



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 5               | 102     | 2                    | 1   | 11                   | 1,48                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 2   | 10                   | 1,53                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 3   | 19                   | 1,86                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 4   | 19                   | 2,09                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 5   | 10                   | 1,69                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 6   | 19                   | 2,52                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 7   | 19                   | 2,1                        |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 8   | 10                   | 1,6                        |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 9   | 10                   | 1,49                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 10  | 19                   | 1,77                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 11  | 10                   | 1,52                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 12  | 10                   | 1,48                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 13  | 10                   | 1,55                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 14  | 10                   | 1,63                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 15  | 10                   | 1,41                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 16  | 10                   | 1,47                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 17  | 19                   | 1,8                        |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 18  | 10                   | 1,51                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 19  | 9                    | 1,51                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 20  | 10                   | 2,19                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 21  | 10                   | 1,63                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 22  | 10                   | 1,67                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 23  | 11                   | 1,59                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 24  | 19                   | 1,96                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 25  | 10                   | 1,53                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 26  | 10                   | 1,83                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 27  | 10                   | 1,74                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 28  | 10                   | 1,65                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 29  | 10                   | 1,69                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 30  | 10                   | 1,46                       |
| 2022 | 3         | 7            | 5               | 102     | 2                    | 31  | 19                   | 1,75                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 1   | 11                   | 1,11                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 2   | 10                   | 0,96                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 3   | 11                   | 1,01                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 4   | 10                   | 1,07                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 5   | 10                   | 1,03                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 6   | 19                   | 1,24                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 7   | 19                   | 1,17                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 8   | 10                   | 0,87                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 9   | 10                   | 0,92                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 10  | 11                   | 0,83                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 11  | 10                   | 0,84                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 12  | 10                   | 0,82                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 13  | 10                   | 0,92                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 14  | 19                   | 1,05                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 15  | 10                   | 0,84                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 16  | 11                   | 0,68                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 17  | 11                   | 0,71                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 18  | 10                   | 0,9                        |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 19  | 10                   | 0,9                        |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 20  | 10                   | 0,88                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 21  | 10                   | 0,84                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 22  | 10                   | 0,86                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 23  | 10                   | 0,92                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 24  | 11                   | 0,89                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 25  | 10                   | 0,88                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 26  | 10                   | 0,9                        |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 27  | 10                   | 0,83                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 28  | 10                   | 1,21                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 29  | 10                   | 0,82                       |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 30  | 10                   | 0,8                        |
| 2022 | 3         | 7            | 8               | 102     | 2                    | 31  | 11                   | 0,9                        |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 1   | 19                   | 2,14                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 2   | 10                   | 1,22                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 3   | 19                   | 1,73                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 4   | 19                   | 3                          |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 5   | 19                   | 2,41                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 6   | 19                   | 2,83                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 7   | 19                   | 1,98                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 8   | 19                   | 2,1                        |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 9   | 10                   | 1,26                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 10  | 19                   | 2                          |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 11  | 19                   | 2,95                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 12  | 19                   | 2,77                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 13  | 19                   | 2,33                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 14  | 19                   | 2,78                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 15  | 19                   | 2,05                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 16  | 10                   | 1,35                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 17  | 19                   | 1,52                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 18  | 19                   | 2,1                        |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 19  | 19                   | 2,46                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 20  | 19                   | 3,05                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 21  | 19                   | 2,23                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 22  | 19                   | 3                          |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 23  | 19                   | 1,74                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 24  | 19                   | 1,65                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 25  | 19                   | 2,02                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 26  | 19                   | 4,75                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 27  | 19                   | 3,76                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 28  | 19                   | 4,14                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 29  | 19                   | 4,05                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 30  | 10                   | 1,29                       |
| 2022 | 3         | 7            | 13              | 102     | 2                    | 31  | 19                   | 2,68                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 1   | 10                   | 1,37                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 2   | 10                   | 1,55                       |



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|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 15              | 102     | 2                    | 3   | 10                   | 1,73                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 4   | 10                   | 1,68                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 5   | 10                   | 1,39                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 6   | 10                   | 1,95                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 7   | 18                   | 1,77                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 8   | 10                   | 1,33                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 9   | 10                   | 1,24                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 10  | 10                   | 1,23                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 11  | 10                   | 1,25                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 12  | 10                   | 3,68                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 13  | 10                   | 1,71                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 14  | 10                   | 1,23                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 15  | 9                    | 1,22                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 16  | 10                   | 1,27                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 17  | 10                   | 1,23                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 18  | 9                    | 1,27                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 19  | 9                    | 2,12                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 20  | 10                   | 1,28                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 21  | 18                   | 1,57                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 22  | 10                   | 1,28                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 23  | 10                   | 1,77                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 24  | 10                   | 1,28                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 25  | 10                   | 1,28                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 26  | 9                    | 1,16                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 27  | 10                   | 1,07                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 28  | 10                   | 1,13                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 29  | 9                    | 1,59                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 30  | 10                   | 1,01                       |
