



OPERADOR COMCEL S.A.  
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – ABRIL 2016  
DISPONIBILIDAD EB DESAGREGADO

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	4	5	5001		1	99,98161896
2016	4	5	5045		1	100
2016	4	5	5088		1	99,99775327
2016	4	5	5129		1	99,99272487
2016	4	5	5212		1	100
2016	4	5	5266		1	99,9721093
2016	4	5	5308		1	99,92378917
2016	4	5	5318		1	99,94274691
2016	4	5	5360		1	99,95627987
2016	4	5	5380		1	99,78915056
2016	4	5	5607		1	99,98792989
2016	4	5	5615		1	99,88609038
2016	4	5	5631		1	99,96671456
2016	4	8	8001		1	99,70035474
2016	4	8	8433		1	99,81481481
2016	4	8	8573		1	98,14326132
2016	4	8	8758		1	99,7156138
2016	4	13	13001		1	99,56331537
2016	4	15	15001		1	100
2016	4	15	15238		1	99,97069932
2016	4	15	15572		1	99,97422138
2016	4	15	15759		1	99,98148148
2016	4	17	17001		1	99,97065728
2016	4	18	18001		1	99,78543771
2016	4	19	19001		1	99,90388177
2016	4	20	20001		1	99,83159722
2016	4	20	20011		1	99,6539903
2016	4	20	20400		1	98,60477583
2016	4	20	20443		1	100
2016	4	20	20750		1	99,52932099
2016	4	23	23001		1	99,55279213
2016	4	25	11001		1	99,96620986
2016	4	25	25126		1	99,23160331
2016	4	25	25175		1	99,97066327
2016	4	25	25214		1	100
2016	4	25	25269		1	100
2016	4	25	25286		1	99,744393
2016	4	25	25290		1	99,99244281
2016	4	25	25307		1	99,44993141
2016	4	25	25377		1	99,97399237
2016	4	25	25430		1	100
2016	4	25	25473		1	100
2016	4	25	25612		1	99,60482804
2016	4	25	25740		1	100
2016	4	25	25754		1	99,99501241
2016	4	25	25758		1	99,94122942
2016	4	25	25799		1	100
2016	4	25	25817		1	99,84699074
2016	4	25	25899		1	99,82802855
2016	4	27	27001		2	99,9843254
2016	4	41	41001		1	99,96238426
2016	4	44	44001		1	99,80976431
2016	4	44	44430		1	99,68777778
2016	4	44	44560		1	99,98472222
2016	4	44	44847		1	99,14973197
2016	4	47	47001		1	99,90001929
2016	4	47	47189		1	99,95216049
2016	4	50	50001		1	99,9349537
2016	4	50	50006		1	100
2016	4	50	50568		1	99,08344907
2016	4	52	52001		1	99,94136779
2016	4	52	52356		1	99,70281339
2016	4	52	52835		1	99,99854252
2016	4	54	54001		1	99,98851219
2016	4	54	54405		1	99,7526455
2016	4	54	54498		1	99,87808642
2016	4	54	54553		1	100
2016	4	54	54874		1	100
2016	4	63	63001		1	99,99796196
2016	4	66	66001		1	99,86569601
2016	4	66	66170		1	100
2016	4	68	68001		1	99,96185897
2016	4	68	68081		1	99,97121416
2016	4	68	68276		1	99,90215215
2016	4	68	68307		1	99,98416667
2016	4	68	68547		1	100
2016	4	68	68679		1	100
2016	4	70	70001		1	99,89530539
2016	4	73	73001		1	99,99894624
2016	4	73	73268		1	99,78587963
2016	4	73	73449		1	99,84217172

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	4	76	76001		1	99,92965437
2016	4	76	76109		1	99,96562254
2016	4	76	76111		1	100
2016	4	76	76130		1	97,50352734
2016	4	76	76147		1	100
2016	4	76	76364		1	99,93064129
2016	4	76	76520		1	99,98238017
2016	4	76	76834		1	99,99815867
2016	4	76	76892		1	99,92533491
2016	4	81	81001		1	100
2016	4	85	85001		1	99,86281676
2016	4	86	86001		2	100
2016	4	88	88001		2	100
2016	4	95	95001		2	100
2016	4	5	5001	500101	1	100
2016	4	5	5001	500102	1	100
2016	4	5	5001	500103	1	99,98395062
2016	4	5	5001	500104	1	100
2016	4	5	5001	500105	1	99,99822985
2016	4	5	5001	500106	1	99,99345813
2016	4	5	5001	500107	1	100
2016	4	5	5001	500108	1	100
2016	4	5	5001	500109	1	99,9568399
2016	4	5	5001	500110	1	99,95524059
2016	4	5	5001	500111	1	99,99247685
2016	4	5	5001	500112	1	100
2016	4	5	5001	500113	1	100
2016	4	5	5001	500114	1	99,97613459
2016	4	5	5001	500115	1	100
2016	4	5	5001	500116	1	99,97748656
2016	4	8	8001	800101	1	99,54034392
2016	4	8	8001	800102	1	99,94218346
2016	4	8	8001	800103	1	99,74299126
2016	4	8	8001	800104	1	99,67246024
2016	4	8	8001	800105	1	99,70735867
2016	4	13	13001	1300101	1	99,54926215
2016	4	13	13001	1300102	1	99,89739449
2016	4	13	13001	1300103	1	99,26576155
2016	4	25	11001	1100101	1	99,96587882
2016	4	25	11001	1100102	1	99,97442216
2016	4	25	11001	1100103	1	99,97883119
2016	4	25	11001	1100104	1	99,99518762
2016	4	25	11001	1100105	1	99,98060345
2016	4	25	11001	1100106	1	99,92986737
2016	4	25	11001	1100107	1	99,92478317
2016	4	25	11001	1100108	1	99,97675873
2016	4	25	11001	1100109	1	99,95959813
2016	4	25	11001	1100110	1	99,99413163
2016	4	25	11001	1100111	1	99,93003027
2016	4	25	11001	1100112	1	99,98590484
2016	4	25	11001	1100113	1	99,93739478
2016	4	25	11001	1100114	1	100
2016	4	25	11001	1100115	1	99,95574074
2016	4	25	11001	1100116	1	99,94570536
2016	4	25	11001	1100117	1	99,97372257
2016	4	25	11001	1100118	1	99,98362355
2016	4	25	11001	1100119	1	99,98957033
2016	4	54	54001	5400101	1	99,99112654
2016	4	54	54001	5400102	1	99,98358586
2016	4	54	54001	5400103	1	100
2016	4	54	54001	5400104	1	99,89583333
2016	4	54	54001	5400105	1	99,99583333
2016	4	54	54001	5400106	1	99,99733796
2016	4	54	54001	5400107	1	100
2016	4	54	54001	5400108	1	100
2016	4	54	54001	5400109	1	100
2016	4	54	54001	5400110	1	100
2016	4	68	68001	6800101	1	100
2016	4	68	68001	6800103	1	100
2016	4	68	68001	6800104	1	100
2016	4	68	68001	6800105	1	100
2016	4	68	68001	6800106	1	99,91708754
2016	4	68	68001	6800107	1	100
2016	4	68	68001	6800108	1	100
2016	4	68	68001	6800110	1	100
2016	4	68	68001	6800111	1	99,59722222
2016	4	68	68001	6800112	1	99,97747507
2016	4	68	68001	6800113	1	99,95546737
2016	4	68	68001	6800115	1	100
2016	4	68	68001	6800116	1	100
2016	4	68	68001	6800117	1	100
2016	4	73	73001	7300101	1	100
2016	4	73	73001	7300102	1	100
2016	4	73	73001	7300103	1	100
2016	4	73	73001	7300104	1	99,97982804
2016	4	73	73001	7300105	1	100
2016	4	73	73001	7300106	1	100

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	4	73	73001	7300107	1	100
2016	4	73	73001	7300108	1	100
2016	4	73	73001	7300109	1	100
2016	4	73	73001	7300110	1	100
2016	4	73	73001	7300111	1	100
2016	4	73	73001	7300112	1	100
2016	4	73	73001	7300113	1	100
2016	4	76	76001	7600101	1	100
2016	4	76	76001	7600102	1	99,97024691
2016	4	76	76001	7600103	1	99,97122264
2016	4	76	76001	7600104	1	99,98001949
2016	4	76	76001	7600105	1	100
2016	4	76	76001	7600106	1	100
2016	4	76	76001	7600107	1	100
2016	4	76	76001	7600108	1	100
2016	4	76	76001	7600109	1	100
2016	4	76	76001	7600110	1	99,99375
2016	4	76	76001	7600111	1	100
2016	4	76	76001	7600112	1	97,72222222
2016	4	76	76001	7600113	1	99,88773148
2016	4	76	76001	7600114	1	100
2016	4	76	76001	7600115	1	100
2016	4	76	76001	7600116	1	100
2016	4	76	76001	7600117	1	99,98913818
2016	4	76	76001	7600118	1	99,80840456
2016	4	76	76001	7600119	1	99,9349537
2016	4	76	76001	7600120	1	100
2016	4	76	76001	7600121	1	100
2016	4	76	76001	7600122	1	99,96383884



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – MAYO 2016**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	5	5	5001		1	99,98145676
2016	5	5	5045		1	100
2016	5	5	5088		1	99,96270635
2016	5	5	5129		1	99,82659254
2016	5	5	5212		1	100
2016	5	5	5266		1	99,98879928
2016	5	5	5308		1	99,86989937
2016	5	5	5318		1	99,98767921
2016	5	5	5360		1	99,99011492
2016	5	5	5380		1	99,9406849
2016	5	5	5607		1	100
2016	5	5	5615		1	99,9864254
2016	5	5	5631		1	100
2016	5	8	8001		1	99,48468661
2016	5	8	8433		1	99,89672939
2016	5	8	8573		1	96,76081491
2016	5	8	8758		1	99,28709244
2016	4	13	13001		1	99,50000131
2016	5	15	15001		1	99,9996554
2016	5	15	15238		1	100
2016	5	15	15572		1	99,80429293
2016	5	15	15759		1	100
2016	5	17	17001		1	99,9828
2016	5	18	18001		1	99,94038075
2016	5	19	19001		1	99,98326681
2016	5	20	20001		1	99,64132346
2016	5	20	20011		1	99,85652415
2016	5	20	20400		1	98,40265988
2016	5	20	20443		1	99,47804659
2016	5	20	20750		1	99,79465352
2016	5	23	23001		1	99,59734725
2016	4	25	11001		1	99,97416159
2016	5	25	25126		1	97,6293388
2016	5	25	25175		1	99,91572581
2016	5	25	25214		1	99,99791615
2016	5	25	25269		1	100
2016	5	25	25286		1	100
2016	5	25	25290		1	99,99699181
2016	5	25	25307		1	99,62301587
2016	5	25	25377		1	100
2016	5	25	25430		1	100
2016	5	25	25473		1	99,95710125
2016	5	25	25612		1	100
2016	5	25	25740		1	99,52867384
2016	5	25	25754		1	99,96436136
2016	5	25	25758		1	99,99033201
2016	5	25	25799		1	99,87007168
2016	5	25	25817		1	99,98562575

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	5	25	25899		1	99,92075493
2016	5	27	27001		2	100
2016	5	41	41001		1	99,90044064
2016	5	44	44001		1	99,20434181
2016	5	44	44430		1	99,59229391
2016	5	44	44560		1	100
2016	5	44	44847		1	97,22163271
2016	5	47	47001		1	99,75946002
2016	5	47	47189		1	99,7186131
2016	5	50	50001		1	99,95444651
2016	5	50	50006		1	100
2016	5	50	50568		1	99,98846326
2016	5	52	52001		1	99,78080622
2016	5	52	52356		1	99,99732906
2016	5	52	52835		1	99,91221957
2016	5	54	54001		1	99,98888277
2016	5	54	54405		1	100
2016	5	54	54498		1	99,98898596
2016	5	54	54553		1	100
2016	5	54	54874		1	99,9817055
2016	5	63	63001		1	99,98491478
2016	5	66	66001		1	99,90633401
2016	5	66	66170		1	100
2016	5	68	68001		1	99,96015991
2016	5	68	68081		1	99,83195312
2016	5	68	68276		1	99,81890209
2016	5	68	68307		1	99,99498208
2016	5	68	68547		1	99,9968638
2016	5	68	68679		1	99,36827957
2016	5	70	70001		1	99,99339747
2016	5	73	73001		1	99,97818368
2016	5	73	73268		1	99,93797603
2016	5	73	73449		1	99,98879928
2016	5	76	76001		1	99,93644551
2016	5	76	76109		1	99,99295288
2016	5	76	76111		1	100
2016	5	76	76130		1	100
2016	5	76	76147		1	99,9312556
2016	5	76	76364		1	100
2016	5	76	76520		1	99,81108124
2016	5	76	76834		1	100
2016	5	76	76892		1	99,79006656
2016	5	81	81001		1	99,98500078
2016	5	85	85001		1	99,93614137
2016	5	86	86001		2	100
2016	5	88	88001		2	100
2016	5	95	95001		2	100
2016	5	5	5001	500101	1	100
2016	5	5	5001	500102	1	100
2016	5	5	5001	500103	1	100
2016	5	5	5001	500104	1	100
2016	5	5	5001	500105	1	100
2016	5	5	5001	500106	1	100
2016	5	5	5001	500107	1	100
2016	5	5	5001	500108	1	100
2016	5	5	5001	500109	1	100
2016	5	5	5001	500110	1	99,90981146
2016	5	5	5001	500111	1	100
2016	5	5	5001	500112	1	100
2016	5	5	5001	500113	1	100
2016	5	5	5001	500114	1	99,98318337
2016	5	5	5001	500115	1	100
2016	5	5	5001	500116	1	100
2016	5	8	8001	800101	1	99,64083035
2016	5	8	8001	800102	1	99,47023214
2016	5	8	8001	800103	1	99,90100988
2016	5	8	8001	800104	1	99,28086364
2016	5	8	8001	800105	1	99,63890053
2016	5	13	13001	1300101	1	99,61663313
2016	5	13	13001	1300102	1	99,34478411
2016	5	13	13001	1300103	1	99,4384545
2016	5	25	11001	1100101	1	99,97876531
2016	5	25	11001	1100102	1	99,9625183
2016	5	25	11001	1100103	1	99,97842645
2016	5	25	11001	1100104	1	99,98912784
2016	5	25	11001	1100105	1	99,98528458
2016	5	25	11001	1100106	1	100
2016	5	25	11001	1100107	1	99,9473141
2016	5	25	11001	1100108	1	99,99575145
2016	5	25	11001	1100109	1	99,95942597
2016	5	25	11001	1100110	1	99,99867949
2016	5	25	11001	1100111	1	99,94925775
2016	5	25	11001	1100112	1	99,92170699
2016	5	25	11001	1100113	1	99,9917058
2016	5	25	11001	1100114	1	100
2016	5	25	11001	1100115	1	99,99749104
2016	5	25	11001	1100116	1	99,99961754

