



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – ABRIL 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO ID ELEMENTO	ID ELEMENTO RED	INDISPON INICIO PERIODO	INDISPON PERIODO ACTUAL	INDISPON FIN PERIODO ACTUAL	PORC DISPONIBILIDAD MENSUAL	PORC DISPONIBILIDAD ACUMULADO
2016	4	88001	MSS01SAI	1	0	0	0	100	100
2016	4	11001	MSS02FON	1	0	0	0	100	100
2016	4	11001	HLR01ARA	2	0	0	0	100	100
2016	4	8001	MSS01ALK	1	0	0	0	100	100
2016	4	76001	HLR01CAL	2	0	0	0	100	100
2016	4	11001	MSS02ARA	1	0	0	0	100	100
2016	4	66001	MSS01PER	1	0	0	0	100	100
2016	4	11001	MSS04VEN	1	0	0	0	100	100
2016	4	11001	HLR02VEN	2	0	0	0	100	100
2016	4	68001	HSS01BUC	2	0	0	0	100	100
2016	4	68001	MSS02BUC	1	0	0	0	100	100
2016	4	13001	HLR01CAR	2	0	0	0	100	100
2016	4	76001	MSS01ING	1	0	0	0	100	100
2016	4	11001	MSS06ARA	1	0	0	0	100	100
2016	4	11001	MSS01VEN	1	0	0	0	100	100
2016	4	76001	MSS02CAL	1	0	0	0	100	100
2016	4	11001	HLR01VEN	2	0	0	0	100	100
2016	4	11001	MSS02TOB	1	0	0	0	100	100
2016	4	11001	MSS03ARA	1	0	0	0	100	100
2016	4	68001	MSS03BUC	1	0	0	0	100	100
2016	4	11001	MSS02VEN	1	0	0	0	100	100
2016	4	76001	MSS04CAL	1	0	0	0	100	100
2016	4	11001	MSC02PRA	1	0	0	0	100	100
2016	4	11001	HLR01FON	2	0	0	0	100	100
2016	4	76001	MSS03CAL	1	0	0	0	100	100
2016	4	5001	MSS04MED	1	0	0	0	100	100
2016	4	11001	MSS03PER	1	0	0	0	100	100
2016	4	11001	MSC01FON	1	0	0	0	100	100
2016	4	8001	MSS03BAR	1	0	0	0	100	100
2016	4	11001	MSS05ARA	1	0	0	0	100	100
2016	4	8001	MSS04BAR	1	0	0	0	100	100
2016	4	11001	MSS03VEN	1	0	0	0	100	100
2016	4	11001	MSS01TOB	1	0	0	0	100	100
2016	4	13001	MSS01CAR	1	0	0	0	100	100
2016	4	11001	MSS01ARA	1	0	0	0	100	100
2016	4	11001	MSC01PRA	1	0	0	0	100	100
2016	4	11001	HLR02ARA	2	0	0	0	100	100
2016	4	68001	MSS01BUC	1	0	0	0	100	100
2016	4	8001	MSS02ALK	1	0	0	0	100	100
2016	4	5001	MSS06MED	1	0	0	0	100	100
2016	4	5001	MSS03MED	1	0	0	0	100	100
2016	4	70001	MSS01SIN	1	0	0	0	100	100
2016	4	5001	HLR02MED	2	0	0	0	100	100
2016	4	11001	MSS07VEN	1	0	0	0	100	100
2016	4	52001	MSS01PAS	1	0	0	0	100	100
2016	4	5001	MSS02MED	1	0	0	0	100	100
2016	4	76001	MSC01CAL	1	0	0	0	100	100
2016	4	70001	MSS02SIN	1	0	0	0	100	100
2016	4	5001	HLR01MED	2	0	0	0	100	100
2016	4	5001	MSS05MED	1	0	0	0	100	100
2016	4	11001	MSS07ARA	1	0	0	0	100	100
2016	4	8001	MSS01BAR	1	0	0	0	100	100
2016	4	76001	HSS01ING	2	0	0	0	100	100
2016	4	11001	MSS04ARA	1	0	0	0	100	100
2016	4	11001	MSS05VEN	1	0	0	0	100	100
2016	4	66001	MSS02PER	1	0	0	0	100	100
2016	4	11001	MSS03PRA	1	0	0	0	100	100
2016	4	11001	HLR01PRA	2	0	0	0	100	100
2016	4	11001	MSS06VEN	1	0	0	0	100	100
2016	4	11001	SDP1	3	0	0	0	100	100
2016	4	11001	SDP2	3	0	0	0	100	100
2016	4	11001	SDP3	3	0	0	0	100	100
2016	4	11001	SDP4	3	0	0	0	100	100
2016	4	11001	SDP5	3	0	0	0	100	100
2016	4	11001	SDP7	3	0	0	0	100	100
2016	4	11001	SDP6	3	0	0	0	100	100
2016	4	11001	SDP8	3	0	0	0	100	100
2016	4	11001	SDP9	3	0	0	0	100	100
2016	4	11001	SDP10	3	0	0	0	100	100
2016	4	11001	SDP11	3	0	0	0	100	100
2016	4	11001	SDP12	3	0	0	0	100	100
2016	4	11001	SDP13	3	0	0	0	100	100
2016	4	11001	SDP14	3	0	0	0	100	100
2016	4	11001	SDP15	3	0	0	0	100	100
2016	4	11001	SDP16	3	0	0	0	100	100
2016	4	11001	SDP17	3	0	0	0	100	100
2016	4	11001	SDP18	3	0	0	0	100	100
2016	4	11001	SDP19	3	0	0	0	100	100
2016	4	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – MAYO 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO ID ELEMENTO	ID ELEMENTO_RED	INDISPON_INICIO_PERIODO	INDISPON_PERIODO_ACTUAL	INDISPON_FIN_PERIODO_ACTUAL	PORC_DISPONIBILIDAD_MENSUAL	PORC_DISPONIBILIDAD_ACUMULADO
2016	5	8001	MSS01SAI	1	0	0	0	100	100
2016	5	11001	MSS02FON	1	0	0	0	100	100
2016	5	11001	HLR01ARA	2	0	0	0	100	100
2016	5	8001	MSS01ALK	1	0	0	0	100	100
2016	5	76001	HLR01CAL	2	0	0	0	100	100
2016	5	11001	MSS02ARA	1	0	0	0	100	100
2016	5	66001	MSS01PER	1	0	0	0	100	100
2016	5	11001	MSS04VEN	1	0	0	0	100	100
2016	5	11001	HLR02VEN	2	0	0	0	100	100
2016	5	68001	HSS01BUC	2	0	0	0	100	100
2016	5	68001	MSS02BUC	1	0	0	0	100	100
2016	5	13001	HLR01CAR	2	0	0	0	100	100
2016	5	76001	MSS01ING	1	0	0	0	100	100
2016	5	11001	MSS06ARA	1	0	0	0	100	100
2016	5	11001	MSS01VEN	1	0	0	0	100	100
2016	5	76001	MSS02CAL	1	0	0	0	100	100
2016	5	11001	HLR01VEN	2	0	0	0	100	100
2016	5	11001	MSS02TOB	1	0	0	0	100	100
2016	5	11001	MSS03ARA	1	0	0	0	100	100
2016	5	68001	MSS03BUC	1	0	0	0	100	100
2016	5	11001	MSS02VEN	1	0	0	0	100	100
2016	5	76001	MSS04CAL	1	0	0	0	100	100
2016	5	11001	MSC02PRA	1	0	0	0	100	100
2016	5	11001	HLR01FON	2	0	0	0	100	100
2016	5	76001	MSS03CAL	1	0	0	0	100	100
2016	5	5001	MSS04MED	1	0	0	0	100	100
2016	5	11001	MSS03PER	1	0	0	0	100	100
2016	5	11001	MSC01FON	1	0	0	0	100	100
2016	5	8001	MSS03BAR	1	0	0	0	100	100
2016	5	11001	MSS05ARA	1	0	0	0	100	100
2016	5	8001	MSS04BAR	1	0	0	0	100	100
2016	5	11001	MSS03VEN	1	0	0	0	100	100
2016	5	11001	MSS01TOB	1	0	0	0	100	100
2016	5	13001	MSS01CAR	1	0	0	0	100	100
2016	5	11001	MSS01ARA	1	0	0	0	100	100
2016	5	11001	MSC01PRA	1	0	0	0	100	100
2016	5	11001	HLR02ARA	2	0	0	0	100	100
2016	5	68001	MSS01BUC	1	0	0	0	100	100
