	1244
2017	4	15001		1	29		10	0,3572		121775	435
2017	4	85001		1	29		10	0,554		110464	612
2017	4	76001		1	29		10	0,5916		490048	2899
2017	4	73001		1	29		10	0,561		182163	1022
2017	4	19001		1	29		10	0,3283		122142	401
2017	4	68001		1	29		10	0,7426		161735	1201
2017	4	68307		1	29		10	0,5333		33753	180
2017	4	15491		1	29		10	0,8216		5477	45
2017	4	25817		1	29		10	0,4479		12502	56
2017	4	5380		1	29		10	0,9399		14683	138
2017	4	5607		1	29		10	0,2793		7877	22
2017	4	44430		1	29		10	0,2748		14556	40
2017	4	68276		1	29		10	0,8217		50870	418
2017	4	25754		1	29		10	0,8126		132171	1074
2017	4	17380		1	29		10	0,6675		24269	162
2017	4	5318		1	29		10	0,5228		13197	69
2017	4	25290		1	29		10	1,0027		56844	570
2017	4	44560		1	29		10	0,719		1669	12
2017	4	66170		1	29		10	0,4713		62170	293
2017	4	25126		1	29		10	0,9008		30974	279
2017	4	5266		1	29		10	0,8788		57809	508
2017	4	25899		1	29		10	0,8703		45386	395
2017	4	25269		1	29		10	0,5996		49366	296
2017	4	76834		1	29		10	0,4562		32003	146
2017	4	76109		1	29		10	0,4657		52178	243
2017	4	68547		1	29		10	0,8275		26344	218
2017	4	15759		1	29		10	0,4471		72918	326
2017	4	76001	7600121	1	29		10	0,5388		4083	22
2017	4	76001	7600122	1	29		10	1,1952		23510	281
2017	4	54001	5400106	1	29		10	1,0839		27586	299
2017	4	54001	5400101	1	29		10	0,3625		52696	191
2017	4	54001	5400104	1	29		10	0,8752		14853	130
2017	4	54001	5400110	1	29		10	0,9657		9837	95
2017	4	54001	5400108	1	29		10	0,4879		20906	102
2017	4	54001	5400105	1	29		10	0,4995		32033	160
2017	4	54001	5400103	1	29		10	1,3244		11024	146
2017	4	54001	5400107	1	29		10	0,6318		19152	121
2017	4	54001	5400109	1	29		10	0,6326		14227	90
2017	4	54001	5400102	1	29		10	0,5812		26839	156
2017	4	8001	800105	1	29		10	0,2983		39899	119
2017	4	8001	800103	1	29		10	0,4612		40984	189
2017	4	8001	800102	1	29		10	0,7227		20617	149
2017	4	8001	800101	1	29		10	0,802		33169	266
2017	4	8001	800104	1	29		10	0,3887		119899	466
2017	4	68001	6800111	1	29		10	0,4889		5114	25
2017	4	68001	6800117	1	29		10	1,5116		3374	51
2017	4	68001	6800101	1	29		10	1,3008		6304	82
2017	4	68001	6800115	1	29		10	0,3955		12138	48
2017	4	68001	6800113	1	29		10	0,8426		29194	246
2017	4	68001	6800110	1	29		10	0,8689		9782	85
2017	4	68001	6800104	1	29		10	0,5642		14180	80
2017	4	68001	6800107	1	29		10	0,5289		2836	15
2017	4	68001	6800106	1	29		10	0,658		13830	91
2017	4	68001	6800105	1	29		10	1,4575		7204	105
2017	4	68001	6800103	1	29		10	0,5732		19015	109
2017	4	68001	6800108	1	29		10	0,9045		2985	27
2017	4	68001	6800116	1	29		10	0,7699		7404	57



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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	4	68001	6800112	1	29	10		0,5955		26365	157
2017	4	76001	7600101	1	29	10		0,6651		6465	43
2017	4	76001	7600102	1	29	10		0,3103		64779	201
2017	4	76001	7600103	1	29	10		0,5261		40105	211