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	5	25	11001	1100117	1	99,94444444
2016	5	25	11001	1100118	1	100
2016	5	25	11001	1100119	1	99,97772442
2016	5	54	54001	5400101	1	99,93764934
2016	5	54	54001	5400102	1	100
2016	5	54	54001	5400103	1	100
2016	5	54	54001	5400104	1	99,97782258
2016	5	54	54001	5400105	1	100
2016	5	54	54001	5400106	1	100
2016	5	54	54001	5400107	1	99,99601752
2016	5	54	54001	5400108	1	100
2016	5	54	54001	5400109	1	100
2016	5	54	54001	5400110	1	100
2016	5	68	68001	6800101	1	99,9406362
2016	5	68	68001	6800103	1	100
2016	5	68	68001	6800104	1	100
2016	5	68	68001	6800105	1	100
2016	5	68	68001	6800106	1	100
2016	5	68	68001	6800107	1	100
2016	5	68	68001	6800108	1	100
2016	5	68	68001	6800110	1	100
2016	5	68	68001	6800111	1	99,65893817
2016	5	68	68001	6800112	1	99,9912979
2016	5	68	68001	6800113	1	99,84607015
2016	5	68	68001	6800115	1	100
2016	5	68	68001	6800116	1	100
2016	5	68	68001	6800117	1	100
2016	5	73	73001	7300101	1	100
2016	5	73	73001	7300102	1	100
2016	5	73	73001	7300103	1	100
2016	5	73	73001	7300104	1	100
2016	5	73	73001	7300105	1	99,99246497
2016	5	73	73001	7300106	1	100
2016	5	73	73001	7300107	1	99,9327957
2016	5	73	73001	7300108	1	100
2016	5	73	73001	7300109	1	99,92678804
2016	5	73	73001	7300110	1	99,96015745
2016	5	73	73001	7300111	1	100
2016	5	73	73001	7300112	1	100
2016	5	73	73001	7300113	1	100
2016	5	76	76001	7600101	1	100
2016	5	76	76001	7600102	1	99,92227292
2016	5	76	76001	7600103	1	99,99990044
2016	5	76	76001	7600104	1	99,9997642
2016	5	76	76001	7600105	1	99,39553465
2016	5	76	76001	7600106	1	100
2016	5	76	76001	7600107	1	100
2016	5	76	76001	7600108	1	99,9997511
2016	5	76	76001	7600109	1	99,99639088
2016	5	76	76001	7600110	1	99,68737555
2016	5	76	76001	7600111	1	99,91442652
2016	5	76	76001	7600112	1	100
2016	5	76	76001	7600113	1	100
2016	5	76	76001	7600114	1	100
2016	5	76	76001	7600115	1	100
2016	5	76	76001	7600116	1	100
2016	5	76	76001	7600117	1	99,97206409
2016	5	76	76001	7600118	1	99,97587538
2016	5	76	76001	7600119	1	99,9171147
2016	5	76	76001	7600120	1	100
2016	5	76	76001	7600121	1	99,98163082
2016	5	76	76001	7600122	1	100



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – JUNIO 2016**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	6	76	76001	7600114	1	100
2016	6	76	76001	7600115	1	100
2016	6	76	76001	7600116	1	100
2016	6	76	76001	7600117	1	99,93426799
2016	6	76	76001	7600118	1	100
2016	6	76	76001	7600119	1	99,91545414
2016	6	76	76001	7600102	1	99,92444785
2016	6	76	76001	7600120	1	100
2016	6	76	76001	7600121	1	100
2016	6	76	76001	7600122	1	99,97508528
2016	6	76	76001	7600103	1	100
2016	6	76	76001	7600104	1	100
2016	6	76	76001	7600105	1	100
2016	6	76	76001	7600106	1	100

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	6	76	76001	7600107	1	100
2016	6	76	76001	7600108	1	100
2016	6	76	76001	7600109	1	100
2016	6	13	13001	1300101	1	99,7442248
2016	6	13	13001	1300103	1	99,78986765
2016	6	13	13001	1300102	1	99,86482843
2016	6	54	54001	5400110	1	100
2016	6	54	54001	5400101	1	100
2016	6	54	54001	5400102	1	100
2016	6	54	54001	5400107	1	100
2016	6	54	54001	5400105	1	100
2016	6	54	54001	5400106	1	100
2016	6	54	54001	5400108	1	100
2016	6	54	54001	5400104	1	99,98402778
2016	6	54	54001	5400109	1	100
2016	6	73	73001	7300101	1	100
2016	6	73	73001	7300110	1	100
2016	6	73	73001	7300111	1	100
2016	6	73	73001	7300112	1	100
2016	6	73	73001	7300113	1	100
2016	6	73	73001	7300102	1	100
2016	6	73	73001	7300103	1	100
2016	6	73	73001	7300104	1	100
2016	6	73	73001	7300105	1	100
2016	6	73	73001	7300106	1	100
2016	6	73	73001	7300107	1	99,99930556
2016	6	73	73001	7300108	1	100
2016	6	73	73001	7300109	1	100
2016	6	5	5001	500104	1	100
2016	6	5	5001	500116	1	100
2016	6	5	5001	500109	1	100
2016	6	5	5001	500105	1	100
2016	6	5	5001	500106	1	100
2016	6	5	5001	500114	1	100
2016	6	5	5001	500115	1	100
2016	6	5	5001	500112	1	100
2016	6	5	5001	500111	1	100
2016	6	5	5001	500103	1	100
2016	6	5	5001	500101	1	100
2016	6	5	5001	500107	1	100
2016	6	5	5001	500113	1	100
2016	6	5	5001	500102	1	100
2016	6	5	5001	500108	1	100
2016	6	54	54001	5400103	1	100
2016	6	5	5001	500110	1	99,89387609
2016	6	68	68001	6800115	1	100
2016	6	68	68001	6800107	1	100
2016	6	68	68001	6800110	1	100
2016	6	25	11001	1100107	1	99,98095406
2016	6	68	68001	6800108	1	100
2016	6	5	5045		1	100
2016	6	5	5088		1	100
2016	6	5	5212		1	100
2016	6	5	5308		1	100
2016	6	5	5318		1	100
2016	6	5	5360		1	100
2016	6	5	5380		1	100
2016	6	5	5001		1	99,98211885
2016	6	5	5615		1	100
2016	6	81	81001		1	99,91243961
2016	6	8	8001		1	99,73171138
2016	6	8	8433		1	100
2016	6	8	8573		1	99,95322145
2016	6	13	13001		1	99,78672613
2016	6	15	15759		1	100
2016	6	15	15001		1	100
2016	6	17	17001		1	99,99245307
2016	6	19	19001		1	99,97366021
2016	6	20	20011		1	99,69167034
2016	6	20	20400		1	99,61381173
2016	6	20	20443		1	100
2016	6	20	20750		1	99,38657407
2016	6	20	20001		1	99,69693578
2016	6	23	23001		1	99,78732624
2016	6	25	11001		1	99,99585727
2016	6	25	25175		1	100
2016	6	25	25214		1	99,96571869
2016	6	25	25269		1	100
2016	6	25	25286		1	100
2016	6	25	25307		1	99,99165013
2016	6	25	25430		1	100
2016	6	25	25473		1	99,93680556
2016	6	25	25740		1	100
2016	6	25	25758		1	99,98245614
2016	6	25	25899		1	100
2016	6	44	44560		1	100
2016	6	44	44847		1	99,9111436

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	6	95	95001		2	99,87424769
2016	6	41	41001		1	99,99544196
2016	6	47	47189		1	99,79102366
2016	6	50	50006		1	100
2016	6	50	50568		1	99,94282407
2016	6	52	52835		1	99,9420439
2016	6	54	54001		1	99,99900794
2016	6	54	54553		1	100
2016	6	86	86001		2	100
2016	6	63	63001		1	100
2016	6	66	66001		1	99,9880008
2016	6	88	88001		2	100
2016	6	68	68081		1	100
2016	6	68	68547		1	100
2016	6	68	68679		1	100
2016	6	73	73268		1	100
2016	6	73	73001		1	99,99994818
2016	6	76	76001		1	99,96856653
2016	6	76	76147		1	99,94053819
2016	6	76	76364		1	99,94134425
2016	6	76	76520		1	99,96538801
2016	6	76	76834		1	99,99194959
2016	6	25	25612		1	100
2016	6	54	54874		1	100
2016	6	76	76111		1	100
2016	6	25	25754		1	99,97472409
2016	6	47	47001		1	99,81813841
2016	6	8	8758		1	99,72192354
2016	6	5	5266		1	100
2016	6	27	27001		2	99,99855324
2016	6	15	15572		1	99,94549663
2016	6	54	54498		1	99,95196759
2016	6	5	5631		1	100
2016	6	5	5607		1	100
2016	6	85	85001		1	99,99563091
2016	6	25	25799		1	100
2016	6	52	52356		1	99,99252137
2016	6	68	68276		1	99,98866959
2016	6	18	18001		1	100
2016	6	25	25377		1	100
2016	6	50	50001		1	99,97607422
2016	6	70	70001		1	99,94766849
2016	6	15	15238		1	100
2016	6	25	25126		1	100
2016	6	68	68307		1	99,99231481
2016	6	25	25290		1	100
2016	6	25	25817		1	99,97010031
2016	6	44	44001		1	99,73493967
2016	6	52	52001		1	99,92584291
2016	6	54	54405		1	99,98627646
2016	6	66	66170		1	100
2016	6	68	68001		1	99,90418447
2016	6	73	73449		1	99,81317515
2016	6	76	76130		1	99,99818122
2016	6	76	76892		1	98,368339
2016	6	5	5129		1	100
2016	6	44	44430		1	98,77510684
2016	6	76	76109		1	99,94521605
2016	6	8	8001	800102	1	99,05869458
2016	6	8	8001	800104	1	99,8575953
2016	6	8	8001	800105	1	99,70781398
2016	6	8	8001	800101	1	99,76089325
2016	6	8	8001	800103	1	99,91100475
2016	6	25	11001	1100115	1	100
2016	6	25	11001	1100112	1	100
2016	6	25	11001	1100117	1	100
2016	6	25	11001	1100102	1	99,99539654
2016	6	25	11001	1100119	1	100
2016	6	25	11001	1100110	1	100
2016	6	25	11001	1100109	1	99,99810395
2016	6	25	11001	1100108	1	99,99326841
2016	6	25	11001	1100114	1	100
2016	6	25	11001	1100116	1	99,99651837
2016	6	25	11001	1100118	1	99,96662521
2016	6	25	11001	1100104	1	100
2016	6	25	11001	1100103	1	100
2016	6	25	11001	1100111	1	99,99661171
2016	6	25	11001	1100113	1	99,9908726
2016	6	25	11001	1100106	1	99,99856106
2016	6	25	11001	1100101	1	99,99749228
2016	6	25	11001	1100105	1	100
2016	6	68	68001	6800112	1	99,52092236
2016	6	68	68001	6800105	1	100
2016	6	68	68001	6800106	1	100
2016	6	68	68001	6800116	1	100
2016	6	68	68001	6800117	1	100
2016	6	68	68001	6800101	1	100

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	6	68	68001	6800104	1	100
2016	6	68	68001	6800113	1	100
2016	6	68	68001	6800103	1	100
2016	6	68	68001	6800111	1	100
2016	6	76	76001	7600101	1	99,87860082
2016	6	76	76001	7600110	1	99,99707602
2016	6	76	76001	7600111	1	100
2016	6	76	76001	7600112	1	100
2016	6	76	76001	7600113	1	100



