



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	13	102	1	1	19	2.21
2019	3	13	102	1	2	19	2.06
2019	3	13	102	1	3	19	2.18
2019	3	13	102	1	4	19	2.33
2019	3	13	102	1	5	19	2.29
2019	3	13	102	1	6	19	2.27
2019	3	13	102	1	7	19	2.07
2019	3	13	102	1	8	19	3.10
2019	3	13	102	1	9	19	1.80
2019	3	13	102	1	10	19	1.81
2019	3	13	102	1	11	19	1.99
2019	3	13	102	1	12	19	2.15
2019	3	13	102	1	13	19	2.04
2019	3	13	102	1	14	19	1.96
2019	3	13	102	1	15	19	2.00
2019	3	13	102	1	16	19	1.70
2019	3	13	102	1	17	19	1.75
2019	3	13	102	1	18	19	2.01
2019	3	13	102	1	19	19	2.15
2019	3	13	102	1	20	19	1.94
2019	3	13	102	1	21	19	2.11
2019	3	13	102	1	22	19	2.34
2019	3	13	102	1	23	19	1.77
2019	3	13	102	1	24	19	1.88
2019	3	13	102	1	25	19	1.94
2019	3	13	102	1	26	19	1.97
2019	3	13	102	1	27	19	1.95
2019	3	13	102	1	28	19	1.88
2019	3	13	102	1	29	19	2.11
2019	3	13	102	1	30	19	2.02
2019	3	13	102	1	31	19	1.96
2019	3	13	102	2	1	19	0.94
2019	3	13	102	2	2	10	0.76
2019	3	13	102	2	3	19	0.72
2019	3	13	102	2	4	19	1.08
2019	3	13	102	2	5	19	0.96
2019	3	13	102	2	6	19	0.92
2019	3	13	102	2	7	19	0.89
2019	3	13	102	2	8	19	1.08
2019	3	13	102	2	9	19	0.83
2019	3	13	102	2	10	19	0.87
2019	3	13	102	2	11	19	1.02
2019	3	13	102	2	12	19	0.94
2019	3	13	102	2	13	20	1.10
2019	3	13	102	2	14	20	1.11
2019	3	13	102	2	15	19	1.01
2019	3	13	102	2	16	19	0.88
2019	3	13	102	2	17	19	0.78
2019	3	13	102	2	18	19	1.25
2019	3	13	102	2	19	20	1.34
2019	3	13	102	2	20	19	1.00
2019	3	13	102	2	21	19	1.19
2019	3	13	102	2	22	19	1.04
2019	3	13	102	2	23	19	0.84
2019	3	13	102	2	24	19	0.81



# INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	13	102	2	25	19	0.89
2019	3	13	102	2	26	19	1.09
2019	3	13	102	2	27	19	1.22
2019	3	13	102	2	28	19	1.07
2019	3	13	102	2	29	19	0.92
2019	3	13	102	2	30	19	0.94
2019	3	13	102	2	31	19	0.73
2019	3	15	102	1	1	19	1.66
2019	3	15	102	1	2	18	1.81
2019	3	15	102	1	3	19	1.65
2019	3	15	102	1	4	19	2.07
2019	3	15	102	1	5	19	1.99
2019	3	15	102	1	6	19	1.95
2019	3	15	102	1	7	19	1.93
2019	3	15	102	1	8	19	1.92
2019	3	15	102	1	9	19	1.77
2019	3	15	102	1	10	19	2.48
2019	3	15	102	1	11	19	2.34
2019	3	15	102	1	12	19	2.11
2019	3	15	102	1	13	19	1.97
2019	3	15	102	1	14	19	1.98
2019	3	15	102	1	15	19	2.05
2019	3	15	102	1	16	18	2.16
2019	3	15	102	1	17	19	2.07
2019	3	15	102	1	18	19	1.92
2019	3	15	102	1	19	19	2.32
2019	3	15	102	1	20	19	1.97
2019	3	15	102	1	21	19	2.08
2019	3	15	102	1	22	19	1.80
2019	3	15	102	1	23	18	2.01
2019	3	15	102	1	24	18	1.76
2019	3	15	102	1	25	18	1.82
2019	3	15	102	1	26	19	1.80
2019	3	15	102	1	27	19	1.94
2019	3	15	102	1	28	19	1.84
2019	3	15	102	1	29	19	1.86
2019	3	15	102	1	30	18	1.58
2019	3	15	102	1	31	19	1.73
2019	3	15	102	2	1	18	0.62
2019	3	15	102	2	2	10	0.68
2019	3	15	102	2	3	10	0.61
2019	3	15	102	2	4	10	0.46
2019	3	15	102	2	5	18	0.65
2019	3	15	102	2	6	18	0.80
2019	3	15	102	2	7	18	0.71
2019	3	15	102	2	8	18	0.72
2019	3	15	102	2	9	10	0.61
2019	3	15	102	2	10	19	0.88
2019	3	15	102	2	11	10	0.60
2019	3	15	102	2	12	18	0.68
2019	3	15	102	2	13	18	0.73
2019	3	15	102	2	14	18	0.82
2019	3	15	102	2	15	18	1.28
2019	3	15	102	2	16	10	0.75
2019	3	15	102	2	17	19	0.79



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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	15	102	2	18	18	0.81
2019	3	15	102	2	19	18	0.69
2019	3	15	102	2	20	18	0.67
2019	3	15	102	2	21	18	0.70
2019	3	15	102	2	22	18	0.67
2019	3	15	102	2	23	10	0.58
2019	3	15	102	2	24	10	0.71
2019	3	15	102	2	25	10	0.72
2019	3	15	102	2	26	18	0.68
2019	3	15	102	2	27	18	0.67
2019	3	15	102	2	28	18	0.72
2019	3	15	102	2	29	18	0.71
2019	3	15	102	2	30	10	0.54
2019	3	15	102	2	31	19	0.77
2019	3	17	102	1	1	19	2.08
2019	3	17	102	1	2	19	1.93
2019	3	17	102	1	3	19	1.84
2019	3	17	102	1	4	19	2.14
2019	3	17	102	1	5	19	2.16
2019	3	17	102	1	6	19	2.23
2019	3	17	102	1	7	19	2.19
2019	3	17	102	1	8	19	2.07
2019	3	17	102	1	9	19	1.81
2019	3	17	102	1	10	20	2.28
2019	3	17	102	1	11	19	2.21
2019	3	17	102	1	12	19	2.27
2019	3	17	102	1	13	19	2.25
2019	3	17	102	1	14	19	2.37
2019	3	17	102	1	15	19	2.00
2019	3	17	102	1	16	19	1.82
2019	3	17	102	1	17	19	2.04
2019	3	17	102	1	18	19	2.16
2019	3	17	102	1	19	19	2.34
2019	3	17	102	1	20	19	2.44
2019	3	17	102	1	21	19	2.13
2019	3	17	102	1	22	19	2.15
2019	3	17	102	1	23	14	2.83
2019	3	17	102	1	24	19	2.00
2019	3	17	102	1	25	19	2.25
2019	3	17	102	1	26	19	2.14
2019	3	17	102	1	27	19	2.13
2019	3	17	102	1	28	19	2.22
2019	3	17	102	1	29	19	2.16
2019	3	17	102	1	30	19	1.96
2019	3	17	102	1	31	19	2.01
2019	3	17	102	2	1	19	0.76
2019	3	17	102	2	2	10	0.50
2019	3	17	102	2	3	19	0.79
2019	3	17	102	2	4	19	0.80
2019	3	17	102	2	5	19	0.91
2019	3	17	102	2	6	19	0.86
2019	3	17	102	2	7	19	0.90
2019	3	17	102	2	8	19	0.93
2019	3	17	102	2	9	10	0.60
2019	3	17	102	2	10	11	0.60



# INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

## F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	17	102	2	11	19	0.95
2019	3	17	102	2	12	19	1.03
2019	3	17	102	2	13	19	0.98
2019	3	17	102	2	14	19	2.56
2019	3	17	102	2	15	19	0.81
2019	3	17	102	2	16	10	0.56
2019	3	17	102	2	17	19	0.78
2019	3	17	102	2	18	19	0.92
2019	3	17	102	2	19	19	0.97
2019	3	17	102	2	20	19	0.92
2019	3	17	102	2	21	19	0.90
2019	3	17	102	2	22	19	0.91
2019	3	17	102	2	23	14	1.49
2019	3	17	102	2	24	19	0.72
2019	3	17	102	2	25	19	0.92
2019	3	17	102	2	26	19	0.81
2019	3	17	102	2	27	19	0.84
2019	3	17	102	2	28	19	0.86
2019	3	17	102	2	29	19	0.90
2019	3	17	102	2	30	10	0.54
2019	3	17	102	2	31	19	0.91
2019	3	18	102	1	1	19	1.82
2019	3	18	102	1	2	19	1.62
2019	3	18	102	1	3	19	1.77
2019	3	18	102	1	4	19	1.85
2019	3	18	102	1	5	19	3.25
2019	3	18	102	1	6	19	1.89
2019	3	18	102	1	7	19	1.91
2019	3	18	102	1	8	19	1.65
2019	3	18	102	1	9	19	1.59
2019	3	18	102	1	10	19	1.83
2019	3	18	102	1	11	19	1.90
2019	3	18	102	1	12	19	1.94
2019	3	18	102	1	13	19	2.08
2019	3	18	102	1	14	19	2.00
2019	3	18	102	1	15	19	2.20
2019	3	18	102	1	16	19	2.05
2019	3	18	102	1	17	19	2.12
2019	3	18	102	1	18	19	2.07
2019	3	18	102	1	19	19	2.08
2019	3	18	102	1	20	19	2.36
2019	3	18	102	1	21	19	1.96
2019	3	18	102	1	22	19	2.03
2019	3	18	102	1	23	19	1.93
2019	3	18	102	1	24	19	1.88
2019	3	18	102	1	25	19	2.44
2019	3	18	102	1	26	19	2.30
2019	3	18	102	1	27	19	2.37
2019	3	18	102	1	28	19	2.15
2019	3	18	102	1	29	19	2.63
2019	3	18	102	1	30	19	1.83
2019	3	18	102	1	31	19	2.06
2019	3	18	102	2	1	19	0.61
2019	3	18	102	2	2	19	0.99
2019	3	18	102	2	3	19	0.63