2017	4	76001	7600104	1	29	10		0,1555		21221	33
2017	4	76001	7600105	1	29	10		0,2167		23536	51
2017	4	76001	7600106	1	29	10		0,2746		14568	40
2017	4	76001	7600107	1	29	10		0,5273		8724	46
2017	4	76001	7600108	1	29	10		0,3549		25644	91
2017	4	76001	7600109	1	29	10		0,3599		21672	78
2017	4	76001	7600110	1	29	10		0,4741		24257	115
2017	4	76001	7600111	1	29	10		0,634		12303	78
2017	4	76001	7600112	1	29	10		0,2832		4237	12
2017	4	76001	7600113	1	29	10		0,605		15371	93
2017	4	76001	7600114	1	29	10		0,5929		15516	92
2017	4	76001	7600115	1	29	10		0,5499		7638	42
2017	4	76001	7600116	1	29	10		0,6984		10596	74
2017	4	76001	7600117	1	29	10		0,5961		56704	338
2017	4	76001	7600118	1	29	10		1,9158		18582	356
2017	4	76001	7600119	1	29	10		0,7979		54392	434
2017	4	76001	7600120	1	29	10		0,4625		3892	18
2017	4	5376		1	29		10	0,4495		15349	69
2017	4	44847		1	29		10	0,1033		5809	6
2017	4	15572		1	29		10	0,6848		14895	102
2017	4	5088		1	29		10	1,4157		69789	988
2017	4	5837		1	29		10	0,6848		24242	166
2017	4	25799		1	29		10	1,0187		5988	61
2017	4	5615		1	29		10	0,4001		67233	269
2017	4	5129		1	29		10	0,6596		17436	115
2017	4	25286		1	29		10	1,1134		33141	369
2017	4	25473		1	29		10	0,9288		32945	306
2017	4	5308		1	29		10	0,5174		13530	70
2017	4	8573		1	29		10	0,2495		14429	36
2017	4	25175		1	29		10	0,6139		59949	368
2017	4	99001		2	29	11			1,9809		
2017	4	5001	500102	1	29	11		1,5645		14957	234
2017	4	5001	500109	1	29	11		1,2013		20311	244
2017	4	5001	500110	1	29	11		0,936		152560	1428
2017	4	5001	500108	1	29	11		1,4279		15968	228
2017	4	5001	500106	1	29	11		1,12		14911	167
2017	4	5001	500111	1	29	11		0,8752		65360	572
2017	4	11001	1100107	1	29	11		0,8766		146135	1281
2017	4	11001	1100111	1	29	11		0,782		391446	3061
2017	4	11001	1100105	1	29	11		0,6281		63688	400
2017	4	11001	1100108	1	29	11		0,8962		387070	3469
2017	4	11001	1100101	1	29	11		0,6342		275454	1747
2017	4	11001	1100110	1	29	11		0,6521		296599	1934
2017	4	11001	1100109	1	29	11		0,8645		204270	1766
2017	4	11001	1100114	1	29	11		0,4347		132504	576
2017	4	11001	1100103	1	29	11		0,5388		100030	539
2017	4	11001	1100102	1	29	11		0,4001		166688	667
2017	4	11001	1100117	1	29	11		0,5562		34160	190
2017	4	11001	1100106	1	29	11		0,9456		72334	684
2017	4	11001	1100113	1	29	11		0,464		136867	635
2017	4	11001	1100118	1	29	11		0,7641		109409	836
2017	4	11001	1100116	1	29	11		0,4857		181783	883
2017	4	11001	1100104	1	29	11		1,2835		78689	1010
2017	4	11001	1100115	1	29	11		0,7951		60870	484
2017	4	11001	1100112	1	29	11		0,3799		129246	491
2017	4	11001	1100119	1	29	11		0,9348		117139	1095
2017	4	50001	5000101	1	29	11		0,4722		18848	89
2017	4	50001	5000102	1	29	11		0,3431		53624	184
2017	4	50001	5000103	1	29	11		0,3397		30317	103
2017	4	50001	5000104	1	29	11		0,3932		23395	92
2017	4	50001	5000105	1	29	11		0,452		51996	235