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – JULIO 2016**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	7	5	5001		1	99,97543127
2016	7	5	5001	500101	1	99,98929709
2016	7	5	5001	500102	1	100
2016	7	5	5001	500103	1	99,99387694
2016	7	5	5001	500104	1	99,94165445
2016	7	5	5001	500105	1	99,98363451
2016	7	5	5001	500106	1	99,94097709
2016	7	5	5001	500107	1	99,99887993
2016	7	5	5001	500108	1	99,99222538
2016	7	5	5001	500109	1	99,99183432
2016	7	5	5001	500110	1	99,99247822
2016	7	5	5001	500111	1	99,98819384
2016	7	5	5001	500112	1	99,99825767
2016	7	5	5001	500113	1	99,98897849
2016	7	5	5001	500114	1	99,94626704
2016	7	5	5001	500115	1	99,98222338
2016	7	5	5001	500116	1	99,99385767
2016	7	5	5045		1	99,99311956
2016	7	5	5088		1	99,99122355
2016	7	5	5129		1	99,99435094
2016	7	5	5212		1	100
2016	7	5	5266		1	99,97719127
2016	7	5	5308		1	99,99190102
2016	7	5	5318		1	99,93293571
2016	7	5	5360		1	99,79173778
2016	7	5	5380		1	100
2016	7	5	5607		1	99,96127752
2016	7	5	5615		1	99,99837671
2016	7	5	5631		1	100
2016	7	8	8001		1	99,52776186
2016	7	8	8001	800101	1	98,91081645
2016	7	8	8001	800102	1	99,68268109
2016	7	8	8001	800103	1	98,42445268
2016	7	8	8001	800104	1	99,72976404
2016	7	8	8001	800105	1	99,886643
2016	7	8	8433		1	99,3046595
2016	7	8	8573		1	99,46413413
2016	7	8	8758		1	99,90941872
2016	7	13	13001	1300101	1	99,80815358
2016	7	13	13001	1300102	1	99,53532654
2016	7	13	13001	1300103	1	99,5469797
2016	7	25	11001		1	99,98499712
2016	7	13	13001		1	99,66929065
2016	7	15	15001		1	99,99769093
2016	7	15	15238		1	99,97877759
2016	7	15	15572		1	99,95234604
2016	7	15	15759		1	99,92116419
2016	7	17	17001		1	99,99498635
2016	7	18	18001		1	99,67255284
2016	7	19	19001		1	99,99545183
2016	7	20	20001		1	99,93190809
2016	7	20	20011		1	99,98581243
2016	7	20	20400		1	99,41397849
2016	7	20	20443		1	100
2016	7	20	20750		1	99,83086918
2016	7	23	23001		1	99,57748118
2016	7	25	11001	1100101	1	99,95773647
2016	7	25	11001	1100102	1	99,9806135
2016	7	25	11001	1100103	1	99,9985228
2016	7	25	11001	1100104	1	99,99652188
2016	7	25	11001	1100105	1	99,99870307
2016	7	25	11001	1100106	1	100
2016	7	25	11001	1100107	1	99,98899778
2016	7	25	11001	1100108	1	99,99569892
2016	7	25	11001	1100109	1	99,97116935
2016	7	25	11001	1100110	1	99,98870546
2016	7	25	11001	1100111	1	99,9924844
2016	7	25	11001	1100112	1	99,98252688



ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	7	25	11001	1100113	1	99,98484693
2016	7	25	11001	1100114	1	99,99811988
2016	7	25	11001	1100115	1	99,99422732
2016	7	25	11001	1100116	1	99,99950826
2016	7	25	11001	1100117	1	99,9976784
2016	7	25	11001	1100118	1	99,97440307
2016	7	25	11001	1100119	1	99,99702992
2016	7	25	25126		1	99,96121015
2016	7	25	25175		1	99,9998243
2016	7	25	25214		1	99,94253772
2016	7	25	25269		1	99,9392446
2016	7	25	25286		1	99,97419168
2016	7	25	25290		1	99,90373784
2016	7	25	25307		1	99,88312631
2016	7	25	25377		1	100
2016	7	25	25430		1	99,76038466
2016	7	25	25473		1	99,92831541
2016	7	25	25612		1	99,99775986
2016	7	25	25740		1	99,72849462
2016	7	25	25754		1	99,91988601
2016	7	25	25758		1	99,57001038
2016	7	25	25799		1	100
2016	7	25	25817		1	99,85569743
2016	7	25	25899		1	99,89973118
2016	7	27	27001		2	99,84991039
2016	7	41	41001		1	99,99341814
2016	7	44	44001		1	99,8881286
2016	7	44	44430		1	99,87506893
2016	7	44	44560		1	100
2016	7	44	44847		1	99,189186
2016	7	47	47001		1	99,23269581
2016	7	47	47189		1	99,08739048
2016	7	50	50001		1	99,93417966
2016	7	50	50006		1	99,57584044
2016	7	50	50568		1	99,16823477
2016	7	52	52001		1	99,96673812
2016	7	52	52356		1	99,98121726
2016	7	52	52835		1	99,99191948
2016	7	54	54001		1	99,95519713
2016	7	54	54001	5400101	1	99,83404271
2016	7	54	54001	5400102	1	100
2016	7	54	54001	5400103	1	99,86581541
2016	7	54	54001	5400104	1	100
2016	7	54	54001	5400105	1	100
2016	7	54	54001	5400106	1	100
2016	7	54	54001	5400107	1	100
2016	7	54	54001	5400108	1	100
2016	7	54	54001	5400109	1	100
2016	7	54	54001	5400110	1	100
2016	7	54	54405		1	99,99759985
2016	7	54	54498		1	99,99271953
2016	7	54	54553		1	100
2016	7	54	54874		1	100
2016	7	63	63001		1	99,99915995
2016	7	66	66001		1	99,93411406
2016	7	66	66170		1	100
2016	7	68	68001		1	99,80125516
2016	7	68	68001	6800101	1	99,76627838
2016	7	68	68001	6800103	1	99,73893714
2016	7	68	68001	6800104	1	99,95575717
2016	7	68	68001	6800105	1	100
2016	7	68	68001	6800106	1	99,41247149
2016	7	68	68001	6800107	1	99,81518817
2016	7	68	68001	6800108	1	100
2016	7	68	68001	6800110	1	99,86832935
2016	7	68	68001	6800111	1	98,43357975
2016	7	68	68001	6800112	1	99,81966846
2016	7	68	68001	6800113	1	99,90314047
2016	7	68	68001	6800115	1	99,99751095
2016	7	68	68001	6800116	1	100
2016	7	68	68001	6800117	1	99,9859991
2016	7	68	68081		1	99,78447653
2016	7	68	68276		1	99,82803952
2016	7	68	68307		1	99,6453405
2016	7	68	68547		1	99,86043907
2016	7	68	68679		1	100
2016	7	70	70001		1	99,96800918
2016	7	73	73001		1	99,98746508
2016	7	73	73001	7300101	1	100
2016	7	73	73001	7300102	1	100
2016	7	73	73001	7300103	1	100
2016	7	73	73001	7300104	1	100
2016	7	73	73001	7300105	1	100
2016	7	73	73001	7300106	1	100
2016	7	73	73001	7300107	1	100
2016	7	73	73001	7300108	1	100
2016	7	73	73001	7300109	1	99,95937195

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	7	73	73001	7300110	1	99,98735919
2016	7	73	73001	7300111	1	100
2016	7	73	73001	7300112	1	100
2016	7	73	73001	7300113	1	100
2016	7	73	73268		1	99,98655914
2016	7	73	73449		1	99,98562575
2016	7	76	76001		1	99,97835226
2016	7	76	76001	7600101	1	100
2016	7	76	76001	7600102	1	99,99778786
2016	7	76	76001	7600103	1	99,96281362
2016	7	76	76001	7600104	1	99,97771647
2016	7	76	76001	7600105	1	100
2016	7	76	76001	7600106	1	99,87623208
2016	7	76	76001	7600107	1	99,95519713
2016	7	76	76001	7600108	1	99,99551971
2016	7	76	76001	7600109	1	99,99813321
2016	7	76	76001	7600110	1	99,87844275
2016	7	76	76001	7600111	1	99,99731183
2016	7	76	76001	7600112	1	99,89521107
2016	7	76	76001	7600113	1	100
2016	7	76	76001	7600114	1	100
2016	7	76	76001	7600115	1	99,93354241
2016	7	76	76001	7600116	1	99,96467466
2016	7	76	76001	7600117	1	99,99877426
2016	7	76	76001	7600118	1	99,98518059
2016	7	76	76001	7600119	1	99,979092
2016	7	76	76001	7600120	1	100
2016	7	76	76001	7600121	1	100
2016	7	76	76001	7600122	1	99,99162894
2016	7	76	76109		1	99,87087814
2016	7	76	76111		1	99,9959093
2016	7	76	76130		1	99,93428913
2016	7	76	76147		1	99,92061492
2016	7	76	76364		1	99,90999424
2016	7	76	76520		1	99,90060697
2016	7	76	76834		1	99,99039227
2016	7	76	76892		1	99,94910394
2016	7	81	81001		1	99,98100748
2016	7	85	85001		1	99,96185938
2016	7	86	86001		2	100
2016	7	88	88001		2	100
2016	7	95	95001		2	100



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – AGOSTO 2016**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	8	5	5001	500101	1	100
2016	8	5	5001	500102	1	100
2016	8	5	5001	500103	1	100
2016	8	5	5001	500104	1	100
2016	8	5	5001	500105	1	99,87122376
2016	8	5	5001	500106	1	99,97857254
2016	8	5	5001	500107	1	100
2016	8	5	5001	500108	1	99,91977487
2016	8	5	5001	500109	1	99,9951584
2016	8	5	5001	500110	1	99,98762321
2016	8	5	5001	500111	1	99,94672755
2016	8	5	5001	500112	1	99,99033201
2016	8	5	5001	500113	1	99,99415615
2016	8	5	5001	500114	1	99,9474416
2016	8	5	5001	500115	1	100
2016	8	5	5001	500116	1	99,98764308
2016	8	8	8001	800101	1	99,57898482
2016	8	8	8001	800102	1	99,90745719
2016	8	8	8001	800103	1	99,7576692
2016	8	8	8001	800104	1	99,26792115
2016	8	8	8001	800105	1	99,42804545
2016	8	25	11001	1100101	1	99,95047385
2016	8	25	11001	1100102	1	99,9262385
2016	8	25	11001	1100103	1	99,96947603
2016	8	25	11001	1100104	1	99,9287809
2016	8	25	11001	1100105	1	99,99815286
2016	8	25	11001	1100106	1	99,85681246
2016	8	25	11001	1100107	1	99,88132911
2016	8	25	11001	1100108	1	99,95811061
2016	8	25	11001	1100109	1	99,74858013
2016	8	25	11001	1100110	1	99,98687416
2016	8	25	11001	1100111	1	99,96327366
2016	8	25	11001	1100112	1	99,98809067
2016	8	25	11001	1100113	1	99,97943521

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	8	25	11001	1100114	1	100
2016	8	25	11001	1100115	1	99,97177419
2016	8	25	11001	1100116	1	99,99707336
2016	8	25	11001	1100117	1	100
2016	8	25	11001	1100118	1	99,99654096
2016	8	25	11001	1100119	1	99,99943353
2016	8	13	13001	1300101	1	99,50318598
2016	8	13	13001	1300102	1	98,62581699
2016	8	13	13001	1300103	1	99,63473218
2016	8	54	54001	5400101	1	99,96070415
2016	8	54	54001	5400102	1	100
2016	8	54	54001	5400103	1	100
2016	8	54	54001	5400104	1	100
2016	8	54	54001	5400105	1	100
2016	8	54	54001	5400106	1	100
2016	8	54	54001	5400107	1	99,82651334
2016	8	54	54001	5400108	1	99,99128833
2016	8	54	54001	5400109	1	100
2016	8	54	54001	5400110	1	100
2016	8	68	68001	6800101	1	99,83945639
2016	8	68	68001	6800103	1	98,20202647
2016	8	68	68001	6800104	1	100
2016	8	68	68001	6800105	1	100
2016	8	68	68001	6800106	1	99,53771587
2016	8	68	68001	6800107	1	100
2016	8	68	68001	6800108	1	100
2016	8	68	68001	6800110	1	100
2016	8	68	68001	6800111	1	99,64829749
2016	8	68	68001	6800112	1	99,87196719
2016	8	68	68001	6800113	1	100
2016	8	68	68001	6800115	1	100
2016	8	68	68001	6800116	1	100
2016	8	68	68001	6800117	1	100
2016	8	73	73001	7300101	1	99,99514636
2016	8	73	73001	7300102	1	100
2016	8	73	73001	7300103	1	100
2016	8	73	73001	7300104	1	100
2016	8	73	73001	7300105	1	99,97277364
2016	8	73	73001	7300106	1	99,99271953
2016	8	73	73001	7300107	1	100
2016	8	73	73001	7300108	1	99,99484767
2016	8	73	73001	7300109	1	99,98106061
2016	8	73	73001	7300110	1	100
2016	8	73	73001	7300111	1	100
2016	8	73	73001	7300112	1	100
2016	8	73	73001	7300113	1	99,82358871
2016	8	76	76001	7600101	1	100
2016	8	76	76001	7600102	1	99,71516152
2016	8	76	76001	7600103	1	99,98513359
2016	8	76	76001	7600104	1	99,99846727
2016	8	76	76001	7600105	1	99,81095679
2016	8	76	76001	7600106	1	100
2016	8	76	76001	7600107	1	99,99910394
2016	8	76	76001	7600108	1	99,96876245
2016	8	76	76001	7600109	1	99,77927999
2016	8	76	76001	7600110	1	99,95944161
2016	8	76	76001	7600111	1	100
2016	8	76	76001	7600112	1	100
2016	8	76	76001	7600113	1	99,96239759
2016	8	76	76001	7600114	1	100
2016	8	76	76001	7600115	1	99,98531462
2016	8	76	76001	7600116	1	100
2016	8	76	76001	7600117	1	99,80806621
2016	8	76	76001	7600118	1	100
2016	8	76	76001	7600119	1	99,97723725
2016	8	76	76001	7600120	1	100
2016	8	76	76001	7600121	1	100
2016	8	76	76001	7600122	1	99,99270517
2016	8	5	5001		1	99,97182281
2016	8	5	5045		1	99,99199949
2016	8	5	5088		1	100
2016	8	5	5129		1	100
2016	8	5	5212		1	99,98335893
2016	8	5	5266		1	100
2016	8	5	5308		1	99,55726621
2016	8	5	5318		1	100
2016	8	5	5360		1	99,83679419
2016	8	5	5380		1	99,99454574
2016	8	5	5607		1	100
2016	8	5	5615		1	99,94192099
2016	8	5	5631		1	99,9817898
2016	8	8	8001		1	99,4636171
2016	8	8	8433		1	99,86633811
2016	8	8	8573		1	99,33237673
2016	8	8	8758		1	99,53365904
2016	8	13	13001		1	99,31702216
2016	8	15	15001		1	100