| 2022 | 3         | 7            | 15              | 102     | 2                    | 31  | 10                   | 1,12                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 1   | 10                   | 1,19                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 2   | 10                   | 1,04                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 3   | 19                   | 1,19                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 4   | 19                   | 1,37                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 5   | 10                   | 1,49                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 6   | 10                   | 1,14                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 7   | 19                   | 1,48                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 8   | 10                   | 1,18                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 9   | 10                   | 1,01                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 10  | 19                   | 1,3                        |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 11  | 10                   | 1,33                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 12  | 10                   | 1,57                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 13  | 10                   | 1,33                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 14  | 10                   | 1,34                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 15  | 10                   | 1,38                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 16  | 10                   | 1,09                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 17  | 19                   | 1,9                        |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 18  | 10                   | 1,28                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 19  | 10                   | 1,53                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 20  | 10                   | 1,75                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 21  | 10                   | 3,09                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 22  | 10                   | 1,34                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 23  | 10                   | 1,09                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 24  | 19                   | 2,32                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 25  | 10                   | 1,35                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 26  | 10                   | 2,09                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 27  | 10                   | 1,5                        |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 28  | 10                   | 1,69                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 29  | 10                   | 1,71                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 30  | 10                   | 2,15                       |
| 2022 | 3         | 7            | 17              | 102     | 2                    | 31  | 19                   | 1,7                        |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 1   | 19                   | 3,32                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 2   | 10                   | 1,82                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 3   | 19                   | 2,71                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 4   | 19                   | 3,23                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 5   | 19                   | 2,6                        |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 6   | 19                   | 2,78                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 7   | 19                   | 2,93                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 8   | 19                   | 1,97                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 9   | 19                   | 1,6                        |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 10  | 19                   | 1,68                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 11  | 19                   | 2,17                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 12  | 19                   | 2,03                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 13  | 19                   | 2,89                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 14  | 19                   | 3,28                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 15  | 19                   | 3,34                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 16  | 19                   | 1,98                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 17  | 19                   | 3,18                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 18  | 19                   | 3,08                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 19  | 19                   | 3,45                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 20  | 19                   | 4,11                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 21  | 19                   | 3,24                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 22  | 19                   | 2,36                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 23  | 10                   | 1,77                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 24  | 19                   | 1,92                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 25  | 19                   | 2,35                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 26  | 9                    | 2,34                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 27  | 19                   | 2,71                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 28  | 19                   | 2,44                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 29  | 19                   | 2,06                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 30  | 10                   | 1,54                       |
| 2022 | 3         | 7            | 18              | 102     | 2                    | 31  | 19                   | 1,86                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 1   | 19                   | 2,25                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 2   | 19                   | 1,82                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 3   | 19                   | 1,99                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 4   | 19                   | 2,23                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 19              | 102     | 2                    | 5   | 19                   | 2,16                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 6   | 19                   | 4,64                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 7   | 19                   | 2,1                        |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 8   | 19                   | 2                          |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 9   | 19                   | 1,78                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 10  | 19                   | 2,23                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 11  | 19                   | 2,36                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 12  | 19                   | 2,23                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 13  | 19                   | 2,31                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 14  | 19                   | 2,45                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 15  | 19                   | 2,1                        |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 16  | 10                   | 1,23                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 17  | 19                   | 1,91                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 18  | 19                   | 2,17                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 19  | 19                   | 2,61                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 20  | 19                   | 2,25                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 21  | 19                   | 2,06                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 22  | 19                   | 2,09                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 23  | 19                   | 1,72                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 24  | 19                   | 1,77                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 25  | 19                   | 2,14                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 26  | 19                   | 2,7                        |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 27  | 19                   | 2,33                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 28  | 19                   | 2,13                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 29  | 19                   | 1,92                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 30  | 10                   | 1,22                       |