2016	5	8001	MSS02ALK	1	0	0	0	100	100
2016	5	5001	MSS06MED	1	0	0	0	100	100
2016	5	5001	MSS03MED	1	0	0	0	100	100
2016	5	70001	MSS01SIN	1	0	0	0	100	100
2016	5	5001	HLR02MED	2	0	0	0	100	100
2016	5	11001	MSS07VEN	1	0	0	0	100	100
2016	5	52001	MSS01PAS	1	0	0	0	100	100
2016	5	5001	MSS02MED	1	0	0	0	100	100
2016	5	76001	MSC01CAL	1	0	0	0	100	100
2016	5	70001	MSS02SIN	1	0	0	0	100	100
2016	5	5001	HLR01MED	2	0	0	0	100	100
2016	5	5001	MSS05MED	1	0	0	0	100	100
2016	5	11001	MSS07ARA	1	0	0	0	100	100
2016	5	8001	MSS01BAR	1	0	0	0	100	100
2016	5	76001	HSS01ING	2	0	0	0	100	100
2016	5	11001	MSS04ARA	1	0	0	0	100	100
2016	5	11001	MSS05VEN	1	0	0	0	100	100
2016	5	66001	MSS02PER	1	0	0	0	100	100
2016	5	11001	MSS03PRA	1	0	0	0	100	100
2016	5	11001	HLR01PRA	2	0	0	0	100	100
2016	5	11001	MSS06VEN	1	0	0	0	100	100
2016	5	11001	SDP1	3	0	0	0	100	100
2016	5	11001	SDP2	3	0	0	0	100	100
2016	5	11001	SDP3	3	0	0	0	100	100
2016	5	11001	SDP4	3	0	0	0	100	100
2016	5	11001	SDP5	3	0	0	0	100	100
2016	5	11001	SDP7	3	0	0	0	100	100
2016	5	11001	SDP6	3	0	0	0	100	100
2016	5	11001	SDP8	3	0	0	0	100	100
2016	5	11001	SDP9	3	0	0	0	100	100
2016	5	11001	SDP10	3	0	0	0	100	100
2016	5	11001	SDP11	3	0	0	0	100	100
2016	5	11001	SDP12	3	0	0	0	100	100
2016	5	11001	SDP13	3	0	0	0	100	100
2016	5	11001	SDP14	3	0	0	0	100	100
2016	5	11001	SDP15	3	0	0	0	100	100
2016	5	11001	SDP16	3	0	0	0	100	100
2016	5	11001	SDP17	3	0	0	0	100	100
2016	5	11001	SDP18	3	0	0	0	100	100
2016	5	11001	SDP19	3	0	0	0	100	100
2016	5	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – JUNIO 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO ID ELEMENTO	ID ELEMENTO_RED	INDISPON_INICIO_PERIODO	INDISPON_PERIODO_ACTUAL	INDISPON_FIN_PERIODO_ACTUAL	PORC_DISPONIBILIDAD_MENSUAL	PORC_DISPONIBILIDAD_ACUMULADO
2016	6	88001	MSS01SAI	1	0	0	0	100	100
2016	6	11001	MSS02FON	1	0	0	0	100	100
2016	6	11001	HLR01ARA	2	0	0	0	100	100
2016	6	8001	MSS01ALK	1	0	0	0	100	100
2016	6	76001	HLR01CAL	2	0	0	0	100	100
2016	6	11001	MSS02ARA	1	0	0	0	100	100
2016	6	25286	MSS01TRI	1	0	0	0	100	100
2016	6	66001	MSS01PER	1	0	0	0	100	100
2016	6	11001	MSS04VEN	1	0	0	0	100	100
2016	6	11001	HLR02VEN	2	0	0	0	100	100
2016	6	68001	HSS01BUC	2	0	0	0	100	100
2016	6	68001	MSS02BUC	1	0	0	0	100	100
2016	6	13001	HLR01CAR	2	0	0	0	100	100
2016	6	76001	MSS01ING	1	0	0	0	100	100
2016	6	11001	MSS06ARA	1	0	0	0	100	100
2016	6	11001	MSS01VEN	1	0	0	0	100	100
2016	6	76001	MSS02CAL	1	0	0	0	100	100
2016	6	11001	HLR01VEN	2	0	0	0	100	100
2016	6	11001	MSS02TOB	1	0	0	0	100	100
2016	6	11001	MSS03ARA	1	0	0	0	100	100
2016	6	68001	MSS03BUC	1	0	0	0	100	100
2016	6	11001	MSS02VEN	1	0	0	0	100	100
2016	6	76001	MSS04CAL	1	0	0	0	100	100
2016	6	11001	MSS02PRA	1	0	0	0	100	100
2016	6	11001	HLR01FON	2	0	0	0	100	100
2016	6	76001	MSS03CAL	1	0	0	0	100	100
2016	6	5001	MSS04MED	1	0	0	0	100	100
2016	6	11001	MSS03PER	1	0	0	0	100	100
2016	6	11001	MSS01FON	1	0	0	0	100	100
2016	6	8001	MSS03BAR	1	0	0	0	100	100
2016	6	11001	MSS05ARA	1	0	0	0	100	100
2016	6	8001	MSS04BAR	1	0	0	0	100	100
2016	6	11001	MSS03VEN	1	0	0	0	100	100
2016	6	11001	MSS01TOB	1	0	0	0	100	100
2016	6	13001	MSS01CAR	1	0	0	0	100	100
2016	6	11001	MSS01ARA	1	0	0	0	100	100
2016	6	11001	MSS01PRA	1	0	0	0	100	100
2016	6	11001	HLR02ARA	2	0	0	0	100	100
2016	6	68001	MSS01BUC	1	0	0	0	100	100
2016	6	8001	MSS02ALK	1	0	0	0	100	100
2016	6	5001	MSS06MED	1	0	0	0	100	100
2016	6	5001	MSS03MED	1	0	0	0	100	100
2016	6	70001	MSS01SIN	1	0	0	0	100	100
2016	6	5001	HLR02MED	2	0	0	0	100	100
2016	6	11001	MSS07VEN	1	0	0	0	100	100
2016	6	52001	MSS01PAS	1	0	0	0	100	100
2016	6	5001	MSS02MED	1	0	0	0	100	100
2016	6	76001	MSS01CAL	1	0	0	0	100	100
2016	6	70001	MSS02SIN	1	0	0	0	100	100
2016	6	5001	HLR01MED	2	0	0	0	100	100
2016	6	5001	MSS05MED	1	0	0	0	100	100
2016	6	11001	MSS07ARA	1	0	0	0	100	100
2016	6	8001	MSS01BAR	1	0	0	0	100	100
2016	6	76001	HSS01ING	2	0	0	0	100	100
2016	6	11001	MSS04ARA	1	0	0	0	100	100
2016	6	11001	MSS05VEN	1	0	0	0	100	100
2016	6	66001	MSS02PER	1	0	0	0	100	100
2016	6	11001	MSS03PRA	1	0	0	0	100	100
2016	6	11001	HLR01PRA	2	0	0	0	100	100
2016	6	11001	MSS06VEN	1	0	0	0	100	100
2016	6	11001	SDP1	3	0	0	0	100	100
2016	6	11001	SDP2	3	0	0	0	100	100
2016	6	11001	SDP3	3	0	0	0	100	100
2016	6	11001	SDP4	3	0	0	0	100	100
2016	6	11001	SDP5	3	0	0	0	100	100
2016	6	11001	SDP7	3	0	0	0	100	100
2016	6	11001	SDP6	3	0	0	0	100	100
2016	6	11001	SDP8	3	0	0	0	100	100
2016	6	11001	SDP9	3	0	0	0	100	100
2016	6	11001	SDP10	3	0	0	0	100	100
2016	6	11001	SDP11	3	0	0	0	100	100
2016	6	11001	SDP12	3	0	0	0	100	100
2016	6	11001	SDP13	3	0	0	0	100	100
2016	6	11001	SDP14	3	0	0	0	100	100
2016	6	11001	SDP15	3	0	0	0	100	100
2016	6	11001	SDP16	3	0	0	0	100	100
2016	6	11001	SDP17	3	0	0	0	100	100
2016	6	11001	SDP18	3	0	0	0	100	100
2016	6	11001	SDP19	3	0	0	0	100	100
2016	6	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – JULIO 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO ID ELEMENTO	ID_ELEMENTO_RED	INDISPON_INICIO PERIODO	INDISPON_PERIODO ACTUAL	INDISPON_FIN PERIODO ACTUAL	PORC_DISPONIBILIDAD_MENSUAL	PORC_DISPONIBILIDAD_ACUMULADO