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	8	15	15238		1	99,99846727
2016	8	15	15572		1	99,13265722
2016	8	15	15759		1	99,91030811
2016	8	17	17001		1	99,99170542
2016	8	18	18001		1	99,86651835
2016	8	19	19001		1	99,9803068
2016	8	20	20001		1	99,87753178
2016	8	20	20011		1	99,21754992
2016	8	20	20400		1	98,80376344
2016	8	20	20443		1	98,98633513
2016	8	20	20750		1	100
2016	8	23	23001		1	99,39087202
2016	8	25	11001		1	99,94417681
2016	8	25	25126		1	99,97099604
2016	8	25	25175		1	99,87700345
2016	8	25	25214		1	99,85465736
2016	8	25	25269		1	99,30440154
2016	8	25	25286		1	99,36256005
2016	8	25	25290		1	99,68605991
2016	8	25	25307		1	99,97274492
2016	8	25	25377		1	99,99117944
2016	8	25	25430		1	98,32290508
2016	8	25	25473		1	99,54333077
2016	8	25	25612		1	100
2016	8	25	25740		1	99,46191756
2016	8	25	25754		1	99,46311231
2016	8	25	25758		1	99,94972123
2016	8	25	25799		1	100
2016	8	25	25817		1	100
2016	8	25	25899		1	99,89094982
2016	8	27	27001		2	99,90143369
2016	8	41	41001		1	99,96214851
2016	8	44	44001		1	99,31505919
2016	8	44	44430		1	99,8306107
2016	8	44	44560		1	100
2016	8	44	44847		1	99,30602716
2016	8	47	47001		1	99,48439675
2016	8	47	47189		1	99,22951513
2016	8	50	50001		1	99,88683739
2016	8	50	50006		1	99,06362007
2016	8	50	50568		1	99,30185932
2016	8	52	52001		1	99,99501568
2016	8	52	52356		1	99,92051971
2016	8	52	52835		1	99,37107975
2016	8	54	54001		1	99,95906138
2016	8	54	54405		1	100
2016	8	54	54498		1	100
2016	8	54	54553		1	100
2016	8	54	54874		1	100
2016	8	63	63001		1	99,98434258
2016	8	66	66001		1	99,99451811
2016	8	66	66170		1	99,99234618
2016	8	68	68001		1	99,73925415
2016	8	68	68081		1	99,74914128
2016	8	68	68276		1	99,47507841
2016	8	68	68307		1	99,84632616
2016	8	68	68547		1	99,97692652
2016	8	68	68679		1	100
2016	8	70	70001		1	99,70654122
2016	8	73	73001		1	99,96806569
2016	8	73	73268		1	99,63359655
2016	8	73	73449		1	99,98665248
2016	8	76	76001		1	99,91689152
2016	8	76	76109		1	99,76581541
2016	8	76	76111		1	99,99795465
2016	8	76	76130		1	99,8901263
2016	8	76	76147		1	99,97997872
2016	8	76	76364		1	99,44348438
2016	8	76	76520		1	99,71251493
2016	8	76	76834		1	99,86783154
2016	8	76	76892		1	99,24301075
2016	8	81	81001		1	99,61790946
2016	8	85	85001		1	99,76377975
2016	8	86	86001		2	100
2016	8	88	88001		2	99,99327957
2016	8	95	95001		2	99,62785618



OPERADOR COMCEL S.A.  
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – SEPTIEMBRE 2016  
DISPONIBILIDAD EB DESAGREGADO

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	9	5	5001	500101	1	100,000
2016	9	5	5001	500102	1	100,000
2016	9	5	5001	500103	1	100,000
2016	9	5	5001	500104	1	100,000
2016	9	5	5001	500105	1	100,000
2016	9	5	5001	500106	1	99,992
2016	9	5	5001	500107	1	99,985
2016	9	5	5001	500108	1	100,000
2016	9	5	5001	500109	1	99,986
2016	9	5	5001	500110	1	99,956
2016	9	5	5001	500111	1	99,961
2016	9	5	5001	500112	1	99,713
2016	9	5	5001	500113	1	100,000
2016	9	5	5001	500114	1	99,976
2016	9	5	5001	500115	1	100,000
2016	9	5	5001	500116	1	99,980
2016	9	8	8001	800101	1	99,587
2016	9	8	8001	800102	1	99,831
2016	9	8	8001	800103	1	99,797
2016	9	8	8001	800104	1	99,732
2016	9	8	8001	800105	1	99,256
2016	9	25	11001	1100101	1	99,979
2016	9	25	11001	1100102	1	99,956
2016	9	25	11001	1100103	1	99,90132894
2016	9	25	11001	1100104	1	100,000
2016	9	25	11001	1100105	1	99,984
2016	9	25	11001	1100106	1	99,997
2016	9	25	11001	1100107	1	99,902
2016	9	25	11001	1100108	1	99,977
2016	9	25	11001	1100109	1	99,980
2016	9	25	11001	1100110	1	99,976
2016	9	25	11001	1100111	1	99,993
2016	9	25	11001	1100112	1	99,980
2016	9	25	11001	1100113	1	99,965
2016	9	25	11001	1100114	1	99,980
2016	9	25	11001	1100115	1	99,982
2016	9	25	11001	1100116	1	99,989
2016	9	25	11001	1100117	1	100,000
2016	9	25	11001	1100118	1	99,970
2016	9	25	11001	1100119	1	99,973
2016	9	13	13001	1300101	1	99,403
2016	9	13	13001	1300102	1	99,789
2016	9	13	13001	1300103	1	99,707
2016	9	54	54001	5400101	1	100,000
2016	9	54	54001	5400102	1	99,890
2016	9	54	54001	5400103	1	100,000
2016	9	54	54001	5400104	1	100,000
2016	9	54	54001	5400105	1	99,202
2016	9	54	54001	5400106	1	100,000
2016	9	54	54001	5400107	1	100,000
2016	9	54	54001	5400108	1	100,000
2016	9	54	54001	5400109	1	100,000
2016	9	54	54001	5400110	1	100,000
2016	9	68	68001	6800101	1	100,000
2016	9	68	68001	6800103	1	100,000
2016	9	68	68001	6800104	1	100,000
2016	9	68	68001	6800105	1	99,888
2016	9	68	68001	6800106	1	100,000
2016	9	68	68001	6800107	1	100,000
2016	9	68	68001	6800108	1	100,000
2016	9	68	68001	6800110	1	99,975
2016	9	68	68001	6800111	1	100,000
2016	9	68	68001	6800112	1	99,837
2016	9	68	68001	6800113	1	99,877
2016	9	68	68001	6800115	1	100,000
2016	9	68	68001	6800116	1	100,000
2016	9	68	68001	6800117	1	100,000
2016	9	73	73001	7300101	1	99,993
2016	9	73	73001	7300102	1	100,000
2016	9	73	73001	7300103	1	100,000
2016	9	73	73001	7300104	1	100,000
2016	9	73	73001	7300105	1	100,000
2016	9	73	73001	7300106	1	99,939
2016	9	73	73001	7300107	1	99,991
2016	9	73	73001	7300108	1	100,000
2016	9	73	73001	7300109	1	99,889
2016	9	73	73001	7300110	1	99,901
2016	9	73	73001	7300111	1	100,000
2016	9	73	73001	7300112	1	100,000
2016	9	73	73001	7300113	1	100,000

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	9	76	76001	7600101	1	99,795
2016	9	76	76001	7600102	1	99,981
2016	9	76	76001	7600103	1	99,946
2016	9	76	76001	7600104	1	99,936
2016	9	76	76001	7600105	1	100,000
2016	9	76	76001	7600106	1	99,936
2016	9	76	76001	7600107	1	100,000
2016	9	76	76001	7600108	1	99,968
2016	9	76	76001	7600109	1	99,545
2016	9	76	76001	7600110	1	99,989
2016	9	76	76001	7600111	1	99,833
2016	9	76	76001	7600112	1	100,000
2016	9	76	76001	7600113	1	99,986
2016	9	76	76001	7600114	1	100,000
2016	9	76	76001	7600115	1	100,000
2016	9	76	76001	7600116	1	100,000
2016	9	76	76001	7600117	1	99,977
2016	9	76	76001	7600118	1	99,981
2016	9	76	76001	7600119	1	99,940
2016	9	76	76001	7600120	1	99,969
2016	9	76	76001	7600121	1	100,000
2016	9	76	76001	7600122	1	99,986
2016	9	5	5001		1	99,973
2016	9	5	5045		1	99,968
2016	9	5	5088		1	99,988
2016	9	5	5129		1	100,000
2016	9	5	5212		1	99,979
2016	9	5	5266		1	100,000
2016	9	5	5308		1	99,991
2016	9	5	5318		1	100,000
2016	9	5	5360		1	99,988
2016	9	5	5380		1	100,000
2016	9	5	5607		1	99,56828704
2016	9	5	5615		1	99,968
2016	9	5	5631		1	100,000
2016	9	8	8001		1	99,637
2016	9	8	8433		1	99,266
2016	9	8	8573		1	99,867
2016	9	8	8758		1	99,459
2016	9	13	13001		1	99,582
2016	9	15	15001		1	100,000
2016	9	15	15238		1	99,968
2016	9	15	15572		1	99,617
2016	9	15	15759		1	99,962
2016	9	17	17001		1	99,963
2016	9	18	18001		1	99,995
2016	9	19	19001		1	99,987
2016	9	20	20001		1	99,779
2016	9	20	20011		1	99,708
2016	9	20	20400		1	99,917
2016	9	20	20443		1	100,000
2016	9	20	20750		1	99,497
2016	9	23	23001		1	99,777
2016	9	25	11001		1	99,971
2016	9	25	25126		1	99,972
2016	9	25	25175		1	99,904
2016	9	25	25214		1	99,983
2016	9	25	25269		1	99,949
2016	9	25	25286		1	99,935
2016	9	25	25290		1	99,950
2016	9	25	25307		1	99,980
2016	9	25	25377		1	99,838
2016	9	25	25430		1	99,491
2016	9	25	25473		1	99,982
2016	9	25	25612		1	99,699
2016	9	25	25740		1	99,916
2016	9	25	25754		1	99,859
2016	9	25	25758		1	99,917
2016	9	25	25799		1	100,000
2016	9	25	25817		1	98,767
2016	9	25	25899		1	99,979
2016	9	27	27001		2	100,000
2016	9	41	41001		1	99,553
2016	9	44	44001		1	99,791
2016	9	44	44430		1	99,873
2016	9	44	44560		1	100,000
2016	9	44	44847		1	99,617
2016	9	47	47001		1	99,882
2016	9	47	47189		1	99,695
2016	9	50	50001		1	99,923
2016	9	50	50006		1	100,000
2016	9	50	50568		1	100,000
2016	9	52	52001		1	99,976
2016	9	52	52356		1	99,737
2016	9	52	52835		1	99,711
2016	9	54	54001		1	99,910
2016	9	54	54405		1	99,994

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	9	54	54498		1	99,247
2016	9	54	54553		1	100,000
2016	9	54	54874		1	100,000
2016	9	63	63001		1	99,978
2016	9	66	66001		1	99,950
2016	9	66	66170		1	100,000
2016	9	68	68001		1	99,942
2016	9	68	68081		1	99,822
2016	9	68	68276		1	99,267
2016	9	68	68307		1	99,897
2016	9	68	68547		1	100,000
2016	9	68	68679		1	100,000
2016	9	70	70001		1	99,990
2016	9	73	73001		1	99,968
2016	9	73	73268		1	99,996
2016	9	73	73449		1	99,809
2016	9	76	76001		1	99,946
2016	9	76	76109		1	99,914
2016	9	76	76111		1	99,941
2016	9	76	76130		1	99,878
2016	9	76	76147		1	99,970
2016	9	76	76364		1	99,874
2016	9	76	76520		1	99,965
2016	9	76	76834		1	99,987
2016	9	76	76892		1	99,982
2016	9	81	81001		1	100,000
2016	9	85	85001		1	99,731
2016	9	86	86001		2	100,000
2016	9	88	88001		2	99,984
2016	9	95	95001		2	100,000



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – OCTUBRE 2016**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	10	5	5001	500101	1	100
2016	10	5	5001	500102	1	100
2016	10	5	5001	500103	1	100
2016	10	5	5001	500104	1	99,96446318
2016	10	5	5001	500105	1	100
2016	10	5	5001	500106	1	100
2016	10	5	5001	500107	1	99,9985505
2016	10	5	5001	500108	1	100
2016	10	5	5001	500109	1	99,98185484
2016	10	5	5001	500110	1	99,99538904
2016	10	5	5001	500111	1	99,96779037
2016	10	5	5001	500112	1	100
2016	10	5	5001	500113	1	99,99279258
2016	10	5	5001	500114	1	99,96176091
2016	10	5	5001	500115	1	99,99118395
2016	10	5	5001	500116	1	99,78278076
2016	10	8	8001	800101	1	99,54227761
2016	10	8	8001	800102	1	99,16896015
2016	10	8	8001	800103	1	99,71497123
2016	10	8	8001	800104	1	99,68265504
2016	10	8	8001	800105	1	99,53148148
2016	10	25	11001	1100101	1	99,99519969
2016	10	25	11001	1100102	1	99,9398216
2016	10	25	11001	1100103	1	99,76059475
2016	10	25	11001	1100104	1	99,94667295
2016	10	25	11001	1100105	1	99,96136735
2016	10	25	11001	1100106	1	99,994551
2016	10	25	11001	1100107	1	99,94062202
2016	10	25	11001	1100108	1	99,98611617
2016	10	25	11001	1100109	1	99,95956707
2016	10	25	11001	1100110	1	99,99159656
2016	10	25	11001	1100111	1	99,96369101
2016	10	25	11001	1100112	1	99,9422363
2016	10	25	11001	1100113	1	99,88856687
2016	10	25	11001	1100114	1	99,81693255
2016	10	25	11001	1100115	1	99,94274194
2016	10	25	11001	1100116	1	99,98510753
2016	10	25	11001	1100117	1	99,64092047
2016	10	25	11001	1100118	1	99,973283
2016	10	25	11001	1100119	1	99,93316906
2016	10	13	13001	1300101	1	99,38945526
2016	10	13	13001	1300102	1	99,64649508
2016	10	13	13001	1300103	1	99,70427646
2016	10	54	54001	5400101	1	99,94100956
2016	10	54	54001	5400102	1	100
2016	10	54	54001	5400103	1	99,99641577