2017	4	50001	5000106	1	29	11		0,0934		12850	12
2017	4	50001	5000107	1	29	11		0,9071		42332	384
2017	4	50001	5000108	1	29	11		0,4529		19871	90
2017	4	5001	500116	1	29	11		0,9034		55676	503
2017	4	5001	500101	1	29	11		1,4237		4355	62
2017	4	5001	500107	1	29	11		1,9515		31770	620
2017	4	5001	500104	1	29	11		1,4101		21063	297
2017	4	5001	500105	1	29	11		1,5347		33557	515
2017	4	5001	500115	1	29	11		0,5215		36241	189
2017	4	5001	500103	1	29	11		1,2368		8975	111
2017	4	5001	500114	1	29	11		0,507		86981	441
2017	4	5001	500112	1	29	11		0,5993		24194	145
2017	4	5001	500113	1	29	11		1,0591		19640	208
2017	4	18001		1	29	11		0,4032		87050	351



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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	4	17001		1	29		11	0,4667		166051	775
2017	4	66001		1	29		11	0,3684		200570	739
2017	4	88001		2	29		11	0,501		9382	47
2017	4	11001		1	29		11	0,7051		3084381	21748
2017	4	52001		1	29		11	0,7011		111113	779
2017	4	50001		1	29		11	0,5335		277770	1482
2017	4	5001		1	29		11	0,9898		628924	6225
2017	4	44001		1	29		11	0,3825		26664	102
2017	4	63001		1	29		11	0,5855		109133	639
2017	4	81001		1	29		18	0,392		18367	72
2017	4	97001		2	29		19		0,2703		
2017	4	27001		2	29		19	1,0767		67892	731
2017	4	41551		1	29		19	0,8502		44345	377
2017	4	73449		1	29		19	0,8281		29707	246
2017	4	50006		1	29		19	1,1868		32777	389
2017	4	52356		1	29		19	0,7599		19608	149
2017	4	85410		1	29		19	1,6631		7396	123
2017	4	54874		1	29		19	1,0265		15782	162
2017	4	50568		1	29		19	0,4989		10422	52
2017	4	73268		1	29		19	0,6814		27735	189
2017	4	54405		1	29		19	0,3287		23423	77
2017	4	20011		1	29		19	0,3563		18243	65
2017	4	20400		1	29		19	0,3173		12921	41
2017	4	54498		1	29		19	0,7572		22583	171
2017	4	52835		1	29		19	0,6035		26181	158
2017	4	95001		2	29		20	0,3024		11903	36
2017	4	94001		2	29		20		2,3896		
2017	4	91001		2	29		20		4,7879		
2017	4	54001	5400106	1	30		10	1,3439		23365	314
2017	4	15759		1	30		10	0,4637		51539	239
2017	4	54001	5400104	1	30		10	0,7329		11871	87
2017	4	54001	5400110	1	30		10	0,4475		8269	37
2017	4	54001	5400108	1	30		10	0,5319		21997	117
2017	4	54001	5400105	1	30		10	0,5366		17889	96
2017	4	54001	5400103	1	30		10	0,9172		10031	92
2017	4	54001	5400107	1	30		10	0,6339		18929	120
2017	4	54001	5400109	1	30		10	0,8031		13323	107
2017	4	54001	5400102	1	30		10	0,6591		12744	84
2017	4	15572		1	30		10	1,2092		11164	135
2017	4	15238		1	30		10	0,3385		53177	180
2017	4	15001		1	30		10	0,3923		78249	307
2017	4	54001		1	30		10	0,7103		162321	1153
2017	4	15491		1	30		10	0,857		4084	35
2017	4	54001	5400101	1	30		10	0,2472		21442	53
2017	4	13001	1300103	1	30		11	0,7283		47783	348
2017	4	13001	1300101	1	30		11	0,5138		68895	354
2017	4	66001		1	30		11	0,5055		119086	602
2017	4	63001		1	30		11	0,7962		62424	497