| 2022 | 3         | 7            | 19              | 102     | 2                    | 31  | 19                   | 1,71                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 1   | 10                   | 1,37                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 2   | 10                   | 1,04                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 3   | 19                   | 1,87                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 4   | 19                   | 1,82                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 5   | 19                   | 1,43                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 6   | 19                   | 1,77                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 7   | 19                   | 1,32                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 8   | 19                   | 1,34                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 9   | 19                   | 1,2                        |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 10  | 19                   | 2,08                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 11  | 19                   | 1,2                        |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 12  | 19                   | 1,28                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 13  | 19                   | 1,63                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 14  | 19                   | 1,15                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 15  | 19                   | 1,12                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 16  | 10                   | 1,52                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 17  | 19                   | 1,21                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 18  | 19                   | 1,28                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 19  | 19                   | 1,77                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 20  | 9                    | 1,25                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 21  | 19                   | 1,92                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 22  | 19                   | 1,28                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 23  | 10                   | 1,1                        |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 24  | 19                   | 1,32                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 25  | 19                   | 1,21                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 26  | 19                   | 1,31                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 27  | 10                   | 1,07                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 28  | 19                   | 1,69                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 29  | 19                   | 1,44                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 30  | 9                    | 1,05                       |
| 2022 | 3         | 7            | 20              | 102     | 2                    | 31  | 19                   | 1,17                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 1   | 19                   | 2,47                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 2   | 10                   | 1,91                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 3   | 19                   | 1,96                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 4   | 10                   | 2,07                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 5   | 19                   | 2,43                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 6   | 19                   | 2,24                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 7   | 19                   | 2,37                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 8   | 10                   | 1,81                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 9   | 9                    | 1,51                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 10  | 19                   | 2,13                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 11  | 19                   | 2,55                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 12  | 19                   | 2,65                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 13  | 19                   | 2,39                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 14  | 19                   | 2,54                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 15  | 19                   | 2,21                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 16  | 10                   | 1,72                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 17  | 19                   | 2,84                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 18  | 19                   | 3,44                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 19  | 9                    | 2,55                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 20  | 19                   | 2,51                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 21  | 19                   | 2,43                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 22  | 19                   | 2,15                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 23  | 10                   | 1,51                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 24  | 19                   | 1,91                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 25  | 19                   | 2,04                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 26  | 20                   | 2,77                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 27  | 19                   | 2,87                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 28  | 10                   | 1,55                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 29  | 19                   | 2,47                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 30  | 10                   | 1,59                       |
| 2022 | 3         | 7            | 23              | 102     | 2                    | 31  | 19                   | 2,34                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 1   | 12                   | 1,78                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 2   | 10                   | 1,82                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 3   | 10                   | 1,86                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 4   | 10                   | 1,88                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 5   | 10                   | 1,6                        |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 6   | 12                   | 1,67                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 25              | 102     | 2                    | 7   | 18                   | 1,82                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 8   | 10                   | 1,63                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 9   | 10                   | 1,53                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 10  | 19                   | 1,75                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 11  | 10                   | 1,33                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 12  | 10                   | 1,42                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 13  | 10                   | 1,46                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 14  | 10                   | 1,54                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 15  | 10                   | 1,71                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 16  | 10                   | 1,76                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 17  | 19                   | 1,74                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 18  | 10                   | 1,62                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 19  | 10                   | 1,71                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 20  | 10                   | 1,77                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 21  | 10                   | 1,43                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 22  | 10                   | 1,39                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 23  | 10                   | 1,8                        |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 24  | 19                   | 1,66                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 25  | 10                   | 1,56                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 26  | 10                   | 1,37                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 27  | 10                   | 1,68                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 28  | 10                   | 1,28                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 29  | 10                   | 1,73                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 30  | 10                   | 1,34                       |
| 2022 | 3         | 7            | 25              | 102     | 2                    | 31  | 19                   | 1,94                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 1   | 19                   | 2,2                        |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 2   | 19                   | 1,3                        |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 3   | 19                   | 1,21                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 4   | 19                   | 1,39                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 5   | 19                   | 1,67                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 6   | 19                   | 1,65                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 7   | 19                   | 1,65                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 8   | 19                   | 1,7                        |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 9   | 19                   | 1,27                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 10  | 20                   | 1,75                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 11  | 19                   | 4,5                        |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 12  | 19                   | 1,54                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 13  | 19                   | 2,27                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 14  | 19                   | 1,68                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 15  | 19                   | 1,88                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 16  | 19                   | 1,7                        |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 17  | 19                   | 1,54                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 18  | 20                   | 2,36                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 19  | 19                   | 2,42                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 20  | 19                   | 2,44                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 21  | 11                   | 2,37                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 22  | 19                   | 2                          |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 23  | 19                   | 1,99                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 24  | 19                   | 4,14                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 25  | 19                   | 1,97                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 26  | 19                   | 2,46                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 27  | 19                   | 2,17                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 28  | 19                   | 2,78                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 29  | 19                   | 2,07                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 30  | 9                    | 1,33                       |