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	10	54	54001	5400104	1	99,82437276
2016	10	54	54001	5400105	1	99,71639785
2016	10	54	54001	5400106	1	100
2016	10	54	54001	5400107	1	99,98133214
2016	10	54	54001	5400108	1	100
2016	10	54	54001	5400109	1	100
2016	10	54	54001	5400110	1	100
2016	10	68	68001	6800101	1	100
2016	10	68	68001	6800103	1	100
2016	10	68	68001	6800104	1	100
2016	10	68	68001	6800105	1	100
2016	10	68	68001	6800106	1	100
2016	10	68	68001	6800107	1	100
2016	10	68	68001	6800108	1	100
2016	10	68	68001	6800110	1	100
2016	10	68	68001	6800111	1	100
2016	10	68	68001	6800112	1	100
2016	10	68	68001	6800113	1	99,99221283
2016	10	68	68001	6800115	1	100
2016	10	68	68001	6800116	1	100
2016	10	68	68001	6800117	1	100
2016	10	73	73001	7300101	1	100
2016	10	73	73001	7300102	1	100
2016	10	73	73001	7300103	1	100
2016	10	73	73001	7300104	1	100
2016	10	73	73001	7300105	1	99,99327957
2016	10	73	73001	7300106	1	100
2016	10	73	73001	7300107	1	100
2016	10	73	73001	7300108	1	100
2016	10	73	73001	7300109	1	97,13891022
2016	10	73	73001	7300110	1	100
2016	10	73	73001	7300111	1	100
2016	10	73	73001	7300112	1	100
2016	10	73	73001	7300113	1	100
2016	10	76	76001	7600101	1	100
2016	10	76	76001	7600102	1	99,99182493
2016	10	76	76001	7600103	1	98,54584148
2016	10	76	76001	7600104	1	99,91519457
2016	10	76	76001	7600105	1	99,94125846
2016	10	76	76001	7600106	1	98,95035282
2016	10	76	76001	7600107	1	99,69228576
2016	10	76	76001	7600108	1	99,98991935
2016	10	76	76001	7600109	1	99,64329011
2016	10	76	76001	7600110	1	99,94670817
2016	10	76	76001	7600111	1	99,99716249
2016	10	76	76001	7600112	1	99,82153524
2016	10	76	76001	7600113	1	99,80094726
2016	10	76	76001	7600114	1	100
2016	10	76	76001	7600115	1	100
2016	10	76	76001	7600116	1	99,9380227
2016	10	76	76001	7600117	1	99,8960658
2016	10	76	76001	7600118	1	99,88841953
2016	10	76	76001	7600119	1	99,55692132
2016	10	76	76001	7600120	1	99,97267025
2016	10	76	76001	7600121	1	99,98655914
2016	10	76	76001	7600122	1	99,88811728
2016	10	5	5001	5001	1	99,96630591
2016	10	5	5045	5045	1	100
2016	10	5	5088	5088	1	99,95638809
2016	10	5	5129	5129	1	99,88068802
2016	10	5	5212	5212	1	100
2016	10	5	5266	5266	1	99,97880876
2016	10	5	5308	5308	1	99,9991854
2016	10	5	5318	5318	1	99,99815518
2016	10	5	5360	5360	1	99,96050947
2016	10	5	5380	5380	1	99,93924731
2016	10	5	5607	5607	1	99,75102407
2016	10	5	5615	5615	1	99,90655402
2016	10	5	5631	5631	1	99,80216734
2016	10	8	8001	8001	1	99,58600072
2016	10	8	8433	8433	1	98,94806601
2016	10	8	8573	8573	1	99,93200862
2016	10	8	8758	8758	1	99,75514877
2016	10	13	13001	13001	1	99,54082379
2016	10	15	15001	15001	1	99,99976241
2016	10	15	15238	15238	1	99,97311828
2016	10	15	15572	15572	1	99,83738596
2016	10	15	15759	15759	1	99,85352909
2016	10	17	17001	17001	1	99,97151385
2016	10	18	18001	18001	1	99,44027314
2016	10	19	19001	19001	1	99,99899356
2016	10	20	20001	20001	1	99,14029215
2016	10	20	20011	20011	1	98,9447858
2016	10	20	20400	20400	1	98,9109703
2016	10	20	20443	20443	1	93,46438172
2016	10	20	20750	20750	1	98,51366487
2016	10	23	23001	23001	1	99,65263992



ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	10	25	11001		1	99,93919068
2016	10	25	25126		1	100
2016	10	25	25175		1	99,61241657
2016	10	25	25214		1	99,75348004
2016	10	25	25269		1	99,79252319
2016	10	25	25286		1	98,8967045
2016	10	25	25290		1	99,88024834
2016	10	25	25307		1	99,69339904
2016	10	25	25377		1	99,98249888
2016	10	25	25430		1	98,59169654
2016	10	25	25473		1	99,92299507
2016	10	25	25612		1	99,59229391
2016	10	25	25740		1	99,90770609
2016	10	25	25754		1	99,56769759
2016	10	25	25758		1	99,76667138
2016	10	25	25799		1	99,53181004
2016	10	25	25817		1	99,56851392
2016	10	25	25899		1	100
2016	10	27	27001		2	99,91354257
2016	10	41	41001		1	99,77095677
2016	10	44	44001		1	99,63960845
2016	10	44	44430		1	99,2802247
2016	10	44	44560		1	98,30981183
2016	10	44	44847		1	98,53117336
2016	10	47	47001		1	98,66123432
2016	10	47	47189		1	99,64692851
2016	10	50	50001		1	99,93978171
2016	10	50	50006		1	99,77969349
2016	10	50	50568		1	97,87824821
2016	10	52	52001		1	99,98271494
2016	10	52	52356		1	99,96971326
2016	10	52	52835		1	99,94343638
2016	10	54	54001		1	99,95126288
2016	10	54	54405		1	99,99279954
2016	10	54	54498		1	99,99343958
2016	10	54	54553		1	99,72334229
2016	10	54	54874		1	99,89695341
2016	10	63	63001		1	99,94354839
2016	10	66	66001		1	99,95605873
2016	10	66	66170		1	100
2016	10	68	68001		1	99,99877045
2016	10	68	68081		1	99,82769258
2016	10	68	68276		1	99,87948029
2016	10	68	68307		1	99,8632651
2016	10	68	68547		1	99,98767921
2016	10	68	68679		1	100
2016	10	70	70001		1	99,93657076
2016	10	73	73001		1	99,56398369
2016	10	73	73268		1	99,65235775
2016	10	73	73449		1	99,96397103
2016	10	76	76001		1	99,73575134
2016	10	76	76109		1	99,9911712
2016	10	76	76111		1	99,96815101
2016	10	76	76130		1	99,76595372
2016	10	76	76147		1	99,83324933
2016	10	76	76364		1	99,5172491
2016	10	76	76520		1	99,95630403
2016	10	76	76834		1	99,95833333
2016	10	76	76892		1	99,7061535
2016	10	81	81001		1	98,99037712
2016	10	85	85001		1	99,84965192
2016	10	86	86001		2	99,9921595
2016	10	88	88001		2	99,73323626
2016	10	95	95001		2	99,91809476



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – NOVIEMBRE 2016**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	11	5	5001	500101	1	99,61702675
2016	11	5	5001	500102	1	99,86342593
2016	11	5	5001	500103	1	99,96388889
2016	11	5	5001	500104	1	99,99526515
2016	11	5	5001	500105	1	99,97100051
2016	11	5	5001	500106	1	99,95299919
2016	11	5	5001	500107	1	99,99339597
2016	11	5	5001	500108	1	100
2016	11	5	5001	500109	1	99,99675926
2016	11	5	5001	500110	1	99,99400077
2016	11	5	5001	500111	1	99,85916667
2016	11	5	5001	500112	1	100
2016	11	5	5001	500113	1	99,99054784

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	11	5	5001	500114	1	99,97279693
2016	11	5	5001	500115	1	99,98813198
2016	11	5	5001	500116	1	99,95162037
2016	11	8	8001	800101	1	99,50674489
2016	11	8	8001	800102	1	99,121875
2016	11	8	8001	800103	1	99,61105019
2016	11	8	8001	800104	1	99,43976098
2016	11	8	8001	800105	1	99,45314815
2016	11	25	11001	1100101	1	99,96109542
2016	11	25	11001	1100102	1	99,8969035
2016	11	25	11001	1100103	1	99,98825819
2016	11	25	11001	1100104	1	99,96500722
2016	11	25	11001	1100105	1	99,82923164
2016	11	25	11001	1100106	1	99,96978228
2016	11	25	11001	1100107	1	99,97398031
2016	11	25	11001	1100108	1	99,97356169
2016	11	25	11001	1100109	1	99,94551798
2016	11	25	11001	1100110	1	99,98079783
2016	11	25	11001	1100111	1	99,92320777
2016	11	25	11001	1100112	1	99,98443405
2016	11	25	11001	1100113	1	99,94136779
2016	11	25	11001	1100114	1	100
2016	11	25	11001	1100115	1	99,99240741
2016	11	25	11001	1100116	1	99,97205556
2016	11	25	11001	1100117	1	99,90221903
2016	11	25	11001	1100118	1	99,9345384
2016	11	25	11001	1100119	1	99,99142967
2016	11	13	13001	1300101	1	98,97103551
2016	11	13	13001	1300102	1	99,56670875
2016	11	13	13001	1300103	1	99,91745523
2016	11	54	54001	5400101	1	99,97955247
2016	11	54	54001	5400102	1	100
2016	11	54	54001	5400103	1	100
2016	11	54	54001	5400104	1	100
2016	11	54	54001	5400105	1	100
2016	11	54	54001	5400106	1	100
2016	11	54	54001	5400107	1	99,99588477
2016	11	54	54001	5400108	1	99,9844393
2016	11	54	54001	5400109	1	100
2016	11	54	54001	5400110	1	100
2016	11	68	68001	6800101	1	100
2016	11	68	68001	6800103	1	100
2016	11	68	68001	6800104	1	100
2016	11	68	68001	6800105	1	100
2016	11	68	68001	6800106	1	99,96443603
2016	11	68	68001	6800107	1	100
2016	11	68	68001	6800108	1	100
2016	11	68	68001	6800110	1	100
2016	11	68	68001	6800111	1	100
2016	11	68	68001	6800112	1	99,9789886
2016	11	68	68001	6800113	1	99,99305556
2016	11	68	68001	6800115	1	100
2016	11	68	68001	6800116	1	99,84747942
2016	11	68	68001	6800117	1	100
2016	11	73	73001	7300101	1	100
2016	11	73	73001	7300102	1	100
2016	11	73	73001	7300103	1	100
2016	11	73	73001	7300104	1	100
2016	11	73	73001	7300105	1	100
2016	11	73	73001	7300106	1	100
2016	11	73	73001	7300107	1	100
2016	11	73	73001	7300108	1	99,83217593
2016	11	73	73001	7300109	1	99,99658869
2016	11	73	73001	7300110	1	100
2016	11	73	73001	7300111	1	100
2016	11	73	73001	7300112	1	100
2016	11	73	73001	7300113	1	100
2016	11	76	76001	7600101	1	100
2016	11	76	76001	7600102	1	99,90984093
2016	11	76	76001	7600103	1	99,99763258
2016	11	76	76001	7600104	1	99,9992284
2016	11	76	76001	7600105	1	100
2016	11	76	76001	7600106	1	100
2016	11	76	76001	7600107	1	100
2016	11	76	76001	7600108	1	100
2016	11	76	76001	7600109	1	99,38888889
2016	11	76	76001	7600110	1	99,99439571
2016	11	76	76001	7600111	1	100
2016	11	76	76001	7600112	1	100
2016	11	76	76001	7600113	1	100
2016	11	76	76001	7600114	1	100
2016	11	76	76001	7600115	1	100
2016	11	76	76001	7600116	1	100
2016	11	76	76001	7600117	1	99,90629287
2016	11	76	76001	7600118	1	99,69400353
2016	11	76	76001	7600119	1	99,71617384
2016	11	76	76001	7600120	1	99,68888889