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	18	102	2	4	19	0.57
2019	3	18	102	2	5	19	0.70
2019	3	18	102	2	6	20	1.64
2019	3	18	102	2	7	19	0.84
2019	3	18	102	2	8	19	0.79
2019	3	18	102	2	9	19	0.86
2019	3	18	102	2	10	19	0.80
2019	3	18	102	2	11	19	0.91
2019	3	18	102	2	12	19	0.86
2019	3	18	102	2	13	19	0.93
2019	3	18	102	2	14	19	0.72
2019	3	18	102	2	15	19	1.41
2019	3	18	102	2	16	19	0.68
2019	3	18	102	2	17	19	0.84
2019	3	18	102	2	18	19	3.35
2019	3	18	102	2	19	19	0.81
2019	3	18	102	2	20	20	3.54
2019	3	18	102	2	21	20	0.63
2019	3	18	102	2	22	19	0.79
2019	3	18	102	2	23	20	0.58
2019	3	18	102	2	24	19	0.77
2019	3	18	102	2	25	19	0.72
2019	3	18	102	2	26	19	0.71
2019	3	18	102	2	27	19	0.81
2019	3	18	102	2	28	19	0.90
2019	3	18	102	2	29	19	1.92
2019	3	18	102	2	30	19	0.64
2019	3	18	102	2	31	19	0.74
2019	3	19	102	1	1	19	1.49
2019	3	19	102	1	2	19	1.59
2019	3	19	102	1	3	19	1.44
2019	3	19	102	1	4	19	1.49
2019	3	19	102	1	5	19	1.66
2019	3	19	102	1	6	19	1.59
2019	3	19	102	1	7	19	2.68
2019	3	19	102	1	8	19	1.57
2019	3	19	102	1	9	19	1.46
2019	3	19	102	1	10	19	1.38
2019	3	19	102	1	11	19	1.64
2019	3	19	102	1	12	19	1.59
2019	3	19	102	1	13	19	1.67
2019	3	19	102	1	14	19	1.54
2019	3	19	102	1	15	19	1.47
2019	3	19	102	1	16	19	1.62
2019	3	19	102	1	17	19	1.41
2019	3	19	102	1	18	19	2.33
2019	3	19	102	1	19	19	1.70
2019	3	19	102	1	20	19	2.24
2019	3	19	102	1	21	19	1.61
2019	3	19	102	1	22	19	1.90
2019	3	19	102	1	23	19	1.98
2019	3	19	102	1	24	19	1.83
2019	3	19	102	1	25	19	1.67
2019	3	19	102	1	26	19	2.70
2019	3	19	102	1	27	19	1.58



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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	19	102	1	28	19	2.48
2019	3	19	102	1	29	19	1.85
2019	3	19	102	1	30	19	2.37
2019	3	19	102	1	31	19	1.74
2019	3	19	102	2	1	19	1.58
2019	3	19	102	2	2	19	1.75
2019	3	19	102	2	3	19	1.62
2019	3	19	102	2	4	19	1.40
2019	3	19	102	2	5	19	1.44
2019	3	19	102	2	6	20	1.43
2019	3	19	102	2	7	19	1.62
2019	3	19	102	2	8	19	1.41
2019	3	19	102	2	9	19	1.35
2019	3	19	102	2	10	19	1.64
2019	3	19	102	2	11	19	1.63
2019	3	19	102	2	12	19	1.65
2019	3	19	102	2	13	19	1.64
2019	3	19	102	2	14	19	1.69
2019	3	19	102	2	15	19	2.50
2019	3	19	102	2	16	20	1.76
2019	3	19	102	2	17	20	1.54
2019	3	19	102	2	18	19	1.82
2019	3	19	102	2	19	19	1.79
2019	3	19	102	2	20	19	1.90
2019	3	19	102	2	21	19	1.83
2019	3	19	102	2	22	19	1.53
2019	3	19	102	2	23	14	0.86
2019	3	19	102	2	24	20	1.42
2019	3	19	102	2	25	19	2.30
2019	3	19	102	2	26	19	1.44
2019	3	19	102	2	27	19	1.57
2019	3	19	102	2	28	19	1.56
2019	3	19	102	2	29	19	1.34
2019	3	19	102	2	30	19	1.63
2019	3	19	102	2	31	20	1.42
2019	3	20	102	1	1	19	2.80
2019	3	20	102	1	2	19	2.49
2019	3	20	102	1	3	19	1.99
2019	3	20	102	1	4	19	2.19
2019	3	20	102	1	5	19	2.65
2019	3	20	102	1	6	19	3.52
2019	3	20	102	1	7	19	2.37
2019	3	20	102	1	8	19	2.13
2019	3	20	102	1	9	19	2.90
2019	3	20	102	1	10	19	4.19
2019	3	20	102	1	11	19	2.70
2019	3	20	102	1	12	19	2.47
2019	3	20	102	1	13	19	2.33
2019	3	20	102	1	14	19	2.21
2019	3	20	102	1	15	19	2.11
2019	3	20	102	1	16	19	2.04
2019	3	20	102	1	17	19	3.20
2019	3	20	102	1	18	19	3.01
2019	3	20	102	1	19	19	2.30
2019	3	20	102	1	20	19	2.98



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	20	102	1	21	19	3.53
2019	3	20	102	1	22	19	2.46
2019	3	20	102	1	23	19	2.18
2019	3	20	102	1	24	19	2.39
2019	3	20	102	1	25	19	2.69
2019	3	20	102	1	26	19	2.53
2019	3	20	102	1	27	19	2.29
2019	3	20	102	1	28	19	3.70
2019	3	20	102	1	29	19	2.07
2019	3	20	102	1	30	19	2.57
2019	3	20	102	1	31	19	2.97
2019	3	20	102	2	1	19	1.01
2019	3	20	102	2	2	19	0.58
2019	3	20	102	2	3	20	0.92
2019	3	20	102	2	4	19	0.85
2019	3	20	102	2	5	19	1.38
2019	3	20	102	2	6	19	1.16
2019	3	20	102	2	7	19	1.34
2019	3	20	102	2	8	19	1.03
2019	3	20	102	2	9	19	1.06
2019	3	20	102	2	10	20	1.15
2019	3	20	102	2	11	19	1.67
2019	3	20	102	2	12	19	1.15
2019	3	20	102	2	13	20	1.70
2019	3	20	102	2	14	19	1.14
2019	3	20	102	2	15	19	1.11
2019	3	20	102	2	16	19	0.77
2019	3	20	102	2	17	19	1.02
2019	3	20	102	2	18	19	2.22
2019	3	20	102	2	19	19	1.77
2019	3	20	102	2	20	19	1.43
2019	3	20	102	2	21	19	2.84
2019	3	20	102	2	22	19	1.10
2019	3	20	102	2	23	19	0.83
2019	3	20	102	2	24	19	0.91
2019	3	20	102	2	25	19	1.31
2019	3	20	102	2	26	19	1.41
2019	3	20	102	2	27	19	1.04
2019	3	20	102	2	28	19	1.73
2019	3	20	102	2	29	19	0.69
2019	3	20	102	2	30	19	0.82
2019	3	20	102	2	31	20	0.78
2019	3	23	102	1	1	19	2.30
2019	3	23	102	1	2	19	2.17
2019	3	23	102	1	3	19	2.14
2019	3	23	102	1	4	19	2.26
2019	3	23	102	1	5	19	2.34
2019	3	23	102	1	6	19	2.23
2019	3	23	102	1	7	19	2.26
2019	3	23	102	1	8	19	2.25
2019	3	23	102	1	9	19	2.09
2019	3	23	102	1	10	19	2.02
2019	3	23	102	1	11	19	2.33
2019	3	23	102	1	12	19	2.21
2019	3	23	102	1	13	19	2.40



# INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

## F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	23	102	1	14	19	2.30
2019	3	23	102	1	15	19	2.36
2019	3	23	102	1	16	19	2.06
2019	3	23	102	1	17	19	2.13
2019	3	23	102	1	18	19	2.35
2019	3	23	102	1	19	19	2.58
2019	3	23	102	1	20	19	2.38
2019	3	23	102	1	21	19	2.48
2019	3	23	102	1	22	19	2.33
2019	3	23	102	1	23	19	2.27
2019	3	23	102	1	24	19	2.40
2019	3	23	102	1	25	19	2.19
2019	3	23	102	1	26	19	2.31
2019	3	23	102	1	27	19	2.17
2019	3	23	102	1	28	19	2.68
2019	3	23	102	1	29	19	2.18
2019	3	23	102	1	30	19	2.17
2019	3	23	102	1	31	19	2.01
2019	3	23	102	2	1	19	1.57
2019	3	23	102	2	2	19	1.11
2019	3	23	102	2	3	19	1.25
2019	3	23	102	2	4	19	1.34
2019	3	23	102	2	5	19	1.25
2019	3	23	102	2	6	19	1.28
2019	3	23	102	2	7	19	1.32
2019	3	23	102	2	8	19	1.31
2019	3	23	102	2	9	19	1.57
2019	3	23	102	2	10	20	1.94
2019	3	23	102	2	11	19	1.48
2019	3	23	102	2	12	19	1.41
2019	3	23	102	2	13	19	1.29
2019	3	23	102	2	14	19	1.39
2019	3	23	102	2	15	19	1.44
2019	3	23	102	2	16	19	1.11
2019	3	23	102	2	17	19	1.24
2019	3	23	102	2	18	19	1.35
2019	3	23	102	2	19	19	1.31
2019	3	23	102	2	20	19	1.32
2019	3	23	102	2	21	19	1.33
2019	3	23	102	2	22	19	1.33
2019	3	23	102	2	23	19	1.78
2019	3	23	102	2	24	19	1.68
2019	3	23	102	2	25	19	1.50
2019	3	23	102	2	26	19	1.57
2019	3	23	102	2	27	19	1.37
2019	3	23	102	2	28	19	1.66
2019	3	23	102	2	29	19	1.15
2019	3	23	102	2	30	19	1.46
2019	3	23	102	2	31	19	1.32
2019	3	25	102	1	1	19	2.28
2019	3	25	102	1	2	10	2.07
2019	3	25	102	1	3	19	2.05
2019	3	25	102	1	4	19	2.39
2019	3	25	102	1	5	19	2.29
2019	3	25	102	1	6	19	2.34





INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	25	102	1	7	19	2.37
2019	3	25	102	1	8	19	2.36
2019	3	25	102	1	9	10	1.97
2019	3	25	102	1	10	19	2.71
2019	3	25	102	1	11	19	2.36
2019	3	25	102	1	12	19	2.40
2019	3	25	102	1	13	19	2.29
2019	3	25	102	1	14	19	2.32
2019	3	25	102	1	15	19	2.36
2019	3	25	102	1	16	19	2.17
2019	3	25	102	1	17	19	2.15
2019	3	25	102	1	18	19	2.34
2019	3	25	102	1	19	19	2.18
2019	3	25	102	1	20	19	2.36
2019	3	25	102	1	21	19	2.46
2019	3	25	102	1	22	19	2.27
2019	3	25	102	1	23	19	2.04
2019	3	25	102	1	24	19	2.13
2019	3	25	102	1	25	19	2.28
2019	3	25	102	1	26	19	2.28
2019	3	25	102	1	27	19	2.17
2019	3	25	102	1	28	19	2.10
2019	3	25	102	1	29	19	2.43
2019	3	25	102	1	30	19	1.94
2019	3	25	102	1	31	19	2.11
2019	3	25	102	2	1	18	1.00
2019	3	25	102	2	2	11	0.95
2019	3	25	102	2	3	19	1.16
2019	3	25	102	2	4	10	0.86
2019	3	25	102	2	5	10	0.97
2019	3	25	102	2	6	10	0.98
2019	3	25	102	2	7	18	1.08
2019	3	25	102	2	8	18	1.35
2019	3	25	102	2	9	10	1.07
2019	3	25	102	2	10	19	1.31
2019	3	25	102	2	11	10	0.85
2019	3	25	102	2	12	10	0.96
2019	3	25	102	2	13	18	1.25
2019	3	25	102	2	14	10	1.03
2019	3	25	102	2	15	10	0.99
2019	3	25	102	2	16	11	0.97
2019	3	25	102	2	17	19	1.05
2019	3	25	102	2	18	10	0.84
2019	3	25	102	2	19	18	1.07
2019	3	25	102	2	20	18	1.10
2019	3	25	102	2	21	10	0.89
2019	3	25	102	2	22	18	1.24
2019	3	25	102	2	23	10	0.99
2019	3	25	102	2	24	11	1.52
2019	3	25	102	2	25	19	1.33
2019	3	25	102	2	26	18	1.02
2019	3	25	102	2	27	18	1.06
2019	3	25	102	2	28	18	1.00
2019	3	25	102	2	29	10	0.98
2019	3	25	102	2	30	10	0.90



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	25	102	2	31	19	1.07
2019	3	27	102	1	1	19	1.04
2019	3	27	102	1	2	19	1.08
2019	3	27	102	1	3	19	1.36
2019	3	27	102	1	4	19	1.46
2019	3	27	102	1	5	19	0.96
2019	3	27	102	1	6	19	1.14
2019	3	27	102	1	7	19	1.24
2019	3	27	102	1	8	19	1.06
2019	3	27	102	1	9	19	1.26
2019	3	27	102	1	10	19	1.08
2019	3	27	102	1	11	19	1.21
2019	3	27	102	1	12	19	1.07
2019	3	27	102	1	13	19	1.64
2019	3	27	102	1	14	19	1.21
2019	3	27	102	1	15	19	1.25
2019	3	27	102	1	16	19	1.13
2019	3	27	102	1	17	19	1.28
2019	3	27	102	1	18	19	1.32
2019	3	27	102	1	19	19	1.25
2019	3	27	102	1	20	19	1.43
2019	3	27	102	1	21	19	1.59
2019	3	27	102	1	22	19	1.38
2019	3	27	102	1	23	19	1.41
2019	3	27	102	1	24	19	1.21
2019	3	27	102	1	25	19	1.31
2019	3	27	102	1	26	19	1.38
2019	3	27	102	1	27	19	1.36
2019	3	27	102	1	28	19	1.31
2019	3	27	102	1	29	19	1.38
2019	3	27	102	1	30	19	1.16
2019	3	27	102	1	31	19	1.66
2019	3	27	102	2	1	20	0.82
2019	3	27	102	2	2	19	0.77
2019	3	27	102	2	3	20	0.88
2019	3	27	102	2	4	19	0.86
2019	3	27	102	2	5	20	0.86
2019	3	27	102	2	6	19	0.89
2019	3	27	102	2	7	20	0.95
2019	3	27	102	2	8	19	0.81
2019	3	27	102	2	9	19	0.82
2019	3	27	102	2	10	20	0.91
2019	3	27	102	2	11	20	1.06
2019	3	27	102	2	12	20	1.06
2019	3	27	102	2	13	20	0.90
2019	3	27	102	2	14	20	1.25
2019	3	27	102	2	15	19	0.76
2019	3	27	102	2	16	20	0.92
2019	3	27	102	2	17	19	0.84
2019	3	27	102	2	18	19	0.82
2019	3	27	102	2	19	20	1.12
2019	3	27	102	2	20	20	0.93
2019	3	27	102	2	21	20	1.53
2019	3	27	102	2	22	19	0.80
2019	3	27	102	2	23	19	0.94



# INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

## F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	27	102	2	24	20	0.72
2019	3	27	102	2	25	19	0.79
2019	3	27	102	2	26	19	0.86
2019	3	27	102	2	27	20	0.89
2019	3	27	102	2	28	19	0.77
2019	3	27	102	2	29	19	0.86
2019	3	27	102	2	30	20	0.92
2019	3	27	102	2	31	20	1.12
2019	3	41	102	1	1	19	1.74
2019	3	41	102	1	2	19	1.54
2019	3	41	102	1	3	19	1.58
2019	3	41	102	1	4	19	1.76
2019	3	41	102	1	5	19	1.87
2019	3	41	102	1	6	19	1.97
2019	3	41	102	1	7	19	1.97
2019	3	41	102	1	8	19	1.91
2019	3	41	102	1	9	19	1.76
2019	3	41	102	1	10	19	1.75
2019	3	41	102	1	11	19	1.90
2019	3	41	102	1	12	19	2.01
2019	3	41	102	1	13	19	1.84
2019	3	41	102	1	14	19	1.86
2019	3	41	102	1	15	19	2.14
2019	3	41	102	1	16	19	1.79
2019	3	41	102	1	17	19	2.00
2019	3	41	102	1	18	19	2.38
2019	3	41	102	1	19	19	2.19
2019	3	41	102	1	20	19	2.10
2019	3	41	102	1	21	19	1.95
2019	3	41	102	1	22	19	1.91
2019	3	41	102	1	23	19	1.76
2019	3	41	102	1	24	19	1.98
2019	3	41	102	1	25	19	2.18
2019	3	41	102	1	26	19	2.03
2019	3	41	102	1	27	19	2.18
2019	3	41	102	1	28	19	2.00
2019	3	41	102	1	29	19	2.40
2019	3	41	102	1	30	19	2.05
2019	3	41	102	1	31	19	2.37
2019	3	41	102	2	1	19	1.47
2019	3	41	102	2	2	10	0.99
2019	3	41	102	2	3	20	1.07
2019	3	41	102	2	4	19	1.15
2019	3	41	102	2	5	19	2.62
2019	3	41	102	2	6	10	0.81
2019	3	41	102	2	7	19	1.05
2019	3	41	102	2	8	19	1.08
2019	3	41	102	2	9	10	0.85
2019	3	41	102	2	10	20	1.13
2019	3	41	102	2	11	19	0.95
2019	3	41	102	2	12	20	1.09
2019	3	41	102	2	13	19	1.16
2019	3	41	102	2	14	19	1.41
2019	3	41	102	2	15	10	1.05
2019	3	41	102	2	16	19	0.95



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	41	102	2	17	20	0.94
2019	3	41	102	2	18	19	1.30
2019	3	41	102	2	19	19	1.00
2019	3	41	102	2	20	19	1.02
2019	3	41	102	2	21	19	1.09
2019	3	41	102	2	22	10	0.88
2019	3	41	102	2	23	10	0.84
2019	3	41	102	2	24	20	1.05
2019	3	41	102	2	25	19	1.08
2019	3	41	102	2	26	19	1.04
2019	3	41	102	2	27	19	1.03
2019	3	41	102	2	28	19	1.29
2019	3	41	102	2	29	19	1.25
2019	3	41	102	2	30	10	0.74
2019	3	41	102	2	31	19	1.37
2019	3	44	102	1	1	19	1.60
2019	3	44	102	1	2	19	1.74
2019	3	44	102	1	3	19	1.57
2019	3	44	102	1	4	19	1.98
2019	3	44	102	1	5	19	2.37
2019	3	44	102	1	6	19	2.42
2019	3	44	102	1	7	19	2.08
2019	3	44	102	1	8	19	2.14
2019	3	44	102	1	9	19	2.31
2019	3	44	102	1	10	19	1.74
2019	3	44	102	1	11	19	1.99
2019	3	44	102	1	12	19	2.00
2019	3	44	102	1	13	19	2.06
2019	3	44	102	1	14	19	1.89
2019	3	44	102	1	15	19	1.77
2019	3	44	102	1	16	19	1.82
2019	3	44	102	1	17	19	2.35
2019	3	44	102	1	18	19	2.20
2019	3	44	102	1	19	19	2.35
2019	3	44	102	1	20	19	2.31
2019	3	44	102	1	21	19	2.08
2019	3	44	102	1	22	19	2.12
2019	3	44	102	1	23	19	1.84
2019	3	44	102	1	24	19	1.91
2019	3	44	102	1	25	19	1.79
2019	3	44	102	1	26	19	1.97
2019	3	44	102	1	27	19	1.95
2019	3	44	102	1	28	19	2.37
2019	3	44	102	1	29	19	2.44
2019	3	44	102	1	30	19	2.26
2019	3	44	102	1	31	19	2.05
2019	3	44	102	2	1	19	0.47
2019	3	44	102	2	2	19	0.54
2019	3	44	102	2	3	19	0.65
2019	3	44	102	2	4	19	0.61
2019	3	44	102	2	5	19	1.47
2019	3	44	102	2	6	19	1.05
2019	3	44	102	2	7	19	0.54
2019	3	44	102	2	8	19	0.85
2019	3	44	102	2	9	19	0.61