| 2022 | 3         | 7            | 27              | 102     | 2                    | 31  | 19                   | 2,23                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 1   | 10                   | 1,34                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 2   | 10                   | 1,71                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 3   | 19                   | 1,51                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 4   | 10                   | 1,35                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 5   | 10                   | 2,01                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 6   | 19                   | 1,91                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 7   | 19                   | 1,91                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 8   | 10                   | 1,4                        |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 9   | 10                   | 1,45                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 10  | 19                   | 1,93                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 11  | 10                   | 1,69                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 12  | 9                    | 1,44                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 13  | 10                   | 1,35                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 14  | 10                   | 1,39                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 15  | 10                   | 1,19                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 16  | 10                   | 1,23                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 17  | 19                   | 1,67                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 18  | 10                   | 1,45                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 19  | 9                    | 1,35                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 20  | 10                   | 1,47                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 21  | 9                    | 1,34                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 22  | 10                   | 1,29                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 23  | 10                   | 1,19                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 24  | 19                   | 1,61                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 25  | 10                   | 1,4                        |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 26  | 10                   | 1,57                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 27  | 10                   | 1,64                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 28  | 9                    | 1,65                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 29  | 10                   | 1,22                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 30  | 10                   | 1,08                       |
| 2022 | 3         | 7            | 41              | 102     | 2                    | 31  | 19                   | 1,73                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 1   | 19                   | 1,43                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 2   | 19                   | 1,28                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 3   | 19                   | 1,64                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 4   | 19                   | 2,56                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 5   | 19                   | 2,6                        |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 6   | 19                   | 1,74                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 7   | 20                   | 2,28                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 8   | 20                   | 2,29                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 44              | 102     | 2                    | 9   | 20                   | 2,64                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 10  | 19                   | 3,87                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 11  | 19                   | 2,78                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 12  | 10                   | 1,48                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 13  | 19                   | 1,54                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 14  | 19                   | 1,29                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 15  | 19                   | 2,01                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 16  | 10                   | 3,25                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 17  | 19                   | 2,41                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 18  | 19                   | 2,02                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 19  | 19                   | 1,92                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 20  | 19                   | 2,98                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 21  | 19                   | 5,16                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 22  | 19                   | 3,75                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 23  | 9                    | 2,09                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 24  | 20                   | 5,32                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 25  | 19                   | 2,29                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 26  | 20                   | 3,45                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 27  | 19                   | 2,39                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 28  | 19                   | 1,34                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 29  | 19                   | 1,21                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 30  | 10                   | 1,37                       |
| 2022 | 3         | 7            | 44              | 102     | 2                    | 31  | 19                   | 3,05                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 1   | 19                   | 1,69                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 2   | 10                   | 1,23                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 3   | 19                   | 1,57                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 4   | 19                   | 1,59                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 5   | 19                   | 2,03                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 6   | 19                   | 1,66                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 7   | 19                   | 2,07                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 8   | 19                   | 1,66                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 9   | 19                   | 1,39                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 10  | 19                   | 1,38                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 11  | 19                   | 1,78                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 12  | 19                   | 1,44                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 13  | 19                   | 1,82                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 14  | 19                   | 1,41                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 15  | 19                   | 1,28                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 16  | 10                   | 2,05                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 17  | 19                   | 1,27                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 18  | 19                   | 1,8                        |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 19  | 19                   | 1,94                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 20  | 19                   | 1,6                        |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 21  | 19                   | 1,95                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 22  | 19                   | 1,89                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 23  | 10                   | 1,63                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 24  | 19                   | 1,31                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 25  | 19                   | 1,58                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 26  | 19                   | 1,98                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 27  | 19                   | 1,72                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 28  | 19                   | 1,82                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 29  | 19                   | 1,54                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 30  | 10                   | 1,11                       |
| 2022 | 3         | 7            | 47              | 102     | 2                    | 31  | 19                   | 1,59                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 1   | 19                   | 1,99                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 2   | 19                   | 1,71                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 3   | 19                   | 1,82                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 4   | 19                   | 2,2                        |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 5   | 19                   | 1,98                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 6   | 19                   | 1,86                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 7   | 19                   | 1,88                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 8   | 19                   | 2                          |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 9   | 10                   | 1,48                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 10  | 19                   | 2,21                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 11  | 10                   | 1,68                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 12  | 19                   | 2,22                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 13  | 19                   | 2,15                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 14  | 10                   | 1,52                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 15  | 19                   | 1,91                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 16  | 10                   | 1,65                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 17  | 19                   | 2,03                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 18  | 19                   | 1,86                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 19  | 19                   | 2,21                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 20  | 19                   | 1,92                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 21  | 19                   | 2,01                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 22  | 19                   | 1,83                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 23  | 19                   | 1,62                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 24  | 19                   | 1,75                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 25  | 19                   | 1,86                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 26  | 19                   | 2,01                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 27  | 10                   | 1,65                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 28  | 19                   | 1,89                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 29  | 19                   | 1,9                        |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 30  | 10                   | 1,56                       |