2016	7	88001	MSS01SAI	1	0	0	0	100	100
2016	7	11001	MSS02FON	1	0	0	0	100	100
2016	7	11001	HLR01ARA	2	0	0	0	100	100
2016	7	8001	MSS01ALK	1	0	0	0	100	100
2016	7	76001	HLR01CAL	2	0	0	0	100	100
2016	7	11001	MSS02ARA	1	0	0	0	100	100
2016	7	66001	MSS01PER	1	0	0	0	100	100
2016	7	11001	MSS04VEN	1	0	0	0	100	100
2016	7	11001	HLR02VEN	2	0	0	0	100	100
2016	7	68001	HSS01BUC	2	0	0	0	100	100
2016	7	68001	MSS02BUC	1	0	0	0	100	100
2016	7	13001	HLR01CAR	2	0	0	0	100	100
2016	7	76001	MSS01ING	1	0	0	0	100	100
2016	7	11001	MSS06ARA	1	0	0	0	100	100
2016	7	11001	MSS01VEN	1	0	0	0	100	100
2016	7	76001	MSS02CAL	1	0	0	0	100	100
2016	7	11001	HLR01VEN	2	0	0	0	100	100
2016	7	11001	MSS02TOB	1	0	0	0	100	100
2016	7	11001	MSS03ARA	1	0	0	0	100	100
2016	7	68001	MSS03BUC	1	0	0	0	100	100
2016	7	11001	MSS02VEN	1	0	0	0	100	100
2016	7	76001	MSS04CAL	1	0	0	0	100	100
2016	7	11001	MSC02PRA	1	0	0	0	100	100
2016	7	11001	HLR01FON	2	0	0	0	100	100
2016	7	76001	MSS03CAL	1	0	0	0	100	100
2016	7	5001	MSS04MED	1	0	0	0	100	100
2016	7	11001	MSS03PER	1	0	0	0	100	100
2016	7	11001	MSC01FON	1	0	0	0	100	100
2016	7	8001	MSS03BAR	1	0	0	0	100	100
2016	7	11001	MSS05ARA	1	0	0	0	100	100
2016	7	8001	MSS04BAR	1	0	0	0	100	100
2016	7	11001	MSS03VEN	1	0	0	0	100	100
2016	7	11001	MSS01TOB	1	0	0	0	100	100
2016	7	13001	MSS01CAR	1	0	0	0	100	100
2016	7	11001	MSS01ARA	1	0	0	0	100	100
2016	7	11001	MSC01PRA	1	0	0	0	100	100
2016	7	11001	HLR02ARA	2	0	0	0	100	100
2016	7	68001	MSS01BUC	1	0	0	0	100	100
2016	7	8001	MSS02ALK	1	0	0	0	100	100
2016	7	5001	MSS06MED	1	0	0	0	100	100
2016	7	5001	MSS03MED	1	0	0	0	100	100
2016	7	70001	MSS01SIN	1	0	0	0	100	100
2016	7	5001	HLR02MED	2	0	0	0	100	100
2016	7	11001	MSS07VEN	1	0	0	0	100	100
2016	7	52001	MSS01PAS	1	0	0	0	100	100
2016	7	5001	MSS02MED	1	0	0	0	100	100
2016	7	76001	MSC01CAL	1	0	0	0	100	100
2016	7	70001	MSS02SIN	1	0	0	0	100	100
2016	7	5001	HLR01MED	2	0	0	0	100	100
2016	7	5001	MSS05MED	1	0	0	0	100	100
2016	7	11001	MSS07ARA	1	0	0	0	100	100
2016	7	8001	MSS01BAR	1	0	0	0	100	100
2016	7	25286	MSS01TRI	1	0	0	0	100	100
2016	7	11001	MSS01PRA	1	0	0	0	100	100
2016	7	76001	HSS01ING	2	0	0	0	100	100
2016	7	11001	MSS04ARA	1	0	0	0	100	100
2016	7	11001	MSS05VEN	1	0	0	0	100	100
2016	7	66001	MSS02PER	1	0	0	0	100	100
2016	7	11001	MSS03PRA	1	0	0	0	100	100
2016	7	11001	HLR01PRA	2	0	0	0	100	100
2016	7	11001	MSS06VEN	1	0	0	0	100	100
2016	7	11001	SDP1	3	0	0	0	100	100
2016	7	11001	SDP2	3	0	0	0	100	100
2016	7	11001	SDP3	3	0	0	0	100	100
2016	7	11001	SDP4	3	0	0	0	100	100
2016	7	11001	SDP5	3	0	0	0	100	100
2016	7	11001	SDP7	3	0	0	0	100	100
2016	7	11001	SDP6	3	0	0	0	100	100
2016	7	11001	SDP8	3	0	0	0	100	100
2016	7	11001	SDP9	3	0	0	0	100	100
2016	7	11001	SDP10	3	0	0	0	100	100
2016	7	11001	SDP11	3	0	0	0	100	100
2016	7	11001	SDP12	3	0	0	0	100	100
2016	7	11001	SDP13	3	0	0	0	100	100
2016	7	11001	SDP14	3	0	0	0	100	100
2016	7	11001	SDP15	3	0	0	0	100	100
2016	7	11001	SDP16	3	0	0	0	100	100
2016	7	11001	SDP17	3	0	0	0	100	100
2016	7	11001	SDP18	3	0	0	0	100	100
2016	7	11001	SDP19	3	0	0	0	100	100
2016	7	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – AGOSTO 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO_ID_ELEMENTO	ID_ELEMENTO_RED	INDISPON_INICIO_PERIODO	INDISPON_PERIODO_ACTUAL	INDISPON_FIN_PERIODO_ACTUAL	PORC_DISPONIBILIDAD_MENSUAL	PORC_DISPONIBILIDAD_ACUMULADO
2016	8	88001	MSS01SAI	1	0	0	0	100	100
2016	8	11001	MSS02FON	1	0	0	0	100	100
2016	8	11001	HLR01ARA	2	0	0	0	100	100
2016	8	8001	MSS01ALK	1	0	0	0	100	100
2016	8	76001	HLR01CAL	2	0	0	0	100	100
2016	8	11001	MSS02ARA	1	0	0	0	100	100
2016	8	66001	MSS01PER	1	0	0	0	100	100
2016	8	11001	MSS04VEN	1	0	0	0	100	100
2016	8	11001	HLR02VEN	2	0	0	0	100	100
2016	8	68001	HSS01BUC	2	0	0	0	100	100
2016	8	68001	MSS02BUC	1	0	0	0	100	100
2016	8	13001	HLR01CAR	2	0	0	0	100	100
2016	8	76001	MSS01ING	1	0	0	0	100	100
2016	8	11001	MSS06ARA	1	0	0	0	100	100
2016	8	11001	MSS01VEN	1	0	0	0	100	100
2016	8	76001	MSS02CAL	1	0	0	0	100	100
2016	8	11001	HLR01VEN	2	0	0	0	100	100
2016	8	11001	MSS02TOB	1	0	0	0	100	100
2016	8	11001	MSS03ARA	1	0	0	0	100	100
2016	8	68001	MSS03BUC	1	0	0	0	100	100
2016	8	11001	MSS02VEN	1	0	0	0	100	100
2016	8	76001	MSS04CAL	1	0	0	0	100	100
2016	8	11001	MSS02PRA	1	0	0	0	100	100
2016	8	11001	HLR01FON	2	0	0	0	100	100
2016	8	76001	MSS03CAL	1	0	0	0	100	100
2016	8	5001	MSS04MED	1	0	0	0	100	100
2016	8	11001	MSS03PER	1	0	0	0	100	100
2016	8	11001	MSS01FON	1	0	0	0	100	100
2016	8	8001	MSS03BAR	1	0	0	0	100	100
2016	8	11001	MSS05ARA	1	0	0	0	100	100
2016	8	8001	MSS04BAR	1	0	0	0	100	100
2016	8	11001	MSS03VEN	1	0	0	0	100	100
2016	8	11001	MSS01TOB	1	0	0	0	100	100
2016	8	13001	MSS01CAR	1	0	0	0	100	100
2016	8	11001	MSS01ARA	1	0	0	0	100	100
2016	8	11001	MSS01PRA	1	0	0	0	100	100
2016	8	11001	HLR02ARA	2	0	0	0	100	100
2016	8	68001	MSS01BUC	1	0	0	0	100	100
2016	8	8001	MSS02ALK	1	0	0	0	100	100
2016	8	5001	MSS06MED	1	0	0	0	100	100
2016	8	5001	MSS03MED	1	0	0	0	100	100
2016	8	70001	MSS01SIN	1	0	0	0	100	100