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	44	102	2	10	20	0.51
2019	3	44	102	2	11	19	0.56
2019	3	44	102	2	12	19	1.01
2019	3	44	102	2	13	20	0.65
2019	3	44	102	2	14	20	1.14
2019	3	44	102	2	15	19	0.60
2019	3	44	102	2	16	20	0.65
2019	3	44	102	2	17	19	1.02
2019	3	44	102	2	18	19	0.57
2019	3	44	102	2	19	19	0.92
2019	3	44	102	2	20	19	0.91
2019	3	44	102	2	21	19	0.76
2019	3	44	102	2	22	19	0.88
2019	3	44	102	2	23	20	0.49
2019	3	44	102	2	24	20	0.89
2019	3	44	102	2	25	19	0.50
2019	3	44	102	2	26	19	0.89
2019	3	44	102	2	27	19	0.51
2019	3	44	102	2	28	20	1.28
2019	3	44	102	2	29	19	0.75
2019	3	44	102	2	30	19	0.74
2019	3	44	102	2	31	19	0.64
2019	3	47	102	1	1	19	1.82
2019	3	47	102	1	2	19	1.68
2019	3	47	102	1	3	19	1.85
2019	3	47	102	1	4	19	1.86
2019	3	47	102	1	5	19	2.14
2019	3	47	102	1	6	19	1.95
2019	3	47	102	1	7	19	2.08
2019	3	47	102	1	8	19	1.89
2019	3	47	102	1	9	19	2.09
2019	3	47	102	1	10	19	1.96
2019	3	47	102	1	11	19	2.08
2019	3	47	102	1	12	19	2.54
2019	3	47	102	1	13	19	2.12
2019	3	47	102	1	14	19	1.97
2019	3	47	102	1	15	19	2.03
2019	3	47	102	1	16	19	1.99
2019	3	47	102	1	17	19	2.41
2019	3	47	102	1	18	19	3.25
2019	3	47	102	1	19	19	2.73
2019	3	47	102	1	20	19	2.19
2019	3	47	102	1	21	19	2.30
2019	3	47	102	1	22	19	1.95
2019	3	47	102	1	23	19	2.16
2019	3	47	102	1	24	19	1.73
2019	3	47	102	1	25	19	1.96
2019	3	47	102	1	26	19	2.36
2019	3	47	102	1	27	19	1.99
2019	3	47	102	1	28	19	2.35
2019	3	47	102	1	29	19	1.98
2019	3	47	102	1	30	19	2.43
2019	3	47	102	1	31	19	2.45
2019	3	47	102	2	1	19	0.85
2019	3	47	102	2	2	10	0.77



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	47	102	2	3	19	0.59
2019	3	47	102	2	4	19	0.56
2019	3	47	102	2	5	19	0.76
2019	3	47	102	2	6	19	0.74
2019	3	47	102	2	7	19	0.80
2019	3	47	102	2	8	19	0.75
2019	3	47	102	2	9	19	0.94
2019	3	47	102	2	10	19	2.88
2019	3	47	102	2	11	19	1.04
2019	3	47	102	2	12	19	0.92
2019	3	47	102	2	13	20	0.95
2019	3	47	102	2	14	19	0.81
2019	3	47	102	2	15	19	0.62
2019	3	47	102	2	16	19	0.89
2019	3	47	102	2	17	19	0.89
2019	3	47	102	2	18	19	1.22
2019	3	47	102	2	19	19	1.43
2019	3	47	102	2	20	19	0.82
2019	3	47	102	2	21	19	1.04
2019	3	47	102	2	22	19	0.68
2019	3	47	102	2	23	19	0.69
2019	3	47	102	2	24	19	0.60
2019	3	47	102	2	25	19	0.62
2019	3	47	102	2	26	19	1.11
2019	3	47	102	2	27	19	0.75
2019	3	47	102	2	28	19	1.12
2019	3	47	102	2	29	19	0.74
2019	3	47	102	2	30	19	0.89
2019	3	47	102	2	31	19	0.87
2019	3	50	102	1	1	19	1.77
2019	3	50	102	1	2	19	2.15
2019	3	50	102	1	3	19	1.79
2019	3	50	102	1	4	19	1.63
2019	3	50	102	1	5	19	1.81
2019	3	50	102	1	6	19	1.94
2019	3	50	102	1	7	19	2.70
2019	3	50	102	1	8	19	1.81
2019	3	50	102	1	9	19	1.93
2019	3	50	102	1	10	19	1.92
2019	3	50	102	1	11	19	2.08
2019	3	50	102	1	12	19	1.98
2019	3	50	102	1	13	19	1.91
2019	3	50	102	1	14	19	2.10
2019	3	50	102	1	15	19	2.22
2019	3	50	102	1	16	19	1.77
2019	3	50	102	1	17	19	1.92
2019	3	50	102	1	18	19	1.93
2019	3	50	102	1	19	19	2.31
2019	3	50	102	1	20	19	1.97
2019	3	50	102	1	21	19	2.09
2019	3	50	102	1	22	19	2.34
2019	3	50	102	1	23	19	1.95
2019	3	50	102	1	24	19	2.12
2019	3	50	102	1	25	19	2.01
2019	3	50	102	1	26	19	2.11



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	50	102	1	27	19	2.16
2019	3	50	102	1	28	19	1.82
2019	3	50	102	1	29	19	2.47
2019	3	50	102	1	30	19	1.96
2019	3	50	102	1	31	19	1.84
2019	3	50	102	2	1	19	0.82
2019	3	50	102	2	2	19	2.13
2019	3	50	102	2	3	19	0.77
2019	3	50	102	2	4	19	0.85
2019	3	50	102	2	5	19	0.84
2019	3	50	102	2	6	19	0.85
2019	3	50	102	2	7	19	1.82
2019	3	50	102	2	8	19	0.93
2019	3	50	102	2	9	19	0.76
2019	3	50	102	2	10	19	0.84
2019	3	50	102	2	11	19	1.02
2019	3	50	102	2	12	19	0.83
2019	3	50	102	2	13	19	1.01
2019	3	50	102	2	14	19	0.82
2019	3	50	102	2	15	19	0.95
2019	3	50	102	2	16	19	0.95
2019	3	50	102	2	17	19	0.90
2019	3	50	102	2	18	19	1.12
2019	3	50	102	2	19	19	1.25
2019	3	50	102	2	20	19	1.01
2019	3	50	102	2	21	19	0.99
2019	3	50	102	2	22	19	1.05
2019	3	50	102	2	23	19	0.99
2019	3	50	102	2	24	19	0.99
2019	3	50	102	2	25	19	0.97
2019	3	50	102	2	26	19	0.98
2019	3	50	102	2	27	19	0.96
2019	3	50	102	2	28	19	0.90
2019	3	50	102	2	29	19	1.09
2019	3	50	102	2	30	19	0.90
2019	3	50	102	2	31	19	1.08
2019	3	5	102	1	1	19	1.66
2019	3	5	102	1	2	19	1.98
2019	3	5	102	1	3	19	1.85
2019	3	5	102	1	4	19	1.87
2019	3	5	102	1	5	19	1.89
2019	3	5	102	1	6	19	1.99
2019	3	5	102	1	7	19	2.05
2019	3	5	102	1	8	19	2.05
2019	3	5	102	1	9	19	1.61
2019	3	5	102	1	10	19	1.92
2019	3	5	102	1	11	19	2.04
2019	3	5	102	1	12	19	2.16
2019	3	5	102	1	13	19	2.10
2019	3	5	102	1	14	19	1.94
2019	3	5	102	1	15	19	1.91
2019	3	5	102	1	16	19	1.86
2019	3	5	102	1	17	19	1.79
2019	3	5	102	1	18	19	1.91
2019	3	5	102	1	19	19	2.14



# INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

## F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	5	102	1	20	19	1.88
2019	3	5	102	1	21	19	1.86
2019	3	5	102	1	22	19	1.83
2019	3	5	102	1	23	19	1.81
2019	3	5	102	1	24	19	2.01
2019	3	5	102	1	25	19	1.88
2019	3	5	102	1	26	19	2.21
2019	3	5	102	1	27	19	1.86
2019	3	5	102	1	28	19	1.95
2019	3	5	102	1	29	19	1.93
2019	3	5	102	1	30	19	1.66
2019	3	5	102	1	31	19	2.10
2019	3	5	102	2	1	19	0.93
2019	3	5	102	2	2	10	0.71
2019	3	5	102	2	3	19	0.88
2019	3	5	102	2	4	10	0.95
2019	3	5	102	2	5	19	1.15
2019	3	5	102	2	6	19	1.12
2019	3	5	102	2	7	19	1.02
2019	3	5	102	2	8	19	1.04
2019	3	5	102	2	9	10	0.84
2019	3	5	102	2	10	19	1.07
2019	3	5	102	2	11	10	0.71
2019	3	5	102	2	12	19	1.44
2019	3	5	102	2	13	19	1.20
2019	3	5	102	2	14	19	1.01
2019	3	5	102	2	15	19	0.95
2019	3	5	102	2	16	10	0.83
2019	3	5	102	2	17	19	0.83
2019	3	5	102	2	18	19	0.95
2019	3	5	102	2	19	19	1.05
2019	3	5	102	2	20	19	1.06
2019	3	5	102	2	21	19	1.04
2019	3	5	102	2	22	19	1.01
2019	3	5	102	2	23	10	0.82
2019	3	5	102	2	24	19	1.10
2019	3	5	102	2	25	19	1.04
2019	3	5	102	2	26	19	0.96
2019	3	5	102	2	27	19	0.93
2019	3	5	102	2	28	19	1.00
2019	3	5	102	2	29	19	0.92
2019	3	5	102	2	30	10	0.71
2019	3	5	102	2	31	19	1.17
2019	3	52	102	1	1	19	1.38
2019	3	52	102	1	2	19	1.06
2019	3	52	102	1	3	19	0.98
2019	3	52	102	1	4	19	1.22
2019	3	52	102	1	5	19	1.30
2019	3	52	102	1	6	19	1.43
2019	3	52	102	1	7	19	1.35
2019	3	52	102	1	8	19	1.28
2019	3	52	102	1	9	19	1.18
2019	3	52	102	1	10	19	1.16
2019	3	52	102	1	11	19	1.16
2019	3	52	102	1	12	19	1.03





# INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

## F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	52	102	1	13	19	1.19
2019	3	52	102	1	14	20	0.69
2019	3	52	102	1	15	19	1.14
2019	3	52	102	1	16	19	1.16
2019	3	52	102	1	17	19	1.08
2019	3	52	102	1	18	19	1.33
2019	3	52	102	1	19	19	1.77
2019	3	52	102	1	20	19	1.23
2019	3	52	102	1	21	19	1.49
2019	3	52	102	1	22	19	1.25
2019	3	52	102	1	23	19	1.03
2019	3	52	102	1	24	19	2.64
2019	3	52	102	1	25	19	1.26
2019	3	52	102	1	26	19	2.94
2019	3	52	102	1	27	19	1.23
2019	3	52	102	1	28	19	1.43
2019	3	52	102	1	29	19	1.23
2019	3	52	102	1	30	19	1.13
2019	3	52	102	1	31	19	1.16
2019	3	52	102	2	1	19	1.34
2019	3	52	102	2	2	20	1.21
2019	3	52	102	2	3	20	1.53
2019	3	52	102	2	4	20	1.24
2019	3	52	102	2	5	20	1.02
2019	3	52	102	2	6	20	1.08
2019	3	52	102	2	7	19	1.36
2019	3	52	102	2	8	19	1.05
2019	3	52	102	2	9	19	0.99
2019	3	52	102	2	10	20	1.56
2019	3	52	102	2	11	20	2.08
2019	3	52	102	2	12	20	2.25
2019	3	52	102	2	13	20	1.44
2019	3	52	102	2	14	20	0.57
2019	3	52	102	2	15	19	1.64
2019	3	52	102	2	16	20	1.34
2019	3	52	102	2	17	20	1.13
2019	3	52	102	2	18	19	1.04
2019	3	52	102	2	19	20	1.32
2019	3	52	102	2	20	20	1.37
2019	3	52	102	2	21	20	2.45
2019	3	52	102	2	22	19	0.94
2019	3	52	102	2	23	20	1.22
2019	3	52	102	2	24	20	1.17
2019	3	52	102	2	25	19	1.07
2019	3	52	102	2	26	19	1.23
2019	3	52	102	2	27	20	1.34
2019	3	52	102	2	28	20	0.87
2019	3	52	102	2	29	19	1.00
2019	3	52	102	2	30	20	1.16
2019	3	52	102	2	31	20	0.79
2019	3	54	102	1	1	19	1.94
2019	3	54	102	1	2	19	1.87
2019	3	54	102	1	3	19	1.86
2019	3	54	102	1	4	19	2.24
2019	3	54	102	1	5	19	2.16



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	54	102	1	6	19	2.25
2019	3	54	102	1	7	19	2.09
2019	3	54	102	1	8	19	2.11
2019	3	54	102	1	9	19	2.20
2019	3	54	102	1	10	19	1.92
2019	3	54	102	1	11	19	2.17
2019	3	54	102	1	12	19	2.14
2019	3	54	102	1	13	19	2.27
2019	3	54	102	1	14	19	2.17
2019	3	54	102	1	15	19	2.14
2019	3	54	102	1	16	19	1.94
2019	3	54	102	1	17	19	2.02
2019	3	54	102	1	18	19	2.32
2019	3	54	102	1	19	19	2.30
2019	3	54	102	1	20	19	2.30
2019	3	54	102	1	21	19	2.37
2019	3	54	102	1	22	19	2.40
2019	3	54	102	1	23	19	2.39
2019	3	54	102	1	24	19	2.19
2019	3	54	102	1	25	19	2.28
2019	3	54	102	1	26	19	2.27
2019	3	54	102	1	27	19	2.50
2019	3	54	102	1	28	19	2.45
2019	3	54	102	1	29	19	2.64
2019	3	54	102	1	30	19	2.35
2019	3	54	102	1	31	19	2.72
2019	3	54	102	2	1	19	1.05
2019	3	54	102	2	2	10	0.81
2019	3	54	102	2	3	20	0.85
2019	3	54	102	2	4	19	1.00
2019	3	54	102	2	5	19	1.01
2019	3	54	102	2	6	19	1.06
2019	3	54	102	2	7	19	1.09
2019	3	54	102	2	8	19	0.98
2019	3	54	102	2	9	10	0.76
2019	3	54	102	2	10	19	0.96
2019	3	54	102	2	11	19	1.14
2019	3	54	102	2	12	19	1.14
2019	3	54	102	2	13	19	1.26
2019	3	54	102	2	14	19	1.21
2019	3	54	102	2	15	19	0.98
2019	3	54	102	2	16	19	1.06
2019	3	54	102	2	17	19	0.92
2019	3	54	102	2	18	19	1.34
2019	3	54	102	2	19	19	1.08
2019	3	54	102	2	20	19	1.13
2019	3	54	102	2	21	19	1.26
2019	3	54	102	2	22	19	1.33
2019	3	54	102	2	23	10	0.70
2019	3	54	102	2	24	19	1.33
2019	3	54	102	2	25	19	1.49
2019	3	54	102	2	26	19	1.25
2019	3	54	102	2	27	19	1.20
2019	3	54	102	2	28	19	1.36
2019	3	54	102	2	29	19	1.07



# INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

## F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	54	102	2	30	10	0.73
2019	3	54	102	2	31	20	1.09
2019	3	63	102	1	1	19	1.90
2019	3	63	102	1	2	19	1.84
2019	3	63	102	1	3	11	1.53
2019	3	63	102	1	4	19	2.41
2019	3	63	102	1	5	19	1.89
2019	3	63	102	1	6	19	2.03
2019	3	63	102	1	7	19	2.08
2019	3	63	102	1	8	19	2.08
2019	3	63	102	1	9	19	1.98
2019	3	63	102	1	10	19	2.43
2019	3	63	102	1	11	19	1.93
2019	3	63	102	1	12	19	2.97
2019	3	63	102	1	13	19	1.76
2019	3	63	102	1	14	19	2.15
2019	3	63	102	1	15	19	1.81
2019	3	63	102	1	16	19	1.79
2019	3	63	102	1	17	19	2.16
2019	3	63	102	1	18	19	2.39
2019	3	63	102	1	19	19	3.13
2019	3	63	102	1	20	19	2.20
2019	3	63	102	1	21	19	6.53
2019	3	63	102	1	22	19	2.49
2019	3	63	102	1	23	14	2.13
2019	3	63	102	1	24	19	2.08
2019	3	63	102	1	25	19	2.21
2019	3	63	102	1	26	19	1.98
2019	3	63	102	1	27	19	2.00
2019	3	63	102	1	28	19	2.26
2019	3	63	102	1	29	19	1.91
2019	3	63	102	1	30	19	1.68
2019	3	63	102	1	31	19	1.80
2019	3	63	102	2	1	19	0.88
2019	3	63	102	2	2	19	0.68
2019	3	63	102	2	3	19	0.79
2019	3	63	102	2	4	10	0.53
2019	3	63	102	2	5	19	0.76
2019	3	63	102	2	6	19	0.85
2019	3	63	102	2	7	19	0.93
2019	3	63	102	2	8	19	1.32
2019	3	63	102	2	9	19	1.43
2019	3	63	102	2	10	11	0.79
2019	3	63	102	2	11	19	1.27
2019	3	63	102	2	12	19	1.57
2019	3	63	102	2	13	19	0.78
2019	3	63	102	2	14	19	0.79
2019	3	63	102	2	15	19	0.68
2019	3	63	102	2	16	10	0.51
2019	3	63	102	2	17	19	0.77
2019	3	63	102	2	18	19	0.89
2019	3	63	102	2	19	19	0.74
2019	3	63	102	2	20	19	0.76
2019	3	63	102	2	21	19	1.25
2019	3	63	102	2	22	19	0.83



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	63	102	2	23	15	0.66
2019	3	63	102	2	24	19	0.71
2019	3	63	102	2	25	19	0.75
2019	3	63	102	2	26	19	0.76
2019	3	63	102	2	27	19	0.68
2019	3	63	102	2	28	19	1.31
2019	3	63	102	2	29	10	0.83
2019	3	63	102	2	30	19	0.60
2019	3	63	102	2	31	19	0.78
2019	3	66	102	1	1	19	1.88
2019	3	66	102	1	2	19	1.89
2019	3	66	102	1	3	19	2.09
2019	3	66	102	1	4	19	2.14
2019	3	66	102	1	5	19	2.05
2019	3	66	102	1	6	19	2.11
2019	3	66	102	1	7	19	2.20
2019	3	66	102	1	8	19	2.21
2019	3	66	102	1	9	19	1.89
2019	3	66	102	1	10	19	2.02
2019	3	66	102	1	11	19	2.10
2019	3	66	102	1	12	19	1.92
2019	3	66	102	1	13	19	1.94
2019	3	66	102	1	14	19	2.12
2019	3	66	102	1	15	19	1.95
2019	3	66	102	1	16	19	1.91
2019	3	66	102	1	17	19	2.12
2019	3	66	102	1	18	19	2.06
2019	3	66	102	1	19	19	2.42
2019	3	66	102	1	20	19	2.04
2019	3	66	102	1	21	19	2.27
2019	3	66	102	1	22	19	2.06
2019	3	66	102	1	23	14	1.25
2019	3	66	102	1	24	19	2.23
2019	3	66	102	1	25	19	2.54
2019	3	66	102	1	26	19	2.33
2019	3	66	102	1	27	19	2.99
2019	3	66	102	1	28	19	2.15
2019	3	66	102	1	29	19	1.89
2019	3	66	102	1	30	19	2.00
2019	3	66	102	1	31	19	1.95
2019	3	66	102	2	1	19	0.74
2019	3	66	102	2	2	11	0.50
2019	3	66	102	2	3	19	0.62
2019	3	66	102	2	4	19	0.73
2019	3	66	102	2	5	19	0.66
2019	3	66	102	2	6	10	0.55
2019	3	66	102	2	7	19	0.87
2019	3	66	102	2	8	19	0.72
2019	3	66	102	2	9	10	0.65
2019	3	66	102	2	10	19	0.82
2019	3	66	102	2	11	19	0.80
2019	3	66	102	2	12	19	0.77
2019	3	66	102	2	13	19	0.85
2019	3	66	102	2	14	19	0.91
2019	3	66	102	2	15	19	0.60



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	66	102	2	16	10	0.50
2019	3	66	102	2	17	20	0.68
2019	3	66	102	2	18	19	0.75
2019	3	66	102	2	19	19	0.71
2019	3	66	102	2	20	10	0.68
2019	3	66	102	2	21	19	0.83
2019	3	66	102	2	22	19	0.81
2019	3	66	102	2	23	15	0.54
2019	3	66	102	2	24	19	0.73
2019	3	66	102	2	25	19	0.74
2019	3	66	102	2	26	19	0.72
2019	3	66	102	2	27	19	0.62
2019	3	66	102	2	28	10	0.56
2019	3	66	102	2	29	19	0.80
2019	3	66	102	2	30	10	0.52
2019	3	66	102	2	31	20	0.88
2019	3	68	102	1	1	19	2.01
2019	3	68	102	1	2	19	1.80
2019	3	68	102	1	3	19	1.65
2019	3	68	102	1	4	19	2.09
2019	3	68	102	1	5	19	2.11
2019	3	68	102	1	6	19	2.34
2019	3	68	102	1	7	19	2.05
2019	3	68	102	1	8	19	1.71
2019	3	68	102	1	9	19	1.68
2019	3	68	102	1	10	19	2.32
2019	3	68	102	1	11	19	2.39
2019	3	68	102	1	12	19	2.14
2019	3	68	102	1	13	19	1.81
2019	3	68	102	1	14	19	2.34
2019	3	68	102	1	15	19	1.95
2019	3	68	102	1	16	19	1.91
2019	3	68	102	1	17	19	2.44
2019	3	68	102	1	18	19	1.95
2019	3	68	102	1	19	19	3.03
2019	3	68	102	1	20	19	1.98
2019	3	68	102	1	21	19	2.06
2019	3	68	102	1	22	19	2.19
2019	3	68	102	1	23	19	1.92
2019	3	68	102	1	24	19	2.27
2019	3	68	102	1	25	19	2.05
2019	3	68	102	1	26	19	2.05
2019	3	68	102	1	27	19	2.33
2019	3	68	102	1	28	19	1.96
2019	3	68	102	1	29	19	1.89
2019	3	68	102	1	30	19	1.71
2019	3	68	102	1	31	18	1.45
2019	3	68	102	2	1	19	1.11
2019	3	68	102	2	2	10	1.15
2019	3	68	102	2	3	19	0.95
2019	3	68	102	2	4	10	0.93
2019	3	68	102	2	5	18	2.58
2019	3	68	102	2	6	10	1.23
2019	3	68	102	2	7	10	1.28
2019	3	68	102	2	8	18	1.70