| 2022 | 3         | 7            | 50              | 102     | 2                    | 31  | 19                   | 1,72                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 1   | 19                   | 1,91                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 2   | 19                   | 1,43                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 3   | 19                   | 1,57                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 4   | 19                   | 1,57                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 5   | 19                   | 1,64                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 6   | 19                   | 1,87                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 7   | 19                   | 1,77                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 8   | 19                   | 1,5                        |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 9   | 19                   | 1,37                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 10  | 19                   | 1,42                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 52              | 102     | 2                    | 11  | 18                   | 1,45                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 12  | 19                   | 1,77                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 13  | 19                   | 1,5                        |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 14  | 19                   | 1,7                        |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 15  | 19                   | 1,55                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 16  | 19                   | 1,38                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 17  | 19                   | 1,49                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 18  | 19                   | 1,63                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 19  | 19                   | 1,81                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 20  | 19                   | 1,76                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 21  | 20                   | 2,16                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 22  | 19                   | 1,84                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 23  | 19                   | 1,48                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 24  | 19                   | 1,57                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 25  | 19                   | 1,76                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 26  | 19                   | 2,16                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 27  | 20                   | 2,22                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 28  | 19                   | 1,73                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 29  | 19                   | 1,39                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 30  | 19                   | 1,37                       |
| 2022 | 3         | 7            | 52              | 102     | 2                    | 31  | 19                   | 1,33                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 1   | 10                   | 1,33                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 2   | 10                   | 1,42                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 3   | 10                   | 1,48                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 4   | 19                   | 2,88                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 5   | 10                   | 1,4                        |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 6   | 19                   | 2,83                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 7   | 19                   | 2,47                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 8   | 9                    | 1,51                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 9   | 10                   | 1,31                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 10  | 19                   | 1,89                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 11  | 19                   | 2,48                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 12  | 19                   | 2,89                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 13  | 19                   | 2,33                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 14  | 10                   | 1,49                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 15  | 10                   | 1,49                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 16  | 9                    | 1,27                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 17  | 10                   | 1,66                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 18  | 10                   | 1,74                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 19  | 9                    | 1,56                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 20  | 19                   | 2,48                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 21  | 19                   | 2,54                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 22  | 9                    | 1,46                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 23  | 10                   | 1,68                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 24  | 10                   | 1,76                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 25  | 19                   | 2,33                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 26  | 19                   | 2,34                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 27  | 9                    | 2,44                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 28  | 9                    | 1,43                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 29  | 19                   | 2,19                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 30  | 10                   | 1,46                       |
| 2022 | 3         | 7            | 54              | 102     | 2                    | 31  | 10                   | 2,32                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 1   | 10                   | 0,83                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 2   | 10                   | 0,71                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 3   | 11                   | 0,75                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 4   | 10                   | 1,18                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 5   | 10                   | 1,15                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 6   | 10                   | 1,16                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 7   | 19                   | 0,91                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 8   | 10                   | 0,87                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 9   | 10                   | 0,89                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 10  | 19                   | 0,85                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 11  | 10                   | 0,82                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 12  | 10                   | 0,74                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 13  | 10                   | 0,71                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 14  | 10                   | 0,86                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 15  | 10                   | 0,79                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 16  | 11                   | 0,72                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 17  | 19                   | 0,8                        |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 18  | 10                   | 0,74                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 19  | 10                   | 0,74                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 20  | 10                   | 0,83                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 21  | 10                   | 0,79                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 22  | 10                   | 0,93                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 23  | 11                   | 0,88                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 24  | 19                   | 0,74                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 25  | 10                   | 0,84                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 26  | 10                   | 0,85                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 27  | 10                   | 0,9                        |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 28  | 10                   | 0,84                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 29  | 10                   | 1                          |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 30  | 10                   | 0,79                       |