2016	8	5001	HLR02MED	2	0	0	0	100	100
2016	8	11001	MSS07VEN	1	0	0	0	100	100
2016	8	52001	MSS01PAS	1	0	0	0	100	100
2016	8	5001	MSS02MED	1	0	0	0	100	100
2016	8	76001	MSS01CAL	1	0	0	0	100	100
2016	8	70001	MSS02SIN	1	0	0	0	100	100
2016	8	5001	HLR01MED	2	0	0	0	100	100
2016	8	5001	MSS05MED	1	0	0	0	100	100
2016	8	11001	MSS07ARA	1	0	0	0	100	100
2016	8	8001	MSS01BAR	1	0	0	0	100	100
2016	8	25286	MSS01R01	1	0	0	0	100	100
2016	8	11001	MSS01R01	1	0	0	0	100	100
2016	8	76001	HSS01ING	2	0	0	0	100	100
2016	8	11001	MSS04ARA	1	0	0	0	100	100
2016	8	11001	MSS05VEN	1	0	0	0	100	100
2016	8	66001	MSS02PER	1	0	0	0	100	100
2016	8	11001	MSS03PRA	1	0	0	0	100	100
2016	8	11001	HLR01PRA	2	0	0	0	100	100
2016	8	11001	MSS06VEN	1	0	0	0	100	100
2016	8	11001	SDP1	3	0	0	0	100	100
2016	8	11001	SDP2	3	0	0	0	100	100
2016	8	11001	SDP3	3	0	0	0	100	100
2016	8	11001	SDP4	3	0	0	0	100	100
2016	8	11001	SDP5	3	0	0	0	100	100
2016	8	11001	SDP7	3	0	0	0	100	100
2016	8	11001	SDP6	3	0	0	0	100	100
2016	8	11001	SDP8	3	0	0	0	100	100
2016	8	11001	SDP9	3	0	0	0	100	100
2016	8	11001	SDP10	3	0	0	0	100	100
2016	8	11001	SDP11	3	0	0	0	100	100
2016	8	11001	SDP12	3	0	0	0	100	100
2016	8	11001	SDP13	3	0	0	0	100	100
2016	8	11001	SDP14	3	0	0	0	100	100
2016	8	11001	SDP15	3	0	0	0	100	100
2016	8	11001	SDP16	3	0	0	0	100	100
2016	8	11001	SDP17	3	0	0	0	100	100
2016	8	11001	SDP18	3	0	0	0	100	100
2016	8	11001	SDP19	3	0	0	0	100	100
2016	8	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – SEPTIEMBRE 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO_ID_ELEMENTO	ID_ELEMENTO_RED	INDISPON_INICIO_PERIODO	INDISPON_PERIODO_ACTUAL	INDISPON_FIN_PERIODO_ACTUAL	PORC_DISPONIBILIDAD_MENSUAL	PORC_DISPONIBILIDAD_ACUMULADO
2016	9	88001	MSS01SAI	1	0	0	0	100	100
2016	9	11001	MSS02FON	1	0	0	0	100	100
2016	9	11001	HLR01ARA	2	0	0	0	100	100
2016	9	8001	MSS01ALK	1	0	0	0	100	100
2016	9	76001	HLR01CAL	2	0	0	0	100	100
2016	9	11001	MSS02ARA	1	0	0	0	100	100
2016	9	66001	MSS01PER	1	0	0	0	100	100
2016	9	11001	MSS04VEN	1	0	0	0	100	100
2016	9	11001	HLR02VEN	2	0	0	0	100	100
2016	9	68001	HSS01BUC	2	0	0	0	100	100
2016	9	68001	MSS02BUC	1	0	0	0	100	100
2016	9	13001	HLR01CAR	2	0	0	0	100	100
2016	9	76001	MSS01ING	1	0	0	0	100	100
2016	9	11001	MSS06ARA	1	0	0	0	100	100
2016	9	11001	MSS01VEN	1	0	0	0	100	100
2016	9	76001	MSS02CAL	1	0	0	0	100	100
2016	9	11001	HLR01VEN	2	0	0	0	100	100
2016	9	11001	MSS02TOB	1	0	0	0	100	100
2016	9	11001	MSS03ARA	1	0	0	0	100	100
2016	9	68001	MSS03BUC	1	0	0	0	100	100
2016	9	11001	MSS02VEN	1	0	0	0	100	100
2016	9	76001	MSS04CAL	1	0	0	0	100	100
2016	9	11001	MSC02PRA	1	0	0	0	100	100
2016	9	11001	HLR01FON	2	0	0	0	100	100
2016	9	76001	MSS03CAL	1	0	0	0	100	100
2016	9	5001	MSS04MED	1	0	0	0	100	100
2016	9	11001	MSS03PER	1	0	0	0	100	100
2016	9	11001	MSC01FON	1	0	0	0	100	100
2016	9	8001	MSS03BAR	1	0	0	0	100	100
2016	9	11001	MSS05ARA	1	0	0	0	100	100
2016	9	8001	MSS04BAR	1	0	0	0	100	100
2016	9	11001	MSS03VEN	1	0	0	0	100	100
2016	9	11001	MSS01TOB	1	0	0	0	100	100
2016	9	13001	MSS01CAR	1	0	0	0	100	100
2016	9	11001	MSS01ARA	1	0	0	0	100	100
2016	9	11001	MSC01PRA	1	0	0	0	100	100
2016	9	11001	HLR02ARA	2	0	0	0	100	100
2016	9	68001	MSS01BUC	1	0	0	0	100	100
2016	9	8001	MSS02ALK	1	0	0	0	100	100
2016	9	5001	MSS06MED	1	0	0	0	100	100
2016	9	5001	MSS03MED	1	0	0	0	100	100
2016	9	70001	MSS01SIN	1	0	0	0	100	100
2016	9	5001	HLR02MED	2	0	0	0	100	100
2016	9	11001	MSS07VEN	1	0	0	0	100	100
2016	9	52001	MSS01PAS	1	0	0	0	100	100
2016	9	5001	MSS02MED	1	0	0	0	100	100
2016	9	76001	MSC01CAL	1	0	0	0	100	100
2016	9	70001	MSS02SIN	1	0	0	0	100	100
2016	9	5001	HLR01MED	2	0	0	0	100	100
2016	9	5001	MSS05MED	1	0	0	0	100	100
2016	9	11001	MSS07ARA	1	0	0	0	100	100
2016	9	8001	MSS01BAR	1	0	0	0	100	100
2016	9	25286	MSS01R01	1	0	0	0	100	100
2016	9	11001	MSS01R01	1	0	0	0	100	100
2016	9	76001	HSS01ING	2	0	0	0	100	100
2016	9	11001	MSS04ARA	1	0	0	0	100	100
2016	9	11001	MSS05VEN	1	0	0	0	100	100
2016	9	66001	MSS02PER	1	0	0	0	100	100
2016	9	11001	MSS03PRA	1	0	0	0	100	100
2016	9	11001	HLR01PRA	2	0	0	0	100	100
2016	9	11001	MSS06VEN	1	0	0	0	100	100
2016	9	11001	SDP1	3	0	0	0	100	100
2016	9	11001	SDP2	3	0	0	0	100	100
2016	9	11001	SDP3	3	0	0	0	100	100
2016	9	11001	SDP4	3	0	0	0	100	100
2016	9	11001	SDP5	3	0	0	0	100	100
2016	9	11001	SDP7	3	0	0	0	100	100
2016	9	11001	SDP6	3	0	0	0	100	100
2016	9	11001	SDP8	3	0	0	0	100	100
2016	9	11001	SDP9	3	0	0	0	100	100
2016	9	11001	SDP10	3	0	0	0	100	100
2016	9	11001	SDP11	3	0	0	0	100	100
2016	9	11001	SDP12	3	0	0	0	100	100
2016	9	11001	SDP13	3	0	0	0	100	100
2016	9	11001	SDP14	3	0	0	0	100	100
2016	9	11001	SDP15	3	0	0	0	100	100
2016	9	11001	SDP16	3	0	0	0	100	100
2016	9	11001	SDP17	3	0	0	0	100	100
2016	9	11001	SDP18	3	0	0	0	100	100
2016	9	11001	SDP19	3	0	0	0	100	100
2016	9	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – OCTUBRE 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO_ID_ELEMENTO	ID_ELEMENTO_RED	INDISPON_INICIO_PERIODO	INDISPON_PERIODO_ACTUAL	INDISPON_FIN_PERIODO_ACTUAL	PORC_DISPONIBILIDAD_MENSUAL	PORC_DISPONIBILIDAD_ACUMULADO