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	11	76	76001	7600121	1	100
2016	11	76	76001	7600122	1	99,95026455
2016	11	5	5001		1	99,9623231
2016	11	5	5045		1	99,88161376
2016	11	5	5088		1	99,97392171
2016	11	5	5129		1	100
2016	11	5	5212		1	100
2016	11	5	5266		1	99,87749688
2016	11	5	5308		1	100
2016	11	5	5318		1	99,95574619
2016	11	5	5360		1	99,99647887
2016	11	5	5380		1	99,9375
2016	11	5	5607		1	99,95651455
2016	11	5	5615		1	99,99146825
2016	11	5	5631		1	100
2016	11	8	8001		1	99,39188803
2016	11	8	8433		1	99,85204475
2016	11	8	8573		1	98,75444194
2016	11	8	8758		1	99,63530466
2016	11	13	13001		1	99,38214364
2016	11	15	15001		1	99,98237977
2016	11	15	15238		1	100
2016	11	15	15572		1	99,92760943
2016	11	15	15759		1	100
2016	11	17	17001		1	99,98934872
2016	11	18	18001		1	99,83776341
2016	11	19	19001		1	99,98960011
2016	11	20	20001		1	99,55356525
2016	11	20	20011		1	99,97960758
2016	11	20	20400		1	99,87555115
2016	11	20	20443		1	100
2016	11	20	20750		1	99,64467593
2016	11	23	23001		1	99,95601852
2016	11	25	11001		1	99,94803339
2016	11	25	25126		1	99,84171076
2016	11	25	25175		1	99,87170433
2016	11	25	25214		1	99,76558642
2016	11	25	25269		1	99,99496187
2016	11	25	25286		1	99,90349794
2016	11	25	25290		1	99,97533069
2016	11	25	25307		1	99,95270062
2016	11	25	25377		1	99,92660675
2016	11	25	25430		1	99,72147551
2016	11	25	25473		1	99,75314815
2016	11	25	25612		1	100
2016	11	25	25740		1	99,86944444
2016	11	25	25754		1	99,8806713
2016	11	25	25758		1	99,88723545
2016	11	25	25799		1	99,99621212
2016	11	25	25817		1	100
2016	11	25	25899		1	99,97173997
2016	11	27	27001		2	99,99974975
2016	11	41	41001		1	99,90237623
2016	11	44	44001		1	99,67052469
2016	11	44	44430		1	99,55787037
2016	11	44	44560		1	99,72685185
2016	11	44	44847		1	94,60087719
2016	11	47	47001		1	99,66781451
2016	11	47	47189		1	99,08281893
2016	11	50	50001		1	99,97770219
2016	11	50	50006		1	99,94328704
2016	11	50	50568		1	98,52462121
2016	11	52	52001		1	99,99142661
2016	11	52	52356		1	99,9957265
2016	11	52	52835		1	99,75190146
2016	11	54	54001		1	99,99471933
2016	11	54	54405		1	100
2016	11	54	54498		1	99,99685847
2016	11	54	54553		1	100
2016	11	54	54874		1	100
2016	11	63	63001		1	99,98153021
2016	11	66	66001		1	99,98554894
2016	11	66	66170		1	99,99381141
2016	11	68	68001		1	99,9815337
2016	11	68	68081		1	99,60758197
2016	11	68	68276		1	99,95393519
2016	11	68	68307		1	99,88933405
2016	11	68	68547		1	100
2016	11	68	68679		1	100
2016	11	70	70001		1	99,86634088
2016	11	73	73001		1	99,98718342
2016	11	73	73268		1	100
2016	11	73	73449		1	99,94405864
2016	11	76	76001		1	99,89334112
2016	11	76	76109		1	99,95406681
2016	11	76	76111		1	100

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	11	76	76130		1	99,98641304
2016	11	76	76147		1	99,70095486
2016	11	76	76364		1	99,96812678
2016	11	76	76520		1	99,99063181
2016	11	76	76834		1	99,94382716
2016	11	76	76892		1	99,96407585
2016	11	81	81001		1	99,8056562
2016	11	85	85001		1	99,33745845
2016	11	86	86001		2	99,99027778
2016	11	88	88001		2	99,52430556
2016	11	95	95001		2	100



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – DICIEMBRE 2016**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	12	5	5001	500101	1	99,99751095
2016	12	5	5001	500102	1	100
2016	12	5	5001	500103	1	100
2016	12	5	5001	500104	1	100
2016	12	5	5001	500105	1	99,99859191
2016	12	5	5001	500106	1	100
2016	12	5	5001	500107	1	99,97344771
2016	12	5	5001	500108	1	100
2016	12	5	5001	500109	1	100
2016	12	5	5001	500110	1	99,98878062
2016	12	5	5001	500111	1	99,81230585
2016	12	5	5001	500112	1	100
2016	12	5	5001	500113	1	100
2016	12	5	5001	500114	1	99,96596823
2016	12	5	5001	500115	1	99,99814488
2016	12	5	5001	500116	1	99,99946663
2016	12	8	8001	800101	1	99,95272525
2016	12	8	8001	800102	1	99,88345921
2016	12	8	8001	800103	1	99,90892049
2016	12	8	8001	800104	1	99,81724056
2016	12	8	8001	800105	1	97,82774791
2016	12	25	11001	1100101	1	99,88238491
2016	12	25	11001	1100102	1	99,97241294
2016	12	25	11001	1100103	1	99,97709897
2016	12	25	11001	1100104	1	100
2016	12	25	11001	1100105	1	99,95008803
2016	12	25	11001	1100106	1	100
2016	12	25	11001	1100107	1	99,85076108
2016	12	25	11001	1100108	1	99,94046001
2016	12	25	11001	1100109	1	99,96756272
2016	12	25	11001	1100110	1	99,97122635
2016	12	25	11001	1100111	1	99,93172693
2016	12	25	11001	1100112	1	99,91187983
2016	12	25	11001	1100113	1	99,99296765
2016	12	25	11001	1100114	1	99,98690086
2016	12	25	11001	1100115	1	100
2016	12	25	11001	1100116	1	99,99093103
2016	12	25	11001	1100117	1	99,88907428
2016	12	25	11001	1100118	1	99,86608555
2016	12	25	11001	1100119	1	99,99826656
2016	12	13	13001	1300101	1	99,57666926
2016	12	13	13001	1300102	1	99,87540168
2016	12	13	13001	1300103	1	99,37997263
2016	12	54	54001	5400101	1	100
2016	12	54	54001	5400102	1	99,97130483
2016	12	54	54001	5400103	1	100
2016	12	54	54001	5400104	1	100
2016	12	54	54001	5400105	1	100
2016	12	54	54001	5400106	1	100
2016	12	54	54001	5400107	1	100
2016	12	54	54001	5400108	1	100
2016	12	54	54001	5400109	1	100
2016	12	54	54001	5400110	1	99,98935932
2016	12	68	68001	6800101	1	100
2016	12	68	68001	6800103	1	100
2016	12	68	68001	6800104	1	100
2016	12	68	68001	6800105	1	100
2016	12	68	68001	6800106	1	100
2016	12	68	68001	6800107	1	99,96639785
2016	12	68	68001	6800108	1	100
2016	12	68	68001	6800110	1	99,97563844
2016	12	68	68001	6800111	1	99,98207885
2016	12	68	68001	6800112	1	99,95424938
2016	12	68	68001	6800113	1	100
2016	12	68	68001	6800115	1	99,99755621
2016	12	68	68001	6800116	1	100

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	12	68	68001	6800117	1	100
2016	12	73	73001	7300101	1	100
2016	12	73	73001	7300102	1	100
2016	12	73	73001	7300103	1	100
2016	12	73	73001	7300104	1	99,25477897
2016	12	73	73001	7300105	1	99,99327957
2016	12	73	73001	7300106	1	100
2016	12	73	73001	7300107	1	99,63037634
2016	12	73	73001	7300108	1	92,1953405
2016	12	73	73001	7300109	1	99,99622713
2016	12	73	73001	7300110	1	99,87391193
2016	12	73	73001	7300111	1	100
2016	12	73	73001	7300112	1	100
2016	12	73	73001	7300113	1	100
2016	12	76	76001	7600101	1	100
2016	12	76	76001	7600102	1	99,99039539
2016	12	76	76001	7600103	1	99,99562154
2016	12	76	76001	7600104	1	99,49447431
2016	12	76	76001	7600105	1	99,99315512
2016	12	76	76001	7600106	1	99,7922267
2016	12	76	76001	7600107	1	100
2016	12	76	76001	7600108	1	99,99564417
2016	12	76	76001	7600109	1	99,92910605
2016	12	76	76001	7600110	1	99,92619317
2016	12	76	76001	7600111	1	100
2016	12	76	76001	7600112	1	100
2016	12	76	76001	7600113	1	99,96729391
2016	12	76	76001	7600114	1	100
2016	12	76	76001	7600115	1	100
2016	12	76	76001	7600116	1	100
2016	12	76	76001	7600117	1	99,44465187
2016	12	76	76001	7600118	1	99,97727855
2016	12	76	76001	7600119	1	99,62959407
2016	12	76	76001	7600120	1	99,64112903
2016	12	76	76001	7600121	1	100
2016	12	76	76001	7600122	1	99,69924475
2016	12	5	5001		1	99,96613253
2016	12	5	5045		1	100
2016	12	5	5088		1	100
2016	12	5	5129		1	99,99961041
2016	12	5	5212		1	100
2016	12	5	5266		1	99,99840701
2016	12	5	5308		1	99,98615184
2016	12	5	5318		1	100
2016	12	5	5360		1	98,61197517
2016	12	5	5380		1	100
2016	12	5	5607		1	100
2016	12	5	5615		1	99,79080261
2016	12	5	5631		1	100
2016	12	8	8001		1	99,47218908
2016	12	8	8433		1	99,5314654
2016	12	8	8573		1	98,89815218
2016	12	8	8758		1	99,73898717
2016	12	15	15001		1	99,99444979
2016	12	15	15238		1	99,88445576
2016	12	15	15572		1	99,72028755
2016	12	15	15759		1	100
2016	12	17	17001		1	99,98500142
2016	12	18	18001		1	99,87045792
2016	12	19	19001		1	99,9827931
2016	12	20	20001		1	99,69703631
2016	12	20	20011		1	97,1812596
2016	12	20	20400		1	99,88809951
2016	12	20	20443		1	100
2016	12	20	20750		1	97,89874552
2016	12	23	23001		1	99,78373211
2016	12	25	25126		1	99,79753371
2016	12	25	25175		1	99,78031408
2016	12	25	25214		1	99,438211
2016	12	25	25269		1	100
2016	12	25	25286		1	99,6123578
2016	12	25	25290		1	99,96496665
2016	12	25	25307		1	99,94060007
2016	12	25	25377		1	99,86521804
2016	12	25	25430		1	99,87252184
2016	12	25	25473		1	99,83926971
2016	12	25	25612		1	99,99243952
2016	12	25	25740		1	99,8192951
2016	12	25	25754		1	99,93532706
2016	12	25	25758		1	99,96863799
2016	12	25	25799		1	99,16503747
2016	12	25	25817		1	99,99716249
2016	12	25	25899		1	99,7739322
2016	12	27	27001		2	99,99200814
2016	12	41	41001		1	99,99599974
2016	12	44	44001		1	98,86363636
2016	12	44	44430		1	98,75344637

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2016	12	44	44560		1	99,96415771
2016	12	44	44847		1	95,33991228
2016	12	47	47001		1	99,59853047
2016	12	47	47189		1	99,6022501
2016	12	50	50001		1	99,77260259
2016	12	50	50006		1	99,93399044
2016	12	50	50568		1	99,80364656
2016	12	52	52001		1	99,97632639
2016	12	52	52356		1	99,99517508
2016	12	52	52835		1	99,99447965
2016	12	54	54001		1	99,99575479
2016	12	54	54405		1	100
2016	12	54	54498		1	100
2016	12	54	54553		1	100
2016	12	54	54874		1	100
2016	12	63	63001		1	99,99028485
2016	12	66	66001		1	99,95526083
2016	12	66	66170		1	99,95656865
2016	12	68	68001		1	99,9884315
2016	12	68	68081		1	99,9643355
2016	12	68	68276		1	99,95715726
2016	12	68	68307		1	99,8985298
2016	12	68	68547		1	99,92876344
2016	12	68	68679		1	100
2016	12	70	70001		1	99,79791322
2016	12	73	73001		1	99,04005828
2016	12	73	73268		1	99,99677979
2016	12	73	73449		1	99,99561305
2016	12	76	76001		1	99,83151633
2016	12	76	76109		1	99,77339412
2016	12	76	76111		1	100
2016	12	76	76130		1	99,73459171
2016	12	76	76147		1	99,97437836
2016	12	76	76364		1	99,95916046
2016	12	76	76520		1	99,74032785
2016	12	76	76834		1	99,84592792
2016	12	76	76892		1	99,9737715
2016	12	81	81001		1	99,8931549
2016	12	85	85001		1	99,85966494
2016	12	86	86001		2	98,77486559
2016	12	88	88001		2	99,11869026
2016	12	95	95001		2	100
2016	12	25	11001		1	99,94929413
2016	12	13	13001		1	99,60067616



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – ENERO 2017**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	1	5	5001	500101	1	100
2017	1	5	5001	500102	1	100
2017	1	5	5001	500103	1	100
2017	1	5	5001	500104	1	99,99470512
2017	1	5	5001	500105	1	100
2017	1	5	5001	500106	1	100
2017	1	5	5001	500107	1	99,971537
2017	1	5	5001	500108	1	100
2017	1	5	5001	500109	1	100
2017	1	5	5001	500110	1	99,99068767
2017	1	5	5001	500111	1	99,99392803
2017	1	5	5001	500112	1	100
2017	1	5	5001	500113	1	100
2017	1	5	5001	500114	1	99,97759857
2017	1	5	5001	500115	1	99,99026938
2017	1	5	5001	500116	1	99,97804659
2017	1	8	8001	800101	1	99,69792825
2017	1	8	8001	800102	1	99,36870626
2017	1	8	8001	800103	1	99,33797868
2017	1	8	8001	800104	1	99,90107527
2017	1	8	8001	800105	1	99,63347128
2017	1	25	11001	1100101	1	99,9970863
2017	1	25	11001	1100102	1	99,98887227
2017	1	25	11001	1100103	1	99,99658418
2017	1	25	11001	1100104	1	99,97975255
2017	1	25	11001	1100105	1	99,99107873
2017	1	25	11001	1100106	1	99,9983653
2017	1	25	11001	1100107	1	99,91093303
2017	1	25	11001	1100108	1	99,96100398
2017	1	25	11001	1100109	1	99,94874286
2017	1	25	11001	1100110	1	99,9194593
2017	1	25	11001	1100111	1	99,97808041
2017	1	25	11001	1100112	1	99,96558113