2017	4	8001		1	30		11	0,6927		136707	947
2017	4	73001		1	30		11	0,7571		131293	994
2017	4	13001		1	30		11	0,5683		161900	920
2017	4	76001		1	30		11	0,6324		297116	1879
2017	4	11001		1	30		11	0,6748		1971559	13304
2017	4	68307		1	30		11	0,5501		21267	117
2017	4	68276		1	30		11	0,8273		40011	331
2017	4	76834		1	30		11	0,4897		22666	111
2017	4	76109		1	30		11	0,4698		37678	177
2017	4	68547		1	30		11	1,1645		23015	268
2017	4	76147		1	30		11	0,4038		25263	102
2017	4	8758		1	30		11	0,5205		43616	227
2017	4	76520		1	30		11	0,7075		41981	297
2017	4	76892		1	30		11	0,5486		20964	115
2017	4	76130		1	30		11	0,7626		13375	102
2017	4	76364		1	30		11	0,5796		21221	123
2017	4	76001	7600121	1	30		11	0,4603		4997	23
2017	4	76001	7600122	1	30		11	1,5443		10555	163
2017	4	8001	800105	1	30		11	0,6064		18635	113
2017	4	8001	800103	1	30		11	0,7339		26433	194
2017	4	8001	800102	1	30		11	0,7888		17875	141
2017	4	8001	800101	1	30		11	0,8639		25002	216
2017	4	8001	800104	1	30		11	0,5514		46790	258
2017	4	11001	1100107	1	30		11	0,8364		141318	1182
2017	4	11001	1100111	1	30		11	0,7142		272064	1943
2017	4	11001	1100105	1	30		11	0,7825		68245	534
2017	4	11001	1100108	1	30		11	0,6511		280001	1823
2017	4	11001	1100101	1	30		11	0,6188		148350	918
2017	4	11001	1100110	1	30		11	0,5417		203977	1105
2017	4	11001	1100109	1	30		11	0,566		114306	647
2017	4	11001	1100114	1	30		11	0,4038		50278	203



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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	4	11001	1100103	1	30	11		0,8869		42280	375
2017	4	11001	1100102	1	30	11		0,4007		56147	225
2017	4	11001	1100117	1	30	11		0,9711		14520	141
2017	4	11001	1100106	1	30	11		0,9744		55215	538
2017	4	11001	1100113	1	30	11		0,4832		74918	362
2017	4	11001	1100118	1	30	11		0,7572		85449	647
2017	4	11001	1100116	1	30	11		0,4298		91201	392
2017	4	11001	1100104	1	30	11		1,1605		76003	882
2017	4	11001	1100115	1	30	11		0,6618		29011	192
2017	4	11001	1100112	1	30	11		0,2774		54428	151
2017	4	11001	1100119	1	30	11		0,917		113848	1044
2017	4	76001	7600101	1	30	11		0,5797		5693	33
2017	4	76001	7600102	1	30	11		0,3333		27900	93
2017	4	76001	7600103	1	30	11		0,6018		12628	76
2017	4	76001	7600104	1	30	11		0,1549		8393	13
2017	4	76001	7600105	1	30	11		0,2692		17833	48
2017	4	76001	7600106	1	30	11		0,3197		12510	40
2017	4	76001	7600107	1	30	11		0,5311		7155	38
2017	4	76001	7600108	1	30	11		0,3432		16026	55
2017	4	76001	7600109	1	30	11		0,4389		8202	36
2017	4	76001	7600110	1	30	11		0,388		14691	57
2017	4	76001	7600111	1	30	11		0,7192		9872	71
2017	4	76001	7600112	1	30	11		0,3419		3217	11
2017	4	76001	7600113	1	30	11		0,4797		14802	71
2017	4	76001	7600114	1	30	11		0,5312		16944	90
2017	4	76001	7600115	1	30	11		0,6454		8677	56
2017	4	76001	7600116	1	30	11		0,5301		10187	54
2017	4	76001	7600117	1	30	11		0,6498		33242	216