2016	10	88001	MSS01SAI	1	0	0	0	100	100
2016	10	11001	MSS02FON	1	0	0	0	100	100
2016	10	11001	HLR01ARA	2	0	0	0	100	100
2016	10	8001	MSS01ALK	1	0	0	0	100	100
2016	10	76001	HLR01CAL	2	0	0	0	100	100
2016	10	11001	MSS02ARA	1	0	0	0	100	100
2016	10	66001	MSS01PER	1	0	0	0	100	100
2016	10	11001	MSS04VEN	1	0	0	0	100	100
2016	10	11001	HLR02VEN	2	0	0	0	100	100
2016	10	68001	HSS01BUC	2	0	0	0	100	100
2016	10	68001	MSS02BUC	1	0	0	0	100	100
2016	10	13001	HLR01CAR	2	0	0	0	100	100
2016	10	76001	MSS01ING	1	0	0	0	100	100
2016	10	11001	MSS06ARA	1	0	0	0	100	100
2016	10	11001	MSS01VEN	0	0	0	0	100	100
2016	10	76001	MSS02CAL	1	0	0	0	100	100
2016	10	11001	HLR01VEN	2	0	0	0	100	100
2016	10	11001	MSS02TOB	1	0	0	0	100	100
2016	10	11001	MSS03ARA	1	0	0	0	100	100
2016	10	68001	MSS03BUC	1	0	0	0	100	100
2016	10	11001	MSS02VEN	1	0	0	0	100	100
2016	10	76001	MSS04CAL	1	0	0	0	100	100
2016	10	11001	MSC02PRA	1	0	0	0	100	100
2016	10	11001	HLR01FON	2	0	0	0	100	100
2016	10	76001	MSS03CAL	1	0	0	0	100	100
2016	10	5001	MSS04MED	1	0	0	0	100	100
2016	10	11001	MSS03PER	1	0	0	0	100	100
2016	10	11001	MSC01FON	1	0	0	0	100	100
2016	10	8001	MSS03BAR	1	0	0	0	100	100
2016	10	11001	MSS05ARA	1	0	0	0	100	100
2016	10	8001	MSS04BAR	1	0	0	0	100	100
2016	10	11001	MSS03VEN	1	0	0	0	100	100
2016	10	11001	MSS01TOB	1	0	0	0	100	100
2016	10	13001	MSS01CAR	1	0	0	0	100	100
2016	10	11001	MSS01ARA	1	0	0	0	100	100
2016	10	11001	MSC01PRA	1	0	0	0	100	100
2016	10	11001	HLR02ARA	2	0	0	0	100	100
2016	10	68001	MSS01BUC	1	0	0	0	100	100
2016	10	8001	MSS02ALK	1	0	0	0	100	100
2016	10	5001	MSS06MED	1	0	0	0	100	100
2016	10	5001	MSS03MED	1	0	0	0	100	100
2016	10	70001	MSS01SIN	1	0	0	0	100	100
2016	10	5001	HLR02MED	2	0	0	0	100	100
2016	10	11001	MSS07VEN	1	0	0	0	100	100
2016	10	52001	MSS01PAS	1	0	0	0	100	100
2016	10	5001	MSS02MED	1	0	0	0	100	100
2016	10	76001	MSC01CAL	1	0	0	0	100	100
2016	10	70001	MSS02SIN	1	0	0	0	100	100
2016	10	5001	HLR01MED	2	0	0	0	100	100
2016	10	5001	MSS05MED	1	0	0	0	100	100
2016	10	11001	MSS07ARA	1	0	0	0	100	100
2016	10	8001	MSS01BAR	1	0	0	0	100	100
2016	10	25286	MSSTRI01	1	0	0	0	100	100
2016	10	11001	MSSPRA01	1	0	0	0	100	100
2016	10	76001	HSS01ING	2	0	0	0	100	100
2016	10	11001	MSS04ARA	1	0	0	0	100	100
2016	10	11001	MSS05VEN	1	0	0	0	100	100
2016	10	66001	MSS02PER	1	0	0	0	100	100
2016	10	11001	MSS03PRA	1	0	0	0	100	100
2016	10	11001	HLR01PRA	2	0	0	0	100	100
2016	10	11001	MSS06VEN	1	0	0	0	100	100
2016	10	11001	SDP1	3	0	0	0	100	100
2016	10	11001	SDP2	3	0	0	0	100	100
2016	10	11001	SDP3	3	0	0	0	100	100
2016	10	11001	SDP4	3	0	0	0	100	100
2016	10	11001	SDP5	3	0	0	0	100	100
2016	10	11001	SDP7	3	0	0	0	100	100
2016	10	11001	SDP6	3	0	0	0	100	100
2016	10	11001	SDP8	3	0	0	0	100	100
2016	10	11001	SDP9	3	0	0	0	100	100
2016	10	11001	SDP10	3	0	0	0	100	100
2016	10	11001	SDP11	3	0	0	0	100	100
2016	10	11001	SDP12	3	0	0	0	100	100
2016	10	11001	SDP13	3	0	0	0	100	100
2016	10	11001	SDP14	3	0	0	0	100	100
2016	10	11001	SDP15	3	0	0	0	100	100
2016	10	11001	SDP16	3	0	0	0	100	100
2016	10	11001	SDP17	3	0	0	0	100	100
2016	10	11001	SDP18	3	0	0	0	100	100
2016	10	11001	SDP19	3	0	0	0	100	100
2016	10	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – NOVIEMBRE 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO ID ELEMENTO	ID ELEMENTO RED	INDISPON INICIO PERIODO	INDISPON PERIODO ACTUAL	INDISPON FIN PERIODO ACTUAL	PORC DISPONIBILIDAD MENSUAL	PORC DISPONIBILIDAD ACUMULADO
2016	11	11001	HLR01ARA	2	0	0	0	100	100
2016	11	76001	HLR01CAL	2	0	0	0	100	100
2016	11	13001	HLR01CAR	2	0	0	0	100	100
2016	11	11001	HLR01FON	2	0	0	0	100	100
2016	11	5001	HLR01MED	2	0	0	0	100	100
2016	11	11001	HLR01PRA	2	0	0	0	100	100
2016	11	11001	HLR01VEN	2	0	0	0	100	100
2016	11	11001	HLR02ARA	2	0	0	0	100	100
2016	11	68001	MSS01BUC	1	0	0	0	100	100
2016	11	13001	MSS01CAR	1	0	0	0	100	100
2016	11	76001	MSS01ING	1	0	0	0	100	100
2016	11	52001	MSS01PAS	1	0	0	0	100	100
2016	11	66001	MSS01PER	1	0	0	0	100	100
2016	11	88001	MSS01SAI	1	0	0	0	100	100
2016	11	70001	MSS01SIN	1	0	0	0	100	100
2016	11	11001	MSS01TOB	1	0	0	0	100	100
2016	11	11001	MSS01VEN	1	0	0	0	100	100
2016	11	8001	MSS02ALK	1	0	0	0	100	100
2016	11	11001	MSS02ARA	1	0	0	0	100	100
2016	11	68001	MSS02BUC	1	0	0	0	100	100
2016	11	76001	MSS02CAL	1	0	0	0	100	100
2016	11	11001	MSS02FON	1	0	0	0	100	100
2016	11	5001	MSS02MED	1	0	0	0	100	100
2016	11	66001	MSS02PER	1	0	0	0	100	100
2016	11	70001	MSS02SIN	1	0	0	0	100	100
2016	11	11001	MSS02TOB	1	0	0	0	100	100
2016	11	11001	MSS02VEN	1	0	0	0	100	100
2016	11	11001	MSS03ARA	1	0	0	0	100	100
2016	11	8001	MSS03BAR	1	0	0	0	100	100
2016	11	68001	MSS03BUC	1	0	0	0	100	100
2016	11	76001	MSS03CAL	1	0	0	0	100	100
2016	11	5001	MSS03MED	1	0	0	0	100	100
2016	11	11001	MSS03PER	1	0	0	0	100	100
2016	11	11001	MSS03PRA	1	0	0	0	100	100
2016	11	11001	MSS03VEN	1	0	0	0	100	100
2016	11	11001	MSS04ARA	1	0	0	0	100	100
2016	11	8001	MSS04BAR	1	0	0	0	100	100
2016	11	76001	MSS04CAL	1	0	0	0	100	100
2016	11	5001	MSS04MED	1	0	0	0	100	100