| 2022 | 3         | 7            | 63              | 102     | 2                    | 31  | 19                   | 0,89                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 1   | 10                   | 1,26                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 2   | 10                   | 1,03                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 3   | 19                   | 1,19                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 4   | 10                   | 1,4                        |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 5   | 10                   | 1,05                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 6   | 19                   | 1,36                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 7   | 19                   | 1,56                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 8   | 10                   | 1,12                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 9   | 10                   | 1                          |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 10  | 19                   | 1,01                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 11  | 10                   | 1,29                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 12  | 10                   | 1,03                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 66              | 102     | 2                    | 13  | 10                   | 1,1                        |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 14  | 10                   | 0,98                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 15  | 10                   | 1,16                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 16  | 10                   | 0,95                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 17  | 19                   | 1,19                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 18  | 10                   | 1,04                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 19  | 10                   | 1,05                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 20  | 10                   | 1,32                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 21  | 10                   | 1,96                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 22  | 10                   | 1,24                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 23  | 11                   | 0,96                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 24  | 19                   | 1,67                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 25  | 10                   | 1,02                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 26  | 10                   | 1,21                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 27  | 10                   | 0,96                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 28  | 10                   | 1,38                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 29  | 10                   | 0,91                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 30  | 10                   | 1,25                       |
| 2022 | 3         | 7            | 66              | 102     | 2                    | 31  | 19                   | 1,24                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 1   | 10                   | 1,77                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 2   | 10                   | 1,86                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 3   | 10                   | 1,92                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 4   | 10                   | 1,97                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 5   | 10                   | 1,87                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 6   | 9                    | 1,72                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 7   | 18                   | 2,04                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 8   | 9                    | 1,86                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 9   | 10                   | 1,69                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 10  | 19                   | 2,02                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 11  | 10                   | 2,07                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 12  | 9                    | 1,76                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 13  | 9                    | 1,58                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 14  | 10                   | 1,73                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 15  | 9                    | 1,58                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 16  | 9                    | 1,52                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 17  | 10                   | 1,45                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 18  | 10                   | 1,7                        |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 19  | 9                    | 1,66                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 20  | 10                   | 2,22                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 21  | 9                    | 1,83                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 22  | 10                   | 1,95                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 23  | 10                   | 1,77                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 24  | 19                   | 2,5                        |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 25  | 10                   | 1,99                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 26  | 10                   | 1,69                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 27  | 10                   | 2,23                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 28  | 9                    | 1,71                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 29  | 9                    | 1,71                       |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 30  | 10                   | 1,5                        |
| 2022 | 3         | 7            | 68              | 102     | 2                    | 31  | 10                   | 1,59                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 1   | 19                   | 1,95                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 2   | 19                   | 2,02                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 3   | 19                   | 1,85                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 4   | 19                   | 2,08                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 5   | 19                   | 2,31                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 6   | 19                   | 2,39                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 7   | 19                   | 2                          |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 8   | 19                   | 2,58                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 9   | 19                   | 1,83                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 10  | 19                   | 1,8                        |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 11  | 19                   | 2,14                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 12  | 19                   | 2,84                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 13  | 19                   | 2,43                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 14  | 19                   | 2,2                        |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 15  | 19                   | 1,81                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 16  | 9                    | 1,44                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 17  | 19                   | 2,4                        |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 18  | 19                   | 3,17                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 19  | 19                   | 3,05                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 20  | 19                   | 2,35                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 21  | 19                   | 2,28                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 22  | 19                   | 2,21                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 23  | 19                   | 1,8                        |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 24  | 19                   | 1,94                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 25  | 19                   | 2,09                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 26  | 20                   | 3,04                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 27  | 19                   | 2,34                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 28  | 20                   | 2,66                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 29  | 19                   | 3,02                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 30  | 19                   | 2,02                       |
| 2022 | 3         | 7            | 70              | 102     | 2                    | 31  | 19                   | 2,29                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 1   | 11                   | 2,25                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 2   | 10                   | 2,18                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 3   | 10                   | 2,04                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 4   | 10                   | 2,14                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 5   | 10                   | 2,05                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 6   | 10                   | 1,79                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 7   | 10                   | 1,71                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 8   | 10                   | 1,75                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 9   | 10                   | 1,81                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 10  | 19                   | 1,8                        |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 11  | 9                    | 2,31                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 12  | 10                   | 1,52                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 13  | 10                   | 1,59                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 14  | 10                   | 1,64                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 73              | 102     | 2                    | 15  | 10                   | 1,58                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 16  | 10                   | 1,76                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 17  | 11                   | 1,89                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 18  | 10                   | 2,04                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 19  | 10                   | 2,3                        |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 20  | 19                   | 2,56                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 21  | 10                   | 1,95                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 22  | 10                   | 1,87                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 23  | 10                   | 1,55                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 24  | 11                   | 1,74                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 25  | 10                   | 1,61                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 26  | 10                   | 1,65                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 27  | 10                   | 2,09                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 28  | 10                   | 1,63                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 29  | 9                    | 1,79                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 30  | 10                   | 1,41                       |