2017	4	76001	7600118	1	30	11		1,6732		14463	242
2017	4	76001	7600119	1	30	11		0,9863		24840	245
2017	4	76001	7600120	1	30	11		0,4324		3469	15
2017	4	8573		1	30		11	0,4074		9081	37
2017	4	68081		1	30		11	0,5926		46574	276
2017	4	76111		1	30		11	0,2556		15256	39
2017	4	68679		1	30		11	0,3944		13183	52
2017	4	73001	7300101	1	30	11		0,339		16813	57
2017	4	73001	7300102	1	30	11		0,8169		2693	22
2017	4	73001	7300103	1	30	11		0,2929		6828	20
2017	4	73001	7300104	1	30	11		0,1972		10142	20
2017	4	73001	7300105	1	30	11		0,3785		11888	45
2017	4	73001	7300106	1	30	11		0,3068		5541	17
2017	4	73001	7300107	1	30	11		1,0802		14719	159
2017	4	73001	7300108	1	30	11		0,7122		11093	79
2017	4	73001	7300109	1	30	11		2,3378		19249	450
2017	4	73001	7300110	1	30	11		0,2786		14001	39
2017	4	73001	7300111	1	30	11		0,1928		4667	9
2017	4	73001	7300112	1	30	11		0,2823		7084	20
2017	4	73001	7300113	1	30	11		0,6948		3886	27
2017	4	13001	1300102	1	30	11		0,4821		45222	218
2017	4	99001		2	30	18			1,9789		
2017	4	97001		2	30	18			0,7716		
2017	4	5376		1	30		19	1,1717		13229	155
2017	4	5088		1	30		19	1,53		57646	882
2017	4	5837		1	30		19	1,0129		22411	227
2017	4	25799		1	30		19	1,1591		4055	47
2017	4	5615		1	30		19	0,6603		44376	293
2017	4	5129		1	30		19	0,8315		14191	118
2017	4	50006		1	30		19	1,0085		26772	270
2017	4	25286		1	30		19	1,37		18175	249
2017	4	25473		1	30		19	0,9529		21619	206
2017	4	52356		1	30		19	0,8042		13927	112
2017	4	5308		1	30		19	1,5336		9846	151
2017	4	85410		1	30		19	1,7438		5448	95
2017	4	25175		1	30		19	0,6773		42226	286
2017	4	50568		1	30		19	0,7966		9164	73
2017	4	5360		1	30		19	1,0601		23206	246
2017	4	25758		1	30		19	1,217		9367	114
2017	4	25307		1	30		19	0,8325		31112	259
2017	4	25377		1	30		19	0,5909		8969	53
2017	4	25430		1	30		19	1,1421		23640	270
2017	4	5045		1	30		19	1,244		28938	360
2017	4	5631		1	30		19	0,6516		13813	90
2017	4	25214		1	30		19	0,9781		10224	100
2017	4	50001	5000101	1	30	19		0,765		10588	81
2017	4	50001	5000102	1	30	19		0,7158		15227	109
2017	4	50001	5000103	1	30	19		0,282		9574	27
2017	4	50001	5000104	1	30	19		0,69		21015	145
2017	4	50001	5000105	1	30	19		0,5159		37022	191
2017	4	50001	5000106	1	30	19		0,2028		5424	11



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 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	4	50001	5000107	1	30	19		0,9322		27890	260
2017	4	50001	5000108	1	30	19		0,6011		15637	94
2017	4	20001		1	30	19		0,2902		87520	254
2017	4	86001		2	30	19		0,4904		9992	49
2017	4	50001		1	30	19		0,761		165167	1257
2017	4	85001		1	30	19		0,999		65268	652
2017	4	44001		1	30	19		0,5521		17752	98
2017	4	47001		1	30	19		0,996		58032	578
2017	4	23001		1	30	19		0,7221		110925	801
2017	4	81001		1	30	19		1,1358		12150	138
2017	4	70001		1	30	19		0,4344		41670	181
2017	4	95001		2	30	19		0,2675		11215	30
2017	4	17001		1	30	19		0,5304		97654	518