2016	11	11001	MSS04VEN	1	0	0	0	100	100
2016	11	11001	MSS05ARA	1	0	0	0	100	100
2016	11	5001	HLR02MED	2	0	0	0	100	100
2016	11	11001	HLR02VEN	2	0	0	0	100	100
2016	11	68001	HSS01BUC	2	0	0	0	100	100
2016	11	76001	HSS01ING	2	0	0	0	100	100
2016	11	76001	MSC01CAL	1	0	0	0	100	100
2016	11	11001	MSC01FON	1	0	0	0	100	100
2016	11	11001	MSC01PRA	1	0	0	0	100	100
2016	11	11001	MSC02PRA	1	0	0	0	100	100
2016	11	8001	MSS01ALK	1	0	0	0	100	100
2016	11	11001	MSS01ARA	1	0	0	0	100	100
2016	11	8001	MSS01BAR	1	0	0	0	100	100
2016	11	5001	MSS05MED	1	0	0	0	100	100
2016	11	11001	MSS05VEN	1	0	0	0	100	100
2016	11	11001	MSS06ARA	1	0	0	0	100	100
2016	11	5001	MSS06MED	1	0	0	0	100	100
2016	11	11001	MSS06VEN	1	0	0	0	100	100
2016	11	11001	MSS07ARA	1	0	0	0	100	100
2016	11	11001	MSS07VEN	1	0	0	0	100	100
2016	11	11001	MSSPRA01	1	0	0	0	100	100
2016	11	25286	MSSTRIO1	1	0	0	0	100	100
2016	11	11001	SDP1	3	0	0	0	100	100
2016	11	11001	SDP2	3	0	0	0	100	100
2016	11	11001	SDP3	3	0	0	0	100	100
2016	11	11001	SDP4	3	0	0	0	100	100
2016	11	11001	SDP5	3	0	0	0	100	100
2016	11	11001	SDP7	3	0	0	0	100	100
2016	11	11001	SDP6	3	0	0	0	100	100
2016	11	11001	SDP8	3	0	0	0	100	100
2016	11	11001	SDP9	3	0	0	0	100	100
2016	11	11001	SDP10	3	0	0	0	100	100
2016	11	11001	SDP11	3	0	0	0	100	100
2016	11	11001	SDP12	3	0	0	0	100	100
2016	11	11001	SDP13	3	0	0	0	100	100
2016	11	11001	SDP14	3	0	0	0	100	100
2016	11	11001	SDP15	3	0	0	0	100	100
2016	11	11001	SDP16	3	0	0	0	100	100
2016	11	11001	SDP17	3	0	0	0	100	100
2016	11	11001	SDP18	3	0	0	0	100	100
2016	11	11001	SDP19	3	0	0	0	100	100
2016	11	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – DICIEMBRE 2016
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO ID ELEMENTO	ID ELEMENTO RED	INDISPON_INICIO PERIODO	INDISPON PERIODO ACTUAL	INDISPON FIN PERIODO ACTUAL	PORC DISPONIBILIDAD MENSUAL	PORC DISPONIBILIDAD ACUMULADO
2016	12	11001	HLR01ARA	2	0	0	0	100	100
2016	12	76001	HLR01CAL	2	0	0	0	100	100
2016	12	13001	HLR01CAR	2	0	0	0	100	100
2016	12	11001	HLR01FON	2	0	0	0	100	100
2016	12	5001	HLR01MED	2	0	0	0	100	100
2016	12	11001	HLR01PRA	2	0	0	0	100	100
2016	12	11001	HLR01VEN	2	0	0	0	100	100
2016	12	11001	HLR02ARA	2	0	0	0	100	100
2016	12	68001	MSS01BUC	1	0	0	0	100	100
2016	12	13001	MSS01CAR	1	0	0	0	100	100
2016	12	76001	MSS01ING	1	0	0	0	100	100
2016	12	52001	MSS01PAS	1	0	0	0	100	100
2016	12	66001	MSS01PER	1	0	0	0	100	100
2016	12	88001	MSS01SAI	1	0	0	0	100	100
2016	12	70001	MSS01SIN	1	0	0	0	100	100
2016	12	11001	MSS01TOB	1	0	0	0	100	100
2016	12	11001	MSS01VEN	1	0	0	0	100	100
2016	12	8001	MSS02ALK	1	0	0	0	100	100
2016	12	11001	MSS02ARA	1	0	0	0	100	100
2016	12	68001	MSS02BUC	1	0	0	0	100	100
2016	12	76001	MSS02CAL	1	0	0	0	100	100
2016	12	11001	MSS02FON	1	0	0	0	100	100
2016	12	5001	MSS02MED	1	0	0	0	100	100
2016	12	66001	MSS02PER	1	0	0	0	100	100
2016	12	70001	MSS02SIN	1	0	0	0	100	100
2016	12	11001	MSS02TOB	1	0	0	0	100	100
2016	12	11001	MSS02VEN	1	0	0	0	100	100
2016	12	11001	MSS03ARA	1	0	0	0	100	100
2016	12	8001	MSS03BAR	1	0	0	0	100	100
2016	12	68001	MSS03BUC	1	0	0	0	100	100
2016	12	76001	MSS03CAL	1	0	0	0	100	100
2016	12	5001	MSS03MED	1	0	0	0	100	100
2016	12	11001	MSS03PER	1	0	0	0	100	100
2016	12	11001	MSS03PRA	1	0	0	0	100	100
2016	12	11001	MSS03VEN	1	0	0	0	100	100
2016	12	11001	MSS04ARA	1	0	0	0	100	100
2016	12	8001	MSS04BAR	1	0	0	0	100	100
2016	12	76001	MSS04CAL	1	0	0	0	100	100
2016	12	5001	MSS04MED	1	0	0	0	100	100
2016	12	11001	MSS04VEN	1	0	0	0	100	100
2016	12	11001	MSS05ARA	1	0	0	0	100	100
2016	12	5001	HLR02MED	2	0	0	0	100	100
2016	12	11001	HLR02VEN	2	0	0	0	100	100
2016	12	68001	HSS01BUC	2	0	0	0	100	100
2016	12	76001	HSS01ING	2	0	0	0	100	100
2016	12	76001	MSC01CAL	1	0	0	0	100	100
2016	12	11001	MSC01FON	1	0	0	0	100	100
2016	12	11001	MSC01PRA	1	0	0	0	100	100
2016	12	11001	MSC02PRA	1	0	0	0	100	100
2016	12	8001	MSS01ALK	1	0	0	0	100	100
2016	12	11001	MSS01ARA	1	0	0	0	100	100
2016	12	8001	MSS01BAR	1	0	0	0	100	100
2016	12	5001	MSS05MED	1	0	0	0	100	100
2016	12	11001	MSS05VEN	1	0	0	0	100	100
2016	12	11001	MSS06ARA	1	0	0	0	100	100
2016	12	5001	MSS06MED	1	0	0	0	100	100
2016	12	11001	MSS06VEN	1	0	0	0	100	100
2016	12	11001	MSS07ARA	1	0	0	0	100	100
2016	12	11001	MSS07VEN	1	0	0	0	100	100
2016	12	11001	MSSPRA01	1	0	0	0	100	100
2016	12	25286	MSSPRA01	1	0	0	0	100	100
2016	12	11001	SDP1	3	0	0	0	100	100
2016	12	11001	SDP2	3	0	0	0	100	100
2016	12	11001	SDP3	3	0	0	0	100	100
2016	12	11001	SDP4	3	0	0	0	100	100
2016	12	11001	SDP5	3	0	0	0	100	100
2016	12	11001	SDP7	3	0	0	0	100	100
2016	12	11001	SDP6	3	0	0	0	100	100
2016	12	11001	SDP8	3	0	0	0	100	100
2016	12	11001	SDP9	3	0	0	0	100	100
2016	12	11001	SDP10	3	0	0	0	100	100
2016	12	11001	SDP11	3	0	0	0	100	100
2016	12	11001	SDP12	3	0	0	0	100	100
2016	12	11001	SDP13	3	0	0	0	100	100
2016	12	11001	SDP14	3	0	0	0	100	100
2016	12	11001	SDP15	3	0	0	0	100	100
2016	12	11001	SDP16	3	0	0	0	100	100
2016	12	11001	SDP17	3	0	0	0	100	100
2016	12	11001	SDP18	3	0	0	0	100	100
2016	12	11001	SDP19	3	0	0	0	100	100