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	1	25	11001	1100113	1	99,96644012
2017	1	25	11001	1100114	1	99,97364984
2017	1	25	11001	1100115	1	99,97894265
2017	1	25	11001	1100116	1	99,97127558
2017	1	25	11001	1100117	1	99,9543088
2017	1	25	11001	1100118	1	99,7797412
2017	1	25	11001	1100119	1	99,99069274
2017	1	13	13001	1300101	1	99,56882771
2017	1	13	13001	1300102	1	99,82489126
2017	1	13	13001	1300103	1	99,43487514
2017	1	50	50001	5000101	1	100
2017	1	50	50001	5000102	1	99,99854391
2017	1	50	50001	5000103	1	99,91173835
2017	1	50	50001	5000104	1	99,8687916
2017	1	50	50001	5000105	1	99,91762673
2017	1	50	50001	5000106	1	100
2017	1	50	50001	5000107	1	99,68800912
2017	1	50	50001	5000108	1	99,96102151
2017	1	54	54001	5400101	1	99,90208707
2017	1	54	54001	5400102	1	100
2017	1	54	54001	5400103	1	99,99305556
2017	1	54	54001	5400104	1	99,98095878
2017	1	54	54001	5400105	1	100
2017	1	54	54001	5400106	1	100
2017	1	54	54001	5400107	1	99,99775986
2017	1	54	54001	5400108	1	100
2017	1	54	54001	5400109	1	100
2017	1	54	54001	5400110	1	99,99495968
2017	1	68	68001	6800101	1	100
2017	1	68	68001	6800103	1	100
2017	1	68	68001	6800104	1	99,99579973
2017	1	68	68001	6800105	1	100
2017	1	68	68001	6800106	1	99,81977028
2017	1	68	68001	6800107	1	99,96751792
2017	1	68	68001	6800108	1	100
2017	1	68	68001	6800110	1	100
2017	1	68	68001	6800111	1	100
2017	1	68	68001	6800112	1	99,93090019
2017	1	68	68001	6800113	1	100
2017	1	68	68001	6800115	1	99,97759857
2017	1	68	68001	6800116	1	100
2017	1	68	68001	6800117	1	100
2017	1	73	73001	7300101	1	100
2017	1	73	73001	7300102	1	100
2017	1	73	73001	7300103	1	100
2017	1	73	73001	7300104	1	100
2017	1	73	73001	7300105	1	100
2017	1	73	73001	7300106	1	99,99831989
2017	1	73	73001	7300107	1	100
2017	1	73	73001	7300108	1	99,97759857
2017	1	73	73001	7300109	1	100
2017	1	73	73001	7300110	1	99,99951997
2017	1	73	73001	7300111	1	100
2017	1	73	73001	7300112	1	100
2017	1	73	73001	7300113	1	100
2017	1	76	76001	7600101	1	99,99350358
2017	1	76	76001	7600102	1	99,99834789
2017	1	76	76001	7600103	1	99,96592898
2017	1	76	76001	7600104	1	99,73230287
2017	1	76	76001	7600105	1	99,98581243
2017	1	76	76001	7600106	1	100
2017	1	76	76001	7600107	1	100
2017	1	76	76001	7600108	1	100
2017	1	76	76001	7600109	1	100
2017	1	76	76001	7600110	1	99,94729768
2017	1	76	76001	7600111	1	99,98137881
2017	1	76	76001	7600112	1	100
2017	1	76	76001	7600113	1	100
2017	1	76	76001	7600114	1	100
2017	1	76	76001	7600115	1	100
2017	1	76	76001	7600116	1	100
2017	1	76	76001	7600117	1	99,72678548
2017	1	76	76001	7600118	1	99,90698071
2017	1	76	76001	7600119	1	99,86765375
2017	1	76	76001	7600120	1	100
2017	1	76	76001	7600121	1	100
2017	1	76	76001	7600122	1	99,98950333
2017	1	5	5001		1	99,98856237
2017	1	5	5045		1	99,8504885
2017	1	5	5088		1	99,99897918
2017	1	5	5129		1	99,97185211
2017	1	5	5212		1	99,88814217
2017	1	5	5266		1	99,99135256
2017	1	5	5308		1	99,96802704
2017	1	5	5318		1	99,93068733
2017	1	5	5360		1	99,98286764
2017	1	5	5376		1	100

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	1	5	5380		1	99,9555556
2017	1	5	5607		1	100
2017	1	5	5615		1	100
2017	1	5	5631		1	99,94169405
2017	1	5	5837		1	99,86495136
2017	1	8	8001		1	99,70998934
2017	1	8	8573		1	98,88374261
2017	1	8	8758		1	99,30465227
2017	1	15	15001		1	99,98053052
2017	1	15	15238		1	99,99534286
2017	1	15	15491		1	100
2017	1	15	15572		1	99,79268491
2017	1	15	15759		1	100
2017	1	17	17001		1	99,98937786
2017	1	17	17380		1	99,99604681
2017	1	18	18001		1	99,92534143
2017	1	19	19001		1	99,91490702
2017	1	20	20001		1	99,95199394
2017	1	20	20011		1	99,71955538
2017	1	20	20400		1	99,56306537
2017	1	23	23001		1	99,81049413
2017	1	25	25126		1	99,9364226
2017	1	25	25175		1	99,61439665
2017	1	25	25214		1	99,93603676
2017	1	25	25269		1	99,96310352
2017	1	25	25286		1	99,96230715
2017	1	25	25290		1	99,85650637
2017	1	25	25307		1	99,6681601
2017	1	25	25377		1	99,74810832
2017	1	25	25430		1	99,81595822
2017	1	25	25473		1	99,89910394
2017	1	25	25754		1	99,90719086
2017	1	25	25758		1	99,97151818
2017	1	25	25799		1	99,29964972
2017	1	25	25817		1	99,72854733
2017	1	25	25899		1	99,90162037
2017	1	27	27001		2	99,98383464
2017	1	41	41001		1	99,47003639
2017	1	41	41551		1	99,38321386
2017	1	44	44001		1	99,49461008
2017	1	44	44430		1	99,91470223
2017	1	44	44560		1	100
2017	1	44	44847		1	99,01669496
2017	1	47	47001		1	99,01393439
2017	1	50	50001		1	99,8786589
2017	1	50	50006		1	99,98558841
2017	1	50	50568		1	99,97793336
2017	1	52	52001		1	99,94147971
2017	1	52	52356		1	99,99982768
2017	1	52	52835		1	99,39092102
2017	1	54	54001		1	99,9834944
2017	1	54	54405		1	100
2017	1	54	54498		1	99,53373016
2017	1	54	54874		1	100
2017	1	63	63001		1	99,99266648
2017	1	66	66001		1	99,90846964
2017	1	66	66170		1	99,99771414
2017	1	68	68001		1	99,91993135
2017	1	68	68081		1	99,9943463
2017	1	68	68276		1	99,93525986
2017	1	68	68307		1	99,87778773
2017	1	68	68547		1	99,95217294
2017	1	68	68679		1	100
2017	1	70	70001		1	99,99909533
2017	1	73	73001		1	99,99785655
2017	1	73	73268		1	99,90703405
2017	1	73	73449		1	99,92467518
2017	1	76	76001		1	99,89658211
2017	1	76	76109		1	99,96982395
2017	1	76	76111		1	99,80539972
2017	1	76	76130		1	99,88809023
2017	1	76	76147		1	99,87714214
2017	1	76	76364		1	99,97105045
2017	1	76	76520		1	99,9065992
2017	1	76	76834		1	99,90860215
2017	1	76	76892		1	99,89850427
2017	1	81	81001		1	99,80354917
2017	1	85	85001		1	99,91813552
2017	1	85	85410		1	100
2017	1	86	86001		2	99,57952509
2017	1	88	88001		2	100
2017	1	95	95001		2	99,95099686
2017	1	25	11001		1	99,96677623
2017	1	13	13001		1	99,59934089





OPERADOR COMCEL S.A.  
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – FEBRERO 2017  
DISPONIBILIDAD EB DESAGREGADO

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	2	5	5001	500101	1	100
2017	2	5	5001	500102	1	100
2017	2	5	5001	500103	1	100
2017	2	5	5001	500104	1	100
2017	2	5	5001	500105	1	100
2017	2	5	5001	500106	1	100
2017	2	5	5001	500107	1	100
2017	2	5	5001	500108	1	100
2017	2	5	5001	500109	1	100
2017	2	5	5001	500110	1	99,9898129
2017	2	5	5001	500111	1	99,99683453
2017	2	5	5001	500112	1	100
2017	2	5	5001	500113	1	99,99859817
2017	2	5	5001	500114	1	99,98851653
2017	2	5	5001	500115	1	99,99404762
2017	2	5	5001	500116	1	99,99950397
2017	2	8	8001	800101	1	99,90710283
2017	2	8	8001	800102	1	99,96739499
2017	2	8	8001	800103	1	99,05793129
2017	2	8	8001	800104	1	99,59661281
2017	2	8	8001	800105	1	99,8825188
2017	2	25	11001	1100101	1	99,96253395
2017	2	25	11001	1100102	1	99,98175178
2017	2	25	11001	1100103	1	99,94267491
2017	2	25	11001	1100104	1	99,92053953
2017	2	25	11001	1100105	1	99,9943435
2017	2	25	11001	1100106	1	99,97499732
2017	2	25	11001	1100107	1	99,96685606
2017	2	25	11001	1100108	1	99,97413153
2017	2	25	11001	1100109	1	99,9728042
2017	2	25	11001	1100110	1	99,97392621
2017	2	25	11001	1100111	1	99,96615479
2017	2	25	11001	1100112	1	99,99626671
2017	2	25	11001	1100113	1	99,95091158
2017	2	25	11001	1100114	1	100
2017	2	25	11001	1100115	1	100
2017	2	25	11001	1100116	1	99,97267793
2017	2	25	11001	1100117	1	100
2017	2	25	11001	1100118	1	99,9933984
2017	2	25	11001	1100119	1	99,97014952
2017	2	13	13001	1300101	1	99,6284975
2017	2	13	13001	1300102	1	99,89432852
2017	2	13	13001	1300103	1	99,37646054
2017	2	50	50001	5000101	1	99,94791667
2017	2	50	50001	5000102	1	100
2017	2	50	50001	5000103	1	99,99193948
2017	2	50	50001	5000104	1	100
2017	2	50	50001	5000105	1	100
2017	2	50	50001	5000106	1	100
2017	2	50	50001	5000107	1	100
2017	2	50	50001	5000108	1	100
2017	2	54	54001	5400101	1	99,9568039
2017	2	54	54001	5400102	1	100
2017	2	54	54001	5400103	1	99,99156746
2017	2	54	54001	5400104	1	100
2017	2	54	54001	5400105	1	100
2017	2	54	54001	5400106	1	100
2017	2	54	54001	5400107	1	99,99641755
2017	2	54	54001	5400108	1	99,9949019
2017	2	54	54001	5400109	1	100
2017	2	54	54001	5400110	1	100
2017	2	68	68001	6800101	1	100
2017	2	68	68001	6800103	1	100
2017	2	68	68001	6800104	1	99,98914931
2017	2	68	68001	6800105	1	99,51347553
2017	2	68	68001	6800106	1	99,99909812
2017	2	68	68001	6800107	1	100
2017	2	68	68001	6800108	1	100
2017	2	68	68001	6800110	1	99,98232887
2017	2	68	68001	6800111	1	99,91009425
2017	2	68	68001	6800112	1	99,97472146
2017	2	68	68001	6800113	1	100
2017	2	68	68001	6800115	1	99,87035534
2017	2	68	68001	6800116	1	100
2017	2	68	68001	6800117	1	100
2017	2	73	73001	7300101	1	100
2017	2	73	73001	7300102	1	100
2017	2	73	73001	7300103	1	100
2017	2	73	73001	7300104	1	100