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	68	102	2	9	10	1.32
2019	3	68	102	2	10	19	2.83
2019	3	68	102	2	11	10	1.00
2019	3	68	102	2	12	10	1.25
2019	3	68	102	2	13	19	1.72
2019	3	68	102	2	14	18	1.28
2019	3	68	102	2	15	10	1.10
2019	3	68	102	2	16	10	1.26
2019	3	68	102	2	17	19	2.57
2019	3	68	102	2	18	18	1.08
2019	3	68	102	2	19	10	1.33
2019	3	68	102	2	20	18	1.09
2019	3	68	102	2	21	18	1.34
2019	3	68	102	2	22	10	1.16
2019	3	68	102	2	23	10	1.21
2019	3	68	102	2	24	10	1.01
2019	3	68	102	2	25	19	1.16
2019	3	68	102	2	26	18	1.71
2019	3	68	102	2	27	18	1.22
2019	3	68	102	2	28	18	1.49
2019	3	68	102	2	29	10	1.31
2019	3	68	102	2	30	10	1.46
2019	3	68	102	2	31	19	2.60
2019	3	70	102	1	1	19	2.20
2019	3	70	102	1	2	19	2.12
2019	3	70	102	1	3	19	2.28
2019	3	70	102	1	4	19	2.12
2019	3	70	102	1	5	19	2.14
2019	3	70	102	1	6	19	2.06
2019	3	70	102	1	7	19	2.23
2019	3	70	102	1	8	19	2.51
2019	3	70	102	1	9	19	2.43
2019	3	70	102	1	10	19	2.16
2019	3	70	102	1	11	19	2.29
2019	3	70	102	1	12	19	2.28
2019	3	70	102	1	13	19	2.34
2019	3	70	102	1	14	19	2.10
2019	3	70	102	1	15	19	2.57
2019	3	70	102	1	16	19	2.30
2019	3	70	102	1	17	19	2.16
2019	3	70	102	1	18	19	2.16
2019	3	70	102	1	19	19	2.59
2019	3	70	102	1	20	19	2.42
2019	3	70	102	1	21	19	2.15
2019	3	70	102	1	22	19	2.19
2019	3	70	102	1	23	19	2.51
2019	3	70	102	1	24	19	2.68
2019	3	70	102	1	25	19	2.11
2019	3	70	102	1	26	19	2.26
2019	3	70	102	1	27	19	2.35
2019	3	70	102	1	28	19	2.23
2019	3	70	102	1	29	19	2.07
2019	3	70	102	1	30	19	2.00
2019	3	70	102	1	31	19	2.07
2019	3	70	102	2	1	19	1.44



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## F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	70	102	2	2	10	0.82
2019	3	70	102	2	3	19	1.45
2019	3	70	102	2	4	19	2.54
2019	3	70	102	2	5	19	1.74
2019	3	70	102	2	6	19	1.57
2019	3	70	102	2	7	20	2.50
2019	3	70	102	2	8	19	1.42
2019	3	70	102	2	9	19	2.33
2019	3	70	102	2	10	19	1.38
2019	3	70	102	2	11	20	2.45
2019	3	70	102	2	12	19	1.35
2019	3	70	102	2	13	20	1.64
2019	3	70	102	2	14	19	1.52
2019	3	70	102	2	15	19	1.82
2019	3	70	102	2	16	19	1.15
2019	3	70	102	2	17	19	1.22
2019	3	70	102	2	18	19	1.30
2019	3	70	102	2	19	19	2.20
2019	3	70	102	2	20	19	1.60
2019	3	70	102	2	21	19	1.17
2019	3	70	102	2	22	19	1.55
2019	3	70	102	2	23	19	3.31
2019	3	70	102	2	24	19	4.03
2019	3	70	102	2	25	19	1.38
2019	3	70	102	2	26	19	2.77
2019	3	70	102	2	27	19	1.33
2019	3	70	102	2	28	19	1.49
2019	3	70	102	2	29	19	1.35
2019	3	70	102	2	30	19	1.07
2019	3	70	102	2	31	19	1.19
2019	3	73	102	1	1	19	2.24
2019	3	73	102	1	2	19	2.09
2019	3	73	102	1	3	19	2.68
2019	3	73	102	1	4	19	2.41
2019	3	73	102	1	5	19	2.35
2019	3	73	102	1	6	19	2.57
2019	3	73	102	1	7	19	2.46
2019	3	73	102	1	8	19	2.42
2019	3	73	102	1	9	19	2.33
2019	3	73	102	1	10	19	3.30
2019	3	73	102	1	11	19	2.49
2019	3	73	102	1	12	19	2.42
2019	3	73	102	1	13	19	3.86
2019	3	73	102	1	14	19	2.67
2019	3	73	102	1	15	19	2.20
2019	3	73	102	1	16	19	2.16
2019	3	73	102	1	17	19	2.01
2019	3	73	102	1	18	19	3.59
2019	3	73	102	1	19	19	2.35
2019	3	73	102	1	20	19	2.19
2019	3	73	102	1	21	19	2.57
2019	3	73	102	1	22	19	2.17
2019	3	73	102	1	23	19	2.09
2019	3	73	102	1	24	19	1.96
2019	3	73	102	1	25	19	3.07



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	73	102	1	26	19	2.62
2019	3	73	102	1	27	19	2.60
2019	3	73	102	1	28	19	2.68
2019	3	73	102	1	29	19	2.43
2019	3	73	102	1	30	19	2.44
2019	3	73	102	1	31	19	2.19
2019	3	73	102	2	1	19	1.14
2019	3	73	102	2	2	19	0.93
2019	3	73	102	2	3	19	1.14
2019	3	73	102	2	4	19	1.11
2019	3	73	102	2	5	19	1.08
2019	3	73	102	2	6	19	1.03
2019	3	73	102	2	7	19	1.36
2019	3	73	102	2	8	19	1.11
2019	3	73	102	2	9	10	0.84
2019	3	73	102	2	10	10	1.03
2019	3	73	102	2	11	19	1.21
2019	3	73	102	2	12	19	1.32
2019	3	73	102	2	13	19	1.70
2019	3	73	102	2	14	19	1.44
2019	3	73	102	2	15	19	1.23
2019	3	73	102	2	16	19	1.06
2019	3	73	102	2	17	20	1.84
2019	3	73	102	2	18	19	1.33
2019	3	73	102	2	19	19	1.28
2019	3	73	102	2	20	19	1.17
2019	3	73	102	2	21	10	0.85
2019	3	73	102	2	22	19	1.15
2019	3	73	102	2	23	14	1.27
2019	3	73	102	2	24	19	1.11
2019	3	73	102	2	25	10	1.23
2019	3	73	102	2	26	19	1.24
2019	3	73	102	2	27	19	1.27
2019	3	73	102	2	28	19	1.27
2019	3	73	102	2	29	19	1.28
2019	3	73	102	2	30	19	1.50
2019	3	73	102	2	31	20	1.64
2019	3	76	102	1	1	19	1.47
2019	3	76	102	1	2	19	1.25
2019	3	76	102	1	3	19	1.44
2019	3	76	102	1	4	19	2.64
2019	3	76	102	1	5	19	1.63
2019	3	76	102	1	6	19	1.94
2019	3	76	102	1	7	19	1.77
2019	3	76	102	1	8	19	1.71
2019	3	76	102	1	9	19	1.63
2019	3	76	102	1	10	19	1.56
2019	3	76	102	1	11	19	1.64
2019	3	76	102	1	12	19	1.77
2019	3	76	102	1	13	19	1.72
2019	3	76	102	1	14	19	1.80
2019	3	76	102	1	15	19	2.03
2019	3	76	102	1	16	19	1.52
2019	3	76	102	1	17	19	1.54
2019	3	76	102	1	18	19	1.87





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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	76	102	1	19	19	1.91
2019	3	76	102	1	20	19	1.95
2019	3	76	102	1	21	19	2.19
2019	3	76	102	1	22	19	1.97
2019	3	76	102	1	23	14	1.56
2019	3	76	102	1	24	19	1.60
2019	3	76	102	1	25	19	1.79
2019	3	76	102	1	26	19	1.60
2019	3	76	102	1	27	19	1.58
2019	3	76	102	1	28	19	1.64
2019	3	76	102	1	29	19	1.85
2019	3	76	102	1	30	19	1.61
2019	3	76	102	1	31	19	1.60
2019	3	76	102	2	1	10	0.78
2019	3	76	102	2	2	10	0.72
2019	3	76	102	2	3	20	0.75
2019	3	76	102	2	4	10	0.70
2019	3	76	102	2	5	10	0.63
2019	3	76	102	2	6	10	0.87
2019	3	76	102	2	7	10	0.81
2019	3	76	102	2	8	10	0.74
2019	3	76	102	2	9	10	0.65
2019	3	76	102	2	10	19	0.79
2019	3	76	102	2	11	10	0.62
2019	3	76	102	2	12	10	0.70
2019	3	76	102	2	13	10	0.80
2019	3	76	102	2	14	10	1.02
2019	3	76	102	2	15	10	0.92
2019	3	76	102	2	16	10	0.58
2019	3	76	102	2	17	20	0.63
2019	3	76	102	2	18	10	0.69
2019	3	76	102	2	19	10	0.96
2019	3	76	102	2	20	10	1.17
2019	3	76	102	2	21	10	2.03
2019	3	76	102	2	22	10	1.04
2019	3	76	102	2	23	14	1.89
2019	3	76	102	2	24	11	0.83
2019	3	76	102	2	25	19	1.54
2019	3	76	102	2	26	10	0.82
2019	3	76	102	2	27	10	0.77
2019	3	76	102	2	28	10	0.63
2019	3	76	102	2	29	10	1.56
2019	3	76	102	2	30	10	0.57
2019	3	76	102	2	31	19	0.81
2019	3	8	102	1	1	19	1.78
2019	3	8	102	1	2	10	4.26
2019	3	8	102	1	3	11	1.89
2019	3	8	102	1	4	10	1.85
2019	3	8	102	1	5	19	1.61
2019	3	8	102	1	6	19	1.62
2019	3	8	102	1	7	19	2.43
2019	3	8	102	1	8	19	3.26
2019	3	8	102	1	9	19	3.33
2019	3	8	102	1	10	19	3.12
2019	3	8	102	1	11	19	3.35