2016	12	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – ENERO 2017
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO_ID_ELEMENTO	ID_ELEMENTO_RED	INDISPON_INICIO_PERIODO	INDISPON_PERIODO_ACTUAL	INDISPON_FIN_PERIODO_ACTUAL	PORC_DISPONIBILIDAD_MENSUAL	PORC_DISPONIBILIDAD_ACUMULADO
2017	1	11001	MSS02TOB	1	0	0	0	100	100
2017	1	11001	MSS02VEN	1	0	0	0	100	100
2017	1	11001	MSS03ARA	1	0	0	0	100	100
2017	1	8001	MSS03BAR	1	0	0	0	100	100
2017	1	68001	MSS03BUC	1	0	0	0	100	100
2017	1	76001	MSS03CAL	1	0	0	0	100	100
2017	1	5001	MSS03MED	1	0	0	0	100	100
2017	1	11001	MSS03PER	1	0	0	0	100	100
2017	1	11001	MSS03PRA	1	0	0	0	100	100
2017	1	11001	MSS03VEN	1	0	0	0	100	100
2017	1	11001	MSS04ARA	1	0	0	0	100	100
2017	1	8001	MSS04BAR	1	0	0	0	100	100
2017	1	76001	MSS04CAL	1	0	0	0	100	100
2017	1	5001	MSS04MED	1	0	0	0	100	100
2017	1	11001	MSS04VEN	1	0	0	0	100	100
2017	1	11001	MSS05ARA	1	0	0	0	100	100
2017	1	5001	MSS05MED	1	0	0	0	100	100
2017	1	11001	MSS05VEN	1	0	0	0	100	100
2017	1	11001	MSS06ARA	1	0	0	0	100	100
2017	1	5001	MSS06MED	1	0	0	0	100	100
2017	1	11001	MSS06VEN	1	0	0	0	100	100
2017	1	11001	MSS07ARA	1	0	0	0	100	100
2017	1	11001	MSS07VEN	1	0	0	0	100	100
2017	1	11001	MSSPRA01	1	0	0	0	100	100
2017	1	25286	MSSTRI01	1	0	0	0	100	100
2017	1	11001	HLR01ARA	2	0	0	0	100	100
2017	1	76001	HLR01CAL	2	0	0	0	100	100
2017	1	13001	HLR01CAR	2	0	0	0	100	100
2017	1	11001	HLR01FON	2	0	0	0	100	100
2017	1	5001	HLR01MED	2	0	0	0	100	100
2017	1	11001	HLR01PRA	2	0	0	0	100	100
2017	1	11001	HLR01VEN	2	0	0	0	100	100
2017	1	11001	HLR02ARA	2	0	0	0	100	100
2017	1	5001	HLR02MED	2	0	0	0	100	100
2017	1	11001	HLR02VEN	2	0	0	0	100	100
2017	1	68001	HSS01BUC	2	0	0	0	100	100
2017	1	76001	HSS01ING	2	0	0	0	100	100
2017	1	76001	MSC01CAL	1	0	0	0	100	100
2017	1	11001	MSC01FON	1	0	0	0	100	100
2017	1	11001	MSC01PRA	1	0	0	0	100	100
2017	1	11001	MSC02PRA	1	0	0	0	100	100
2017	1	8001	MSS01ALK	1	0	0	0	100	100
2017	1	11001	MSS01ARA	1	0	0	0	100	100
2017	1	8001	MSS01BAR	1	0	0	0	100	100
2017	1	68001	MSS01BUC	1	0	0	0	100	100
2017	1	13001	MSS01CAR	1	0	0	0	100	100
2017	1	76001	MSS01ING	1	0	0	0	100	100
2017	1	52001	MSS01PAS	1	0	0	0	100	100
2017	1	66001	MSS01PER	1	0	0	0	100	100
2017	1	88001	MSS01SAI	1	0	0	0	100	100
2017	1	70001	MSS01SIN	1	0	0	0	100	100
2017	1	11001	MSS01TOB	1	0	0	0	100	100
2017	1	11001	MSS01VEN	1	0	0	0	100	100
2017	1	8001	MSS02ALK	1	0	0	0	100	100
2017	1	11001	MSS02ARA	1	0	0	0	100	100
2017	1	68001	MSS02BUC	1	0	0	0	100	100
2017	1	76001	MSS02CAL	1	0	0	0	100	100
2017	1	11001	MSS02FON	1	0	0	0	100	100
2017	1	5001	MSS02MED	1	0	0	0	100	100
2017	1	66001	MSS02PER	1	0	0	0	100	100
2017	1	70001	MSS02SIN	1	0	0	0	100	100
2017	1	11001	SDP1	3	0	0	0	100	100
2017	1	11001	SDP2	3	0	0	0	100	100
2017	1	11001	SDP3	3	0	0	0	100	100
2017	1	11001	SDP4	3	0	0	0	100	100
2017	1	11001	SDP5	3	0	0	0	100	100
2017	1	11001	SDP7	3	0	0	0	100	100
2017	1	11001	SDP6	3	0	0	0	100	100
2017	1	11001	SDP8	3	0	0	0	100	100
2017	1	11001	SDP9	3	0	0	0	100	100
2017	1	11001	SDP10	3	0	0	0	100	100
2017	1	11001	SDP11	3	0	0	0	100	100
2017	1	11001	SDP12	3	0	0	0	100	100
2017	1	11001	SDP13	3	0	0	0	100	100
2017	1	11001	SDP14	3	0	0	0	100	100
2017	1	11001	SDP15	3	0	0	0	100	100
2017	1	11001	SDP16	3	0	0	0	100	100
2017	1	11001	SDP17	3	0	0	0	100	100
2017	1	11001	SDP18	3	0	0	0	100	100
2017	1	11001	SDP19	3	0	0	0	100	100
2017	1	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – FEBRERO 2017
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO ID ELEMENTO	ID ELEMENTO RED	INDISPON INICIO PERIODO	INDISPON PERIODO ACTUAL	INDISPON FIN PERIODO ACTUAL	PORC DISPONIBILIDAD MENSUAL	PORC DISPONIBILIDAD ACUMULADO
2017	2	11001	MSS02VEN	1	0	0	0	100	100
2017	2	88001	MSS01SAI	1	0	0	0	100	100
2017	2	11001	MSS07VEN	1	0	0	0	100	100
2017	2	11001	MSS02FON	1	0	0	0	100	100
2017	2	11001	HLR01ARA	2	0	0	0	100	100
2017	2	66001	MSS02PER	1	0	0	0	100	100
2017	2	8001	MSS01ALK	1	0	0	0	100	100
2017	2	76001	HLR01CAL	2	0	0	0	100	100
2017	2	76001	MSC01CAL	1	0	0	0	100	100
2017	2	11001	MSS03VEN	1	0	0	0	100	100
2017	2	11001	HLR02VEN	2	0	0	0	100	100
2017	2	68001	HSS01BUC	2	0	0	0	100	100
2017	2	68001	MSS02BUC	1	0	0	0	100	100
2017	2	11001	MSS03ARA	1	0	0	0	100	100
2017	2	13001	HLR01CAR	2	0	0	0	100	100
2017	2	76001	MSS01ING	1	0	0	0	100	100
2017	2	11001	MSS06ARA	1	0	0	0	100	100
2017	2	11001	MSS01VEN	1	0	0	0	100	100
2017	2	76001	MSS02CAL	1	0	0	0	100	100
2017	2	11001	HLR01VEN	2	0	0	0	100	100
2017	2	11001	MSS04VEN	1	0	0	0	100	100
2017	2	11001	MSS02TOB	1	0	0	0	100	100
2017	2	11001	MSS02ARA	1	0	0	0	100	100
2017	2	11001	MSS05VEN	1	0	0	0	100	100
2017	2	68001	MSS03BUC	1	0	0	0	100	100
2017	2	11001	MSC01FON	1	0	0	0	100	100
2017	2	76001	MSS04CAL	1	0	0	0	100	100
2017	2	11001	HLR01FON	2	0	0	0	100	100
2017	2	76001	MSS03CAL	1	0	0	0	100	100
2017	2	11001	MSS03PRA	1	0	0	0	100	100
2017	2	5001	MSS04MED	1	0	0	0	100	100
2017	2	11001	MSS03PER	1	0	0	0	100	100
2017	2	11001	MSC02PRA	1	0	0	0	100	100
2017	2	25286	MSSTRI01	1	0	0	0	100	100
2017	2	11001	MSS07ARA	1	0	0	0	100	100