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	2	73	73001	7300105	1	100
2017	2	73	73001	7300106	1	100
2017	2	73	73001	7300107	1	100
2017	2	73	73001	7300108	1	100
2017	2	73	73001	7300109	1	100
2017	2	73	73001	7300110	1	100
2017	2	73	73001	7300111	1	100
2017	2	73	73001	7300112	1	100
2017	2	73	73001	7300113	1	100
2017	2	76	76001	7600101	1	100
2017	2	76	76001	7600102	1	99,89564497
2017	2	76	76001	7600103	1	100
2017	2	76	76001	7600104	1	99,95104382
2017	2	76	76001	7600105	1	100
2017	2	76	76001	7600106	1	100
2017	2	76	76001	7600107	1	99,93506494
2017	2	76	76001	7600108	1	99,54654431
2017	2	76	76001	7600109	1	99,97864308
2017	2	76	76001	7600110	1	99,66361216
2017	2	76	76001	7600111	1	99,83351935
2017	2	76	76001	7600112	1	99,65302579
2017	2	76	76001	7600113	1	99,99818122
2017	2	76	76001	7600114	1	99,71535409
2017	2	76	76001	7600115	1	99,9858631
2017	2	76	76001	7600116	1	99,99389499
2017	2	76	76001	7600117	1	99,01693857
2017	2	76	76001	7600118	1	100
2017	2	76	76001	7600119	1	99,78119489
2017	2	76	76001	7600120	1	100
2017	2	76	76001	7600121	1	100
2017	2	76	76001	7600122	1	99,98468137
2017	2	5	5001		1	99,99497024
2017	2	5	5045		1	99,90815412
2017	2	5	5088		1	99,98807012
2017	2	5	5129		1	99,99338624
2017	2	5	5212		1	99,1332672
2017	2	5	5266		1	99,87467448
2017	2	5	5308		1	98,32093254
2017	2	5	5318		1	99,97067577
2017	2	5	5360		1	99,9424201
2017	2	5	5376		1	99,95218805
2017	2	5	5380		1	100
2017	2	5	5607		1	100
2017	2	5	5615		1	99,93327354
2017	2	5	5631		1	99,64809303
2017	2	5	5837		1	99,95411706
2017	2	8	8001		1	99,68562568
2017	2	8	8573		1	97,36432861
2017	2	8	8758		1	99,7421835
2017	2	25	11001		1	99,971068
2017	2	15	15001		1	99,70318336
2017	2	15	15238		1	99,99810725
2017	2	15	15491		1	100
2017	2	15	15572		1	99,97170364
2017	2	15	15759		1	99,99217796
2017	2	17	17001		1	100
2017	2	17	17380		1	99,95944211
2017	2	18	18001		1	99,99448378
2017	2	19	19001		1	99,77887049
2017	2	20	20001		1	99,65854978
2017	2	20	20011		1	99,42637472
2017	2	20	20400		1	99,37677154
2017	2	23	23001		1	99,67615943
2017	2	25	25126		1	99,98559146
2017	2	25	25175		1	99,88740079
2017	2	25	25214		1	99,70391126
2017	2	25	25269		1	99,91859244
2017	2	25	25286		1	99,82462522
2017	2	25	25290		1	100
2017	2	25	25307		1	99,99446098
2017	2	25	25377		1	99,94061398
2017	2	25	25430		1	99,7640749
2017	2	25	25473		1	99,93246337
2017	2	25	25754		1	99,97388539
2017	2	25	25758		1	99,98635913
2017	2	25	25799		1	99,98466811
2017	2	25	25817		1	99,76584384
2017	2	25	25899		1	99,91278108
2017	2	27	27001		2	100
2017	2	41	41001		1	99,99065556
2017	2	41	41551		1	99,98906893
2017	2	44	44001		1	99,83916546
2017	2	44	44430		1	99,61023352
2017	2	44	44560		1	100
2017	2	44	44847		1	98,01143484
2017	2	47	47001		1	99,43779839
2017	2	50	50001		1	99,9720669

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	2	50	50006		1	99,96351767
2017	2	50	50568		1	99,66043392
2017	2	52	52001		1	99,91374559
2017	2	52	52356		1	99,98683608
2017	2	52	52835		1	99,91895196
2017	2	54	54001		1	99,98464736
2017	2	54	54405		1	99,96332908
2017	2	54	54498		1	99,70202664
2017	2	54	54874		1	100
2017	2	63	63001		1	99,99085441
2017	2	66	66001		1	99,96875
2017	2	66	66170		1	99,99117063
2017	2	68	68001		1	99,9464865
2017	2	68	68081		1	99,84878905
2017	2	68	68276		1	99,97507743
2017	2	68	68307		1	99,96876837
2017	2	68	68547		1	100
2017	2	68	68679		1	99,89304315
2017	2	70	70001		1	99,7707284
2017	2	73	73001		1	99,98938349
2017	2	73	73268		1	100
2017	2	73	73449		1	99,89552331
2017	2	76	76001		1	99,78444959
2017	2	76	76109		1	99,63707011
2017	2	76	76111		1	99,99805901
2017	2	76	76130		1	99,41640787
2017	2	76	76147		1	99,99674479
2017	2	76	76364		1	99,88705739
2017	2	76	76520		1	99,89061041
2017	2	76	76834		1	99,98815035
2017	2	76	76892		1	99,56490235
2017	2	81	81001		1	99,90823413
2017	2	85	85001		1	99,75726241
2017	2	85	85410		1	99,25564236
2017	2	86	86001		2	100
2017	2	88	88001		2	100
2017	2	95	95001		2	100
2017	2	13	13001		1	99,63140117



**OPERADOR COMCEL S.A.**  
**INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – MARZO 2017**  
**DISPONIBILIDAD EB DESAGREGADO**

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	3	5	5001	500101	1	100
2017	3	5	5001	500102	1	99,84673686
2017	3	5	5001	500103	1	99,94034145
2017	3	5	5001	500104	1	100
2017	3	5	5001	500105	1	99,82008449
2017	3	5	5001	500106	1	100
2017	3	5	5001	500107	1	99,91164611
2017	3	5	5001	500108	1	99,92806651
2017	3	5	5001	500109	1	100
2017	3	5	5001	500110	1	99,95018435
2017	3	5	5001	500111	1	99,9449954
2017	3	5	5001	500112	1	100
2017	3	5	5001	500113	1	100
2017	3	5	5001	500114	1	99,86137195
2017	3	5	5001	500115	1	99,96291701
2017	3	5	5001	500116	1	99,97575964
2017	3	8	8001	800101	1	99,62015815
2017	3	8	8001	800102	1	99,36833557
2017	3	8	8001	800103	1	99,07912422
2017	3	8	8001	800104	1	99,73100358
2017	3	8	8001	800105	1	98,85107173
2017	3	25	11001	1100101	1	99,92868253
2017	3	25	11001	1100102	1	99,9305272
2017	3	25	11001	1100103	1	99,86382788
2017	3	25	11001	1100104	1	99,95106148
2017	3	25	11001	1100105	1	99,8967962
2017	3	25	11001	1100106	1	99,96252301
2017	3	25	11001	1100107	1	99,9219441
2017	3	25	11001	1100108	1	99,96882571
2017	3	25	11001	1100109	1	99,96510673
2017	3	25	11001	1100110	1	99,94975843
2017	3	25	11001	1100111	1	99,91634544
2017	3	25	11001	1100112	1	99,9744017
2017	3	25	11001	1100113	1	99,96621117
2017	3	25	11001	1100114	1	99,99096349
2017	3	25	11001	1100115	1	100
2017	3	25	11001	1100116	1	99,99648498

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	3	25	11001	1100117	1	99,63311859
2017	3	25	11001	1100118	1	99,99670567
2017	3	25	11001	1100119	1	99,848897
2017	3	13	13001	1300101	1	99,79831838
2017	3	13	13001	1300102	1	99,47193025
2017	3	13	13001	1300103	1	99,93187928
2017	3	50	50001	5000101	1	99,75582437
2017	3	50	50001	5000102	1	99,93178763
2017	3	50	50001	5000103	1	99,97289427
2017	3	50	50001	5000104	1	100
2017	3	50	50001	5000105	1	99,97951869
2017	3	50	50001	5000106	1	99,98627912
2017	3	50	50001	5000107	1	99,95723363
2017	3	50	50001	5000108	1	99,6890681
2017	3	54	54001	5400101	1	100
2017	3	54	54001	5400102	1	100
2017	3	54	54001	5400103	1	99,97446237
2017	3	54	54001	5400104	1	100
2017	3	54	54001	5400105	1	100
2017	3	54	54001	5400106	1	100
2017	3	54	54001	5400107	1	100
2017	3	54	54001	5400108	1	100
2017	3	54	54001	5400109	1	99,99271953
2017	3	54	54001	5400110	1	100
2017	3	68	68001	6800101	1	100
2017	3	68	68001	6800103	1	99,95333035
2017	3	68	68001	6800104	1	100
2017	3	68	68001	6800105	1	100
2017	3	68	68001	6800106	1	100
2017	3	68	68001	6800107	1	99,94511649
2017	3	68	68001	6800108	1	100
2017	3	68	68001	6800110	1	99,98543907
2017	3	68	68001	6800111	1	99,83534946
2017	3	68	68001	6800112	1	99,89367935
2017	3	68	68001	6800113	1	100
2017	3	68	68001	6800115	1	100
2017	3	68	68001	6800116	1	99,97187376
2017	3	68	68001	6800117	1	100
2017	3	73	73001	7300101	1	100
2017	3	73	73001	7300102	1	100
2017	3	73	73001	7300103	1	100
2017	3	73	73001	7300104	1	100
2017	3	73	73001	7300105	1	100
2017	3	73	73001	7300106	1	100
2017	3	73	73001	7300107	1	100
2017	3	73	73001	7300108	1	100
2017	3	73	73001	7300109	1	99,94708995
2017	3	73	73001	7300110	1	100
2017	3	73	73001	7300111	1	100
2017	3	73	73001	7300112	1	100
2017	3	73	73001	7300113	1	100
2017	3	76	76001	7600101	1	99,4516129
2017	3	76	76001	7600102	1	99,24004572
2017	3	76	76001	7600103	1	99,89737018
2017	3	76	76001	7600104	1	100
2017	3	76	76001	7600105	1	100
2017	3	76	76001	7600106	1	99,90269377
2017	3	76	76001	7600107	1	99,91874389
2017	3	76	76001	7600108	1	99,74225906
2017	3	76	76001	7600109	1	99,60847272
2017	3	76	76001	7600110	1	99,60821071
2017	3	76	76001	7600111	1	99,85285058
2017	3	76	76001	7600112	1	99,94892473
2017	3	76	76001	7600113	1	99,95952808
2017	3	76	76001	7600114	1	100
2017	3	76	76001	7600115	1	99,79345878
2017	3	76	76001	7600116	1	100
2017	3	76	76001	7600117	1	99,8603644
2017	3	76	76001	7600118	1	99,87760671
2017	3	76	76001	7600119	1	99,81534818
2017	3	76	76001	7600120	1	100
2017	3	76	76001	7600121	1	100
2017	3	76	76001	7600122	1	100
2017	3	5	5001		1	99,92944144
2017	3	5	5045		1	99,8770089
2017	3	5	5088		1	99,95913865
2017	3	5	5129		1	100
2017	3	5	5212		1	99,97057945
2017	3	5	5266		1	99,97617302
2017	3	5	5308		1	99,97722521
2017	3	5	5318		1	100
2017	3	5	5360		1	99,97150538
2017	3	5	5376		1	99,86683592
2017	3	5	5380		1	99,90427695
2017	3	5	5607		1	99,92879544

ANNO	MES	ID_DEPARTAMENTO	ID_MUNICIPIO_CATEGORIA	ID_DIVISION_ADMINISTRATIVA	ID_ZONA	PORC_PROMEDIO_DISPONIBILIDAD
2017	3	5	5615		1	99,9789181
2017	3	5	5631		1	99,95115243
2017	3	5	5837		1	99,8553863
2017	3	8	8001		1	99,43462096
2017	3	8	8573		1	97,98544512
2017	3	8	8758		1	98,82482801
2017	3	25	11001		1	99,93351393
2017	3	15	15001		1	99,99271953
2017	3	15	15238		1	99,99805461
2017	3	15	15491		1	100
2017	3	15	15572		1	99,32897524
2017	3	15	15759		1	99,94158395
2017	3	17	17001		1	99,98408163
2017	3	17	17380		1	100
2017	3	18	18001		1	99,81445433
2017	3	19	19001		1	99,98233858
2017	3	20	20001		1	99,74242424
2017	3	20	20011		1	99,22693719
2017	3	20	20400		1	98,57676225
2017	3	23	23001		1	99,81629114
2017	3	25	25126		1	99,9925668
2017	3	25	25175		1	99,84497449
2017	3	25	25214		1	99,98713109
2017	3	25	25269		1	99,70912078
2017	3	25	25286		1	99,36340104
2017	3	25	25290		1	99,67372615
2017	3	25	25307		1	99,70957625
2017	3	25	25377		1	99,99701314
2017	3	25	25430		1	99,88799283
2017	3	25	25473		1	99,98415899
2017	3	25	25754		1	99,98548299
2017	3	25	25758		1	99,84431004
2017	3	25	25799		1	99,67456826
2017	3	25	25817		1	99,96376239
2017	3	25	25899		1	99,89032631
2017	3	27	27001		2	99,97172576
2017	3	41	41001		1	99,82942908
2017	3	41	41551		1	100
2017	3	44	44001		1	99,94107744
2017	3	44	44430		1	99,96921877
2017	3	44	44560		1	99,85551075
2017	3	44	44847		1	97,39223731
2017	3	47	47001		1	99,54857611
2017	3	50	50001		1	99,94147343
2017	3	50	50006		1	99,95678691
2017	3	50	50568		1	99,90766713
2017	3	52	52001		1	99,97729435
2017	3	52	52356		1	100
2017	3	52	52835		1	98,38613671
2017	3	54	54001		1	99,98922272
2017	3	54	54405		1	100
2017	3	54	54498		1	100
2017	3	54	54874		1	100
2017	3	63	63001		1	99,98970934
2017	3	66	66001		1	99,96168727
2017	3	66	66170		1	99,96556329
2017	3	68	68001		1	99,95338213
2017	3	68	68081		1	99,88499393
2017	3	68	68276		1	99,91056228
2017	3	68	68307		1	99,75134409
2017	3	68	68547		1	99,99875548
2017	3	68	68679		1	100
2017	3	70	70001		1	99,9728598
2017	3	73	73001		1	99,99200639
2017	3	73	73268		1	100
2017	3	73	73449		1	99,94772999
2017	3	76	76001		1	99,77751491
2017	3	76	76109		1	99,59637097
2017	3	76	76111		1	99,60778012
2017	3	76	76130		1	99,34694951
2017	3	76	76147		1	99,66943884
2017	3	76	76364		1	99,98095878
2017	3	76	76520		1	99,56744149
2017	3	76	76834		1	99,7097272
2017	3	76	76892		1	98,95250896
2017	3	81	81001		1	100
2017	3	85	85001		1	99,59088664
2017	3	85	85410		1	98,45094086
2017	3	86	86001		2	99,7296147
2017	3	88	88001		2	100
2017	3	95	95001		2	100
2017	3	13	13001		1	99,74745019