| 2022 | 3         | 7            | 73              | 102     | 2                    | 31  | 10                   | 1,39                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 1   | 11                   | 0,98                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 2   | 10                   | 1,07                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 3   | 11                   | 0,92                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 4   | 10                   | 0,93                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 5   | 10                   | 0,9                        |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 6   | 10                   | 1,01                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 7   | 10                   | 0,97                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 8   | 10                   | 1,08                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 9   | 10                   | 1,11                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 10  | 11                   | 0,98                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 11  | 10                   | 0,92                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 12  | 10                   | 0,87                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 13  | 10                   | 0,88                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 14  | 10                   | 0,91                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 15  | 10                   | 0,87                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 16  | 10                   | 0,86                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 17  | 11                   | 0,71                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 18  | 10                   | 0,84                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 19  | 10                   | 2,71                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 20  | 10                   | 0,9                        |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 21  | 10                   | 0,81                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 22  | 10                   | 0,99                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 23  | 11                   | 0,88                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 24  | 11                   | 0,75                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 25  | 11                   | 0,91                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 26  | 10                   | 1                          |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 27  | 10                   | 0,94                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 28  | 10                   | 0,91                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 29  | 10                   | 0,92                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 30  | 10                   | 0,88                       |
| 2022 | 3         | 7            | 76              | 102     | 2                    | 31  | 11                   | 0,99                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 1   | 18                   | 1,71                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 2   | 19                   | 1,67                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 3   | 19                   | 2,01                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 4   | 19                   | 2,03                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 5   | 19                   | 1,91                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 6   | 18                   | 1,76                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 7   | 18                   | 2,07                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 8   | 19                   | 2,17                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 9   | 19                   | 1,87                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 10  | 19                   | 1,85                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 11  | 18                   | 1,72                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 12  | 19                   | 2,07                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 13  | 19                   | 2,1                        |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 14  | 10                   | 1,53                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 15  | 19                   | 1,99                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 16  | 9                    | 1,37                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 17  | 19                   | 1,92                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 18  | 10                   | 1,45                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 19  | 19                   | 3,2                        |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 20  | 19                   | 1,9                        |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 21  | 18                   | 1,71                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 22  | 19                   | 2,2                        |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 23  | 19                   | 1,75                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 24  | 19                   | 1,84                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 25  | 18                   | 1,64                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 26  | 9                    | 2,29                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 27  | 9                    | 3,92                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 28  | 9                    | 2,44                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 29  | 9                    | 1,32                       |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 30  | 18                   | 1,7                        |
| 2022 | 3         | 7            | 81              | 102     | 2                    | 31  | 19                   | 2,13                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 1   | 18                   | 1,6                        |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 2   | 19                   | 1,79                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 3   | 19                   | 2,55                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 4   | 19                   | 2,14                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 5   | 19                   | 1,93                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 6   | 18                   | 1,71                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 7   | 19                   | 1,91                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 8   | 19                   | 2                          |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 9   | 19                   | 1,97                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 10  | 19                   | 1,86                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 11  | 18                   | 1,74                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 12  | 19                   | 1,92                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 13  | 19                   | 2,03                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 14  | 18                   | 2,2                        |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 15  | 19                   | 2,58                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 16  | 19                   | 1,5                        |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 85              | 102     | 2                    | 17  | 18                   | 2,98                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 18  | 19                   | 2,3                        |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 19  | 19                   | 1,86                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 20  | 19                   | 1,92                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 21  | 19                   | 2,11                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 22  | 19                   | 1,99                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 23  | 19                   | 1,72                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 24  | 19                   | 1,8                        |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 25  | 18                   | 1,8                        |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 26  | 19                   | 2,34                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 27  | 18                   | 1,85                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 28  | 19                   | 2,07                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 29  | 18                   | 1,78                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 30  | 18                   | 1,66                       |