2017	2	8001	MSS03BAR	1	0	0	0	100	100
2017	2	11001	MSS05ARA	1	0	0	0	100	100
2017	2	8001	MSS04BAR	1	0	0	0	100	100
2017	2	11001	MSS01TOB	1	0	0	0	100	100
2017	2	11001	MSSPRA01	1	0	0	0	100	100
2017	2	13001	MSS01CAR	1	0	0	0	100	100
2017	2	11001	HLR02ARA	2	0	0	0	100	100
2017	2	68001	MSS01BUC	1	0	0	0	100	100
2017	2	8001	MSS02ALK	1	0	0	0	100	100
2017	2	5001	MSS06MED	1	0	0	0	100	100
2017	2	11001	MSC01PRA	1	0	0	0	100	100
2017	2	5001	MSS03MED	1	0	0	0	100	100
2017	2	70001	MSS01SIN	1	0	0	0	100	100
2017	2	5001	HLR02MED	2	0	0	0	100	100
2017	2	52001	MSS01PAS	1	0	0	0	100	100
2017	2	5001	MSS02MED	1	0	0	0	100	100
2017	2	70001	MSS02SIN	1	0	0	0	100	100
2017	2	5001	HLR01MED	2	0	0	0	100	100
2017	2	66001	MSS01PER	1	0	0	0	100	100
2017	2	5001	MSS05MED	1	0	0	0	100	100
2017	2	11001	MSS01ARA	1	0	0	0	100	100
2017	2	8001	MSS01BAR	1	0	0	0	100	100
2017	2	76001	HSS01ING	2	0	0	0	100	100
2017	2	11001	MSS04ARA	1	0	0	0	100	100
2017	2	11001	HLR01PRA	2	0	0	0	100	100
2017	2	11001	MSS06VEN	1	0	0	0	100	100
2017	2	11001	SDP1	3	0	0	0	100	100
2017	2	11001	SDP2	3	0	0	0	100	100
2017	2	11001	SDP3	3	0	0	0	100	100
2017	2	11001	SDP4	3	0	0	0	100	100
2017	2	11001	SDP5	3	0	0	0	100	100
2017	2	11001	SDP7	3	0	0	0	100	100
2017	2	11001	SDP6	3	0	0	0	100	100
2017	2	11001	SDP8	3	0	0	0	100	100
2017	2	11001	SDP9	3	0	0	0	100	100
2017	2	11001	SDP10	3	0	0	0	100	100
2017	2	11001	SDP11	3	0	0	0	100	100
2017	2	11001	SDP12	3	0	0	0	100	100
2017	2	11001	SDP13	3	0	0	0	100	100
2017	2	11001	SDP14	3	0	0	0	100	100
2017	2	11001	SDP15	3	0	0	0	100	100
2017	2	11001	SDP16	3	0	0	0	100	100
2017	2	11001	SDP17	3	0	0	0	100	100
2017	2	11001	SDP18	3	0	0	0	100	100
2017	2	11001	SDP19	3	0	0	0	100	100
2017	2	11001	SDP20	3	0	0	0	100	100



OPERADOR COMCEL S.A.
INDICADORES DE CALIDAD COMUNICACIÓN VOZ MOVIL – MARZO 2017
DISPONIBILIDAD ELEMENTOS DE RED

ANNO	MES	ID MUNICIPIO	CODIGO_ID_ELEMENTO	ID_ELEMENTO_RED	INDISPON_INICIO_PERIODO	INDISPON_PERIODO_ACTUAL	INDISPON_FIN_PERIODO_ACTUAL	PORC_DISPONIBILIDAD_MENSUAL	PORC_DISPONIBILIDAD_ACUMULADO
2017	3	11001	MSS02VEN	1	0	0	0	100	100
2017	3	88001	MSS01SAI	1	0	0	0	100	100
2017	3	11001	MSS07VEN	1	0	0	0	100	100
2017	3	11001	MSS02FON	1	0	0	0	100	100
2017	3	11001	HLR01ARA	2	0	0	0	100	100
2017	3	66001	MSS02PER	1	0	0	0	100	100
2017	3	8001	MSS01ALK	1	0	0	0	100	100
2017	3	76001	HLR01CAL	2	0	0	0	100	100
2017	3	76001	MSC01CAL	1	0	0	0	100	100
2017	3	11001	MSS03VEN	1	0	0	0	100	100
2017	3	11001	HLR02VEN	2	0	0	0	100	100
2017	3	68001	HSS01BUC	2	0	0	0	100	100
2017	3	68001	MSS02BUC	1	0	0	0	100	100
2017	3	11001	MSS03ARA	1	0	0	0	100	100
2017	3	13001	HLR01CAR	2	0	0	0	100	100
2017	3	76001	MSS01ING	1	0	0	0	100	100
2017	3	11001	MSS06ARA	1	0	0	0	100	100
2017	3	11001	MSS01VEN	1	0	0	0	100	100
2017	3	76001	MSS02CAL	1	0	0	0	100	100
2017	3	11001	HLR01VEN	2	0	0	0	100	100
2017	3	11001	MSS04VEN	1	0	0	0	100	100
2017	3	11001	MSS02TOB	1	0	0	0	100	100
2017	3	11001	MSS02ARA	1	0	0	0	100	100
2017	3	11001	MSS05VEN	1	0	0	0	100	100
2017	3	68001	MSS03BUC	1	0	0	0	100	100
2017	3	11001	MSC01FON	1	0	0	0	100	100
2017	3	76001	MSS04CAL	1	0	0	0	100	100
2017	3	11001	HLR01FON	2	0	0	0	100	100
2017	3	76001	MSS03CAL	1	0	0	0	100	100
2017	3	11001	MSS03PRA	1	0	0	0	100	100
2017	3	5001	MSS04MED	1	0	0	0	100	100
2017	3	11001	MSS03PER	1	0	0	0	100	100
2017	3	11001	MSC02PRA	1	0	0	0	100	100
2017	3	25286	MSSTR01	1	0	0	0	100	100
2017	3	11001	MSS07ARA	1	0	0	0	100	100
2017	3	8001	MSS03BAR	1	0	0	0	100	100
2017	3	11001	MSS05ARA	1	0	0	0	100	100
2017	3	8001	MSS04BAR	1	0	0	0	100	100
2017	3	11001	MSS01TOB	1	0	0	0	100	100
2017	3	11001	MSSPRA01	1	0	0	0	100	100
2017	3	13001	MSS01CAR	1	0	0	0	100	100
2017	3	11001	HLR02ARA	2	0	0	0	100	100
2017	3	68001	MSS01BUC	1	0	0	0	100	100
2017	3	8001	MSS02ALK	1	0	0	0	100	100
2017	3	5001	MSS06MED	1	0	0	0	100	100
2017	3	11001	MSC01PRA	1	0	0	0	100	100
2017	3	5001	MSS03MED	1	0	0	0	100	100
2017	3	70001	MSS01SIN	1	0	0	0	100	100
2017	3	5001	HLR02MED	2	0	0	0	100	100
2017	3	52001	MSS01PAS	1	0	0	0	100	100
2017	3	5001	MSS02MED	1	0	0	0	100	100
2017	3	70001	MSS02SIN	1	0	0	0	100	100
2017	3	5001	HLR01MED	2	0	0	0	100	100
2017	3	66001	MSS01PER	1	0	0	0	100	100
2017	3	5001	MSS05MED	1	0	0	0	100	100
2017	3	11001	MSS01ARA	1	0	0	0	100	100
2017	3	8001	MSS01BAR	1	0	0	0	100	100
2017	3	76001	HSS01ING	2	0	0	0	100	100
2017	3	11001	MSS04ARA	1	0	0	0	100	100
2017	3	11001	HLR01PRA	2	0	0	0	100	100
2017	3	11001	MSS06VEN	1	0	0	0	100	100
2017	3	11001	SDP1	3	0	0	0	100	100
2017	3	11001	SDP2	3	0	0	0	100	100
2017	3	11001	SDP3	3	0	0	0	100	100
2017	3	11001	SDP4	3	0	0	0	100	100
2017	3	11001	SDP5	3	0	0	0	100	100
2017	3	11001	SDP7	3	0	0	0	100	100
2017	3	11001	SDP6	3	0	0	0	100	100
2017	3	11001	SDP8	3	0	0	0	100	100
2017	3	11001	SDP9	3	0	0	0	100	100
2017	3	11001	SDP10	3	0	0	0	100	100
2017	3	11001	SDP11	3	0	0	0	100	100
2017	3	11001	SDP12	3	0	0	0	100	100
2017	3	11001	SDP13	3	0	0	0	100	100
2017	3	11001	SDP14	3	0	0	0	100	100
2017	3	11001	SDP15	3	0	0	0	100	100
2017	3	11001	SDP16	3	0	0	0	100	100
2017	3	11001	SDP17	3	0	0	0	100	100
2017	3	11001	SDP18	3	0	0	0	100	100