2017	4	27001		2	30	19		1,1223		62550	702
2017	4	25817		1	30		19	0,5375		8930	48
2017	4	5380		1	30		19	0,7157		7685	55
2017	4	5607		1	30		19	0,2834		6704	19
2017	4	25754		1	30		19	1,1552		120321	1390
2017	4	17380		1	30		19	0,7086		19474	138
2017	4	5318		1	30		19	0,7656		12800	98
2017	4	25290		1	30		19	1,6549		43447	719
2017	4	66170		1	30		19	0,5095		43765	223
2017	4	25126		1	30		19	1,2025		20041	241
2017	4	5266		1	30		19	0,9135		27368	250
2017	4	25899		1	30		19	1,0401		33361	347
2017	4	25269		1	30		19	0,7367		40857	301
2017	4	52835		1	30		19	0,5319		22747	121
2017	4	73449		1	30		19	0,9017		25619	231
2017	4	5212		1	30		19	1,7458		12201	213
2017	4	73268		1	30		19	0,5519		19932	110
2017	4	94001		2	30	20			1,4197		
2017	4	41551		1	30		20	1,1096		30191	335
2017	4	5001	500102	1	30	20		1,9552		17083	334
2017	4	5001	500109	1	30	20		1,6926		17311	293
2017	4	5001	500110	1	30	20		1,5609		28381	443
2017	4	5001	500108	1	30	20		1,981		14437	286
2017	4	5001	500106	1	30	20		1,7589		15635	275
2017	4	5001	500111	1	30	20		1,0975		20775	228
2017	4	68001	6800111	1	30	20		1,0691		2619	28
2017	4	68001	6800117	1	30	20		1,4812		2633	39
2017	4	68001	6800101	1	30	20		1,0563		5491	58
2017	4	68001	6800115	1	30	20		0,9398		1064	10
2017	4	68001	6800113	1	30	20		0,6683		10924	73
2017	4	68001	6800110	1	30	20		2,2329		7255	162
2017	4	68001	6800104	1	30	20		1,4539		3164	46
2017	4	68001	6800107	1	30	20		0,813		1722	14
2017	4	68001	6800106	1	30	20		0,7455		4829	36
2017	4	68001	6800105	1	30	20		1,5583		4877	76
2017	4	68001	6800103	1	30	20		0,5121		8397	43
2017	4	68001	6800108	1	30	20		1,1574		2160	25
2017	4	68001	6800116	1	30	20		1,0843		5349	58
2017	4	68001	6800112	1	30	20		0,7269		7016	51
2017	4	44847		1	30		20	0,2015		4466	9
2017	4	54874		1	30		20	1,3033		10128	132
2017	4	5001	500116	1	30	20		1,0403		29798	310
2017	4	5001	500101	1	30	20		1,5879		5416	86
2017	4	5001	500107	1	30	20		2,0087		25888	520
2017	4	5001	500104	1	30	20		1,6032		17216	276
2017	4	5001	500105	1	30	20		2,0455		23026	471
2017	4	5001	500115	1	30	20		1,1056		11758	130
2017	4	5001	500103	1	30	20		1,4096		10641	150
2017	4	5001	500114	1	30	20		0,5778		24230	140
2017	4	5001	500112	1	30	20		1,0651		11924	127
2017	4	5001	500113	1	30	20		1,2697		17957	228
2017	4	5001		1	30	20		1,4581		311097	4536
2017	4	88001		2	30	20		0,3518		7391	26
2017	4	41001		1	30	20		0,4388		75433	331
2017	4	18001		1	30	20		0,6917		52332	362
2017	4	52001		1	30	20		0,8819		56353	497
2017	4	19001		1	30	20		0,5164		77067	398
2017	4	68001		1	30	20		1,0711		68996	739
2017	4	44430		1	30		20	0,2612		9189	24
2017	4	54405		1	30		20	0,3568		15413	55
2017	4	20011		1	30		20	0,4397		14327	63
2017	4	44560		1	30		20	0,9104		1428	13
2017	4	20400		1	30		20	0,4377		10281	45
2017	4	54498		1	30		20	0,5931		17534	104
2017	4	91001		2	30	20			3,8909		