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	8	102	1	12	19	3.71
2019	3	8	102	1	13	19	3.70
2019	3	8	102	1	14	19	3.89
2019	3	8	102	1	15	19	3.88
2019	3	8	102	1	16	19	3.45
2019	3	8	102	1	17	19	3.60
2019	3	8	102	1	18	19	4.18
2019	3	8	102	1	19	19	3.44
2019	3	8	102	1	20	19	4.03
2019	3	8	102	1	21	19	4.76
2019	3	8	102	1	22	19	2.73
2019	3	8	102	1	23	19	1.77
2019	3	8	102	1	24	19	2.44
2019	3	8	102	1	25	19	2.69
2019	3	8	102	1	26	19	2.82
2019	3	8	102	1	27	19	3.30
2019	3	8	102	1	28	19	2.90
2019	3	8	102	1	29	19	2.37
2019	3	8	102	1	30	19	2.51
2019	3	8	102	1	31	19	2.65
2019	3	8	102	2	1	10	0.52
2019	3	8	102	2	2	10	0.93
2019	3	8	102	2	3	11	0.59
2019	3	8	102	2	4	10	0.45
2019	3	8	102	2	5	10	0.45
2019	3	8	102	2	6	10	0.48
2019	3	8	102	2	7	10	0.69
2019	3	8	102	2	8	10	0.65
2019	3	8	102	2	9	10	0.75
2019	3	8	102	2	10	19	0.96
2019	3	8	102	2	11	10	0.62
2019	3	8	102	2	12	10	0.66
2019	3	8	102	2	13	20	0.62
2019	3	8	102	2	14	10	0.53
2019	3	8	102	2	15	10	0.83
2019	3	8	102	2	16	11	0.61
2019	3	8	102	2	17	19	0.71
2019	3	8	102	2	18	10	0.54
2019	3	8	102	2	19	19	0.69
2019	3	8	102	2	20	19	0.77
2019	3	8	102	2	21	19	0.95
2019	3	8	102	2	22	10	0.51
2019	3	8	102	2	23	10	0.91
2019	3	8	102	2	24	11	0.63
2019	3	8	102	2	25	19	0.71
2019	3	8	102	2	26	10	0.73
2019	3	8	102	2	27	10	0.58
2019	3	8	102	2	28	19	0.83
2019	3	8	102	2	29	10	0.59
2019	3	8	102	2	30	10	0.46
2019	3	8	102	2	31	19	0.59
2019	3	81	102	1	1	19	1.89
2019	3	81	102	1	2	19	1.77
2019	3	81	102	1	3	19	2.16
2019	3	81	102	1	4	19	1.98



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F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	81	102	1	5	19	1.89
2019	3	81	102	1	6	19	1.76
2019	3	81	102	1	7	19	1.77
2019	3	81	102	1	8	19	5.04
2019	3	81	102	1	9	19	2.63
2019	3	81	102	1	10	19	2.96
2019	3	81	102	1	11	19	2.28
2019	3	81	102	1	12	19	2.04
2019	3	81	102	1	13	19	2.04
2019	3	81	102	1	14	19	2.20
2019	3	81	102	1	15	19	2.16
2019	3	81	102	1	16	19	2.06
2019	3	81	102	1	17	19	2.26
2019	3	81	102	1	18	19	2.23
2019	3	81	102	1	19	19	2.19
2019	3	81	102	1	20	19	2.28
2019	3	81	102	1	21	19	2.49
2019	3	81	102	1	22	19	3.01
2019	3	81	102	1	23	19	2.40
2019	3	81	102	1	24	19	2.04
2019	3	81	102	1	25	19	2.21
2019	3	81	102	1	26	19	2.17
2019	3	81	102	1	27	19	2.15
2019	3	81	102	1	28	19	3.45
2019	3	81	102	1	29	19	1.86
2019	3	81	102	1	30	19	2.06
2019	3	81	102	1	31	19	2.91
2019	3	81	102	2	1	18	0.90
2019	3	81	102	2	2	19	1.02
2019	3	81	102	2	3	19	1.00
2019	3	81	102	2	4	19	1.14
2019	3	81	102	2	5	19	1.13
2019	3	81	102	2	6	19	1.15
2019	3	81	102	2	7	19	1.22
2019	3	81	102	2	8	19	1.12
2019	3	81	102	2	9	19	1.16
2019	3	81	102	2	10	19	1.17
2019	3	81	102	2	11	19	1.34
2019	3	81	102	2	12	19	1.22
2019	3	81	102	2	13	19	1.38
2019	3	81	102	2	14	19	1.17
2019	3	81	102	2	15	19	1.11
2019	3	81	102	2	16	19	0.98
2019	3	81	102	2	17	19	1.18
2019	3	81	102	2	18	19	1.17
2019	3	81	102	2	19	19	1.22
2019	3	81	102	2	20	19	1.06
2019	3	81	102	2	21	19	1.17
2019	3	81	102	2	22	19	1.08
2019	3	81	102	2	23	19	0.88
2019	3	81	102	2	24	19	1.03
2019	3	81	102	2	25	19	1.08
2019	3	81	102	2	26	19	1.13
2019	3	81	102	2	27	19	1.18
2019	3	81	102	2	28	18	0.86



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	81	102	2	29	19	1.00
2019	3	81	102	2	30	19	0.90
2019	3	81	102	2	31	18	2.02
2019	3	85	102	1	1	19	2.05
2019	3	85	102	1	2	19	2.15
2019	3	85	102	1	3	19	1.95
2019	3	85	102	1	4	19	2.26
2019	3	85	102	1	5	19	1.67
2019	3	85	102	1	6	19	1.76
2019	3	85	102	1	7	19	1.73
2019	3	85	102	1	8	19	1.79
2019	3	85	102	1	9	19	1.79
2019	3	85	102	1	10	19	1.90
2019	3	85	102	1	11	19	2.06
2019	3	85	102	1	12	19	1.76
2019	3	85	102	1	13	19	1.87
2019	3	85	102	1	14	19	1.63
2019	3	85	102	1	15	19	2.03
2019	3	85	102	1	16	19	1.56
2019	3	85	102	1	17	19	1.62
2019	3	85	102	1	18	19	1.86
2019	3	85	102	1	19	19	1.89
2019	3	85	102	1	20	19	1.72
2019	3	85	102	1	21	19	1.79
2019	3	85	102	1	22	19	1.99
2019	3	85	102	1	23	19	3.06
2019	3	85	102	1	24	19	1.80
2019	3	85	102	1	25	19	1.73
2019	3	85	102	1	26	19	1.84
2019	3	85	102	1	27	19	2.01
2019	3	85	102	1	28	19	2.66
2019	3	85	102	1	29	19	2.31
2019	3	85	102	1	30	19	2.07
2019	3	85	102	1	31	19	1.82
2019	3	85	102	2	1	19	1.63
2019	3	85	102	2	2	19	0.82
2019	3	85	102	2	3	19	0.82
2019	3	85	102	2	4	19	1.01
2019	3	85	102	2	5	19	1.05
2019	3	85	102	2	6	19	0.93
2019	3	85	102	2	7	19	1.30
2019	3	85	102	2	8	19	1.09
2019	3	85	102	2	9	19	1.07
2019	3	85	102	2	10	19	1.22
2019	3	85	102	2	11	19	1.24
2019	3	85	102	2	12	19	1.22
2019	3	85	102	2	13	19	1.34
2019	3	85	102	2	14	19	1.16
2019	3	85	102	2	15	19	1.26
2019	3	85	102	2	16	19	1.03
2019	3	85	102	2	17	19	1.00
2019	3	85	102	2	18	19	1.18
2019	3	85	102	2	19	19	1.25
2019	3	85	102	2	20	19	1.31
2019	3	85	102	2	21	19	1.09



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	85	102	2	22	19	1.16
2019	3	85	102	2	23	19	1.24
2019	3	85	102	2	24	19	0.92
2019	3	85	102	2	25	19	1.14
2019	3	85	102	2	26	19	0.99
2019	3	85	102	2	27	19	1.10
2019	3	85	102	2	28	19	2.84
2019	3	85	102	2	29	18	0.92
2019	3	85	102	2	30	18	1.34
2019	3	85	102	2	31	19	1.23
2019	3	86	102	1	1	19	1.75
2019	3	86	102	1	2	19	1.55
2019	3	86	102	1	3	19	1.53
2019	3	86	102	1	4	19	1.67
2019	3	86	102	1	5	19	2.33
2019	3	86	102	1	6	19	1.99
2019	3	86	102	1	7	19	1.90
2019	3	86	102	1	8	19	1.84
2019	3	86	102	1	9	19	1.71
2019	3	86	102	1	10	19	1.71
2019	3	86	102	1	11	19	1.87
2019	3	86	102	1	12	19	1.72
2019	3	86	102	1	13	19	1.99
2019	3	86	102	1	14	20	1.57
2019	3	86	102	1	15	19	1.56
2019	3	86	102	1	16	19	1.68
2019	3	86	102	1	17	19	1.60
2019	3	86	102	1	18	19	1.75
2019	3	86	102	1	19	19	2.01
2019	3	86	102	1	20	19	1.92
2019	3	86	102	1	21	19	3.02
2019	3	86	102	1	22	19	2.04
2019	3	86	102	1	23	19	1.91
2019	3	86	102	1	24	19	1.92
2019	3	86	102	1	25	19	2.28
2019	3	86	102	1	26	19	2.37
2019	3	86	102	1	27	19	2.45
2019	3	86	102	1	28	19	2.67
2019	3	86	102	1	29	19	2.31
2019	3	86	102	1	30	19	2.02
2019	3	86	102	1	31	19	1.95
2019	3	86	102	2	1	19	0.55
2019	3	86	102	2	2	20	0.50
2019	3	86	102	2	3	20	0.64
2019	3	86	102	2	4	19	0.52
2019	3	86	102	2	5	19	0.92
2019	3	86	102	2	6	19	0.74
2019	3	86	102	2	7	19	0.75
2019	3	86	102	2	8	19	0.69
2019	3	86	102	2	9	19	0.53
2019	3	86	102	2	10	20	0.65
2019	3	86	102	2	11	19	0.64
2019	3	86	102	2	12	20	1.83
2019	3	86	102	2	13	20	0.82
2019	3	86	102	2	14	20	0.65



# INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	86	102	2	15	19	0.56
2019	3	86	102	2	16	20	0.63
2019	3	86	102	2	17	20	1.91
2019	3	86	102	2	18	19	0.99
2019	3	86	102	2	19	20	0.70
2019	3	86	102	2	20	19	0.84
2019	3	86	102	2	21	19	1.01
2019	3	86	102	2	22	19	0.71
2019	3	86	102	2	23	20	0.57
2019	3	86	102	2	24	20	1.11
2019	3	86	102	2	25	19	0.78
2019	3	86	102	2	26	19	0.71
2019	3	86	102	2	27	19	0.94
2019	3	86	102	2	28	19	0.93
2019	3	86	102	2	29	19	0.63
2019	3	86	102	2	30	20	0.63
2019	3	86	102	2	31	20	0.62
2019	3	88	102	1	1	20	0.90
2019	3	88	102	1	2	21	0.51
2019	3	88	102	1	3	20	0.87
2019	3	88	102	1	4	21	1.07
2019	3	88	102	1	5	20	0.75
2019	3	88	102	1	6	21	0.84
2019	3	88	102	1	7	20	0.87
2019	3	88	102	1	8	19	0.98
2019	3	88	102	1	9	20	0.86
2019	3	88	102	1	10	20	1.10
2019	3	88	102	1	11	20	1.00
2019	3	88	102	1	12	19	0.51
2019	3	88	102	1	13	21	1.32
2019	3	88	102	1	14	20	1.21
2019	3	88	102	1	15	20	0.88
2019	3	88	102	1	16	20	1.00
2019	3	88	102	1	17	20	0.80
2019	3	88	102	1	18	21	1.36
2019	3	88	102	1	19	20	0.83
2019	3	88	102	1	20	20	0.96
2019	3	88	102	1	21	21	1.05
2019	3	88	102	1	22	20	0.87
2019	3	88	102	1	23	21	0.81
2019	3	88	102	1	24	20	0.86
2019	3	88	102	1	25	20	0.97
2019	3	88	102	1	26	20	0.89
2019	3	88	102	1	27	21	0.88
2019	3	88	102	1	28	20	1.37
2019	3	88	102	1	29	21	2.17
2019	3	88	102	1	30	20	1.30
2019	3	88	102	1	31	20	1.22
2019	3	88	102	2	1	20	3.02
2019	3	88	102	2	2	19	1.43
2019	3	88	102	2	3	19	3.70
2019	3	88	102	2	4	19	0.92
2019	3	88	102	2	5	20	2.71
2019	3	88	102	2	6	19	2.46
2019	3	88	102	2	7	20	0.98



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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	88	102	2	8	19	0.56
2019	3	88	102	2	9	20	0.88
2019	3	88	102	2	10	19	1.04
2019	3	88	102	2	11	20	1.08
2019	3	88	102	2	12	19	0.83
2019	3	88	102	2	13	20	0.84
2019	3	88	102	2	14	20	1.00
2019	3	88	102	2	15	20	1.05
2019	3	88	102	2	16	20	0.88
2019	3	88	102	2	17	19	0.82
2019	3	88	102	2	18	19	0.88
2019	3	88	102	2	19	20	0.52
2019	3	88	102	2	20	19	1.05
2019	3	88	102	2	21	20	0.71
2019	3	88	102	2	22	20	0.95
2019	3	88	102	2	23	20	0.66
2019	3	88	102	2	24	19	0.94
2019	3	88	102	2	25	20	0.59
2019	3	88	102	2	26	20	0.81
2019	3	88	102	2	27	21	1.45
2019	3	88	102	2	28	20	1.34
2019	3	88	102	2	29	20	0.81
2019	3	88	102	2	30	20	0.83
2019	3	88	102	2	31	19	0.80
2019	3	95	102	1	1	18	1.54
2019	3	95	102	1	2	18	1.50
2019	3	95	102	1	3	18	1.75
2019	3	95	102	1	4	19	0.91
2019	3	95	102	1	5	18	1.43
2019	3	95	102	1	6	19	1.53
2019	3	95	102	1	7	19	1.64
2019	3	95	102	1	8	18	1.57
2019	3	95	102	1	9	19	1.29
2019	3	95	102	1	10	18	1.92
2019	3	95	102	1	11	19	1.68
2019	3	95	102	1	12	19	2.06
2019	3	95	102	1	13	19	0.85
2019	3	95	102	1	14	18	1.40
2019	3	95	102	1	15	19	2.91
2019	3	95	102	1	16	18	1.13
2019	3	95	102	1	17	18	2.51
2019	3	95	102	1	18	18	1.71
2019	3	95	102	1	19	18	1.22
2019	3	95	102	1	20	19	2.67
2019	3	95	102	1	21	18	1.17
2019	3	95	102	1	22	18	1.35
2019	3	95	102	1	23	19	2.03
2019	3	95	102	1	24	18	1.33
2019	3	95	102	1	25	19	1.05
2019	3	95	102	1	26	19	1.56
2019	3	95	102	1	27	18	2.24
2019	3	95	102	1	28	19	1.92
2019	3	95	102	1	29	19	2.09
2019	3	95	102	1	30	18	1.66
2019	3	95	102	1	31	19	1.65



INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

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ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	95	102	2	1	19	0.00
2019	3	95	102	2	2	18	0.00
2019	3	95	102	2	3	20	0.00
2019	3	95	102	2	4	19	0.00
2019	3	95	102	2	5	19	0.00
2019	3	95	102	2	6	20	0.58
2019	3	95	102	2	7	19	0.62
2019	3	95	102	2	8	18	0.44
2019	3	95	102	2	9	20	0.39
2019	3	95	102	2	10	18	0.15
2019	3	95	102	2	11	19	0.00
2019	3	95	102	2	12	19	0.29
2019	3	95	102	2	13	19	0.28
2019	3	95	102	2	14	18	0.28
2019	3	95	102	2	15	20	0.71
2019	3	95	102	2	16	19	0.00
2019	3	95	102	2	17	18	0.00
2019	3	95	102	2	18	19	0.30
2019	3	95	102	2	19	18	0.00
2019	3	95	102	2	20	19	0.00
2019	3	95	102	2	21	18	0.00
2019	3	95	102	2	22	18	0.00
2019	3	95	102	2	23	19	0.00
2019	3	95	102	2	24	18	0.10
2019	3	95	102	2	25	19	0.00
2019	3	95	102	2	26	20	0.00
2019	3	95	102	2	27	19	0.00
2019	3	95	102	2	28	19	0.00
2019	3	95	102	2	29	19	0.39
2019	3	95	102	2	30	19	0.31
2019	3	95	102	2	31	18	0.00
2019	3	99	102	1	1	19	1.89
2019	3	99	102	1	2	19	2.25
2019	3	99	102	1	3	19	2.51
2019	3	99	102	1	4	19	2.20
2019	3	99	102	1	5	19	1.25
2019	3	99	102	1	6	19	1.40
2019	3	99	102	1	7	19	1.21
2019	3	99	102	1	8	19	1.31
2019	3	99	102	1	9	18	1.51
2019	3	99	102	1	10	18	1.50
2019	3	99	102	1	11	19	1.57
2019	3	99	102	1	12	19	1.67
2019	3	99	102	1	13	19	1.64
2019	3	99	102	1	14	19	1.81
2019	3	99	102	1	15	19	1.31
2019	3	99	102	1	16	19	1.40
2019	3	99	102	1	17	19	0.78
2019	3	99	102	1	18	18	1.08
2019	3	99	102	1	19	19	1.28
2019	3	99	102	1	20	19	1.26
2019	3	99	102	1	21	19	2.29
2019	3	99	102	1	22	19	1.44
2019	3	99	102	1	23	19	5.17
2019	3	99	102	1	24	19	1.78





INDICADORES CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MOVIL

F2\_2\_PORC\_LLAM\_CAIDA\_2G3G\_DPTO - MARZO DE 2019

ANNO	MES	ID_DEPARTAMENTO	ID_ZONA	ID_TECNOLOGIA _ACCESO	DIA	HORA_PICO_ RESTO_DPTO	PORCENTAJE_LLAMADAS _CAIDAS
2019	3	99	102	1	25	19	1.36
2019	3	99	102	1	26	19	1.48
2019	3	99	102	1	27	19	1.77
2019	3	99	102	1	28	19	2.41
2019	3	99	102	1	29	18	1.32
2019	3	99	102	1	30	19	1.95
2019	3	99	102	1	31	19	1.35
2019	3	99	102	2	1	19	0.80
2019	3	99	102	2	2	19	0.92
2019	3	99	102	2	3	20	1.14
2019	3	99	102	2	4	19	0.68
2019	3	99	102	2	5	19	0.87
2019	3	99	102	2	6	20	0.75
2019	3	99	102	2	7	18	0.64
2019	3	99	102	2	8	19	0.66
2019	3	99	102	2	9	19	1.11
2019	3	99	102	2	10	19	1.18
2019	3	99	102	2	11	19	1.05
2019	3	99	102	2	12	18	0.44
2019	3	99	102	2	13	19	1.01
2019	3	99	102	2	14	19	0.49
2019	3	99	102	2	15	18	0.64
2019	3	99	102	2	16	9	0.67
2019	3	99	102	2	17	19	0.53
2019	3	99	102	2	18	18	0.84
2019	3	99	102	2	19	19	0.77
2019	3	99	102	2	20	19	0.83
2019	3	99	102	2	21	18	0.50
2019	3	99	102	2	22	18	1.18
2019	3	99	102	2	23	18	0.49
2019	3	99	102	2	24	20	1.10
2019	3	99	102	2	25	19	1.00
2019	3	99	102	2	26	18	0.67
2019	3	99	102	2	27	19	0.67
2019	3	99	102	2	28	18	0.83
2019	3	99	102	2	29	18	0.78
2019	3	99	102	2	30	19	0.90
2019	3	99	102	2	31	19	1.56