| 2022 | 3         | 7            | 85              | 102     | 2                    | 31  | 19                   | 1,69                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 1   | 19                   | 2,02                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 2   | 19                   | 1,69                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 3   | 19                   | 1,97                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 4   | 19                   | 3,65                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 5   | 10                   | 1,45                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 6   | 19                   | 2,07                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 7   | 19                   | 2,73                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 8   | 19                   | 2,43                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 9   | 19                   | 2,15                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 10  | 19                   | 2,5                        |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 11  | 19                   | 2,68                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 12  | 19                   | 2,56                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 13  | 19                   | 2,89                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 14  | 19                   | 2,1                        |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 15  | 19                   | 1,7                        |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 16  | 19                   | 1,5                        |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 17  | 19                   | 1,87                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 18  | 19                   | 2,13                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 19  | 19                   | 2,02                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 20  | 19                   | 2,37                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 21  | 19                   | 2,18                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 22  | 19                   | 1,7                        |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 23  | 19                   | 2,14                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 24  | 19                   | 1,75                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 25  | 19                   | 1,94                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 26  | 10                   | 1,11                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 27  | 19                   | 1,93                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 28  | 19                   | 1,91                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 29  | 19                   | 1,68                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 30  | 19                   | 1,42                       |
| 2022 | 3         | 7            | 86              | 102     | 2                    | 31  | 19                   | 1,75                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 1   | 12                   | 0,71                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 2   | 20                   | 0,63                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 3   | 19                   | 5,94                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 4   | 20                   | 5,37                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 5   | 20                   | 4,82                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 6   | 20                   | 4,95                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 7   | 20                   | 4,81                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 8   | 20                   | 5,98                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 9   | 20                   | 5,07                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 10  | 19                   | 4,37                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 11  | 19                   | 4,38                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 12  | 20                   | 4,67                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 13  | 20                   | 5,89                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 14  | 20                   | 5,59                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 15  | 21                   | 3,93                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 16  | 20                   | 4,41                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 17  | 20                   | 3,69                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 18  | 20                   | 5,06                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 19  | 20                   | 4,95                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 20  | 20                   | 4,79                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 21  | 20                   | 1,22                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 22  | 19                   | 0,83                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 23  | 20                   | 0,59                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 24  | 19                   | 5,6                        |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 25  | 20                   | 3,8                        |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 26  | 20                   | 5,12                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 27  | 20                   | 4,87                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 28  | 20                   | 4,53                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 29  | 20                   | 4,79                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 30  | 21                   | 4,59                       |
| 2022 | 3         | 7            | 88              | 102     | 2                    | 31  | 19                   | 4,38                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 1   | 19                   | 3,68                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 2   | 19                   | 1,42                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 3   | 19                   | 0,71                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 4   | 20                   | 5,77                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 5   | 19                   | 1,74                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 6   | 19                   | 2,72                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 7   | 19                   | 1,29                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 8   | 19                   | 1,7                        |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 9   | 19                   | 1,04                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 10  | 20                   | 12,2                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 11  | 19                   | 19,6                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 12  | 19                   | 6,62                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 13  | 19                   | 1,01                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 14  | 19                   | 6,24                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 15  | 19                   | 1,21                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 16  | 19                   | 11,13                      |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 17  | 9                    | 10,97                      |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 18  | 20                   | 4,09                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 91              | 102     | 2                    | 19  | 19                   | 0,88                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 20  | 18                   | 1,55                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 21  | 19                   | 0,97                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 22  | 20                   | 1,45                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 23  | 19                   | 13,11                      |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 24  | 19                   | 5,1                        |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 25  | 19                   | 1,73                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 26  | 9                    | 0,57                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 27  | 19                   | 0,69                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 28  | 20                   | 1,98                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 29  | 19                   | 3,18                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 30  | 20                   | 9,81                       |
| 2022 | 3         | 7            | 91              | 102     | 2                    | 31  | 20                   | 3,53                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 1   | 20                   | 13,64                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 2   | 20                   | 24,53                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 3   | 20                   | 18,18                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 4   | 19                   | 14,29                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 5   | 18                   | 4,59                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 6   | 19                   | 2,54                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 7   | 19                   | 7,35                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 8   | 20                   | 16,36                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 9   | 18                   | 6,15                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 10  | 21                   | 16,67                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 11  | 18                   | 11,83                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 12  | 19                   | 5,88                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 13  | 20                   | 3,95                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 14  | 18                   | 16,9                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 15  | 20                   | 22,22                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 16  | 20                   | 0                          |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 18  | 20                   | 33,33                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 19  | 20                   | 6,67                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 20  | 21                   | 16,67                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 21  | 21                   | 18,18                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 22  | 20                   | 11,76                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 23  | 20                   | 23,91                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 24  | 20                   | 9,38                       |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 25  | 20                   | 13,33                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 26  | 19                   | 23,44                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 27  | 19                   | 3,8                        |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 28  | 21                   | 16,67                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 29  | 19                   | 13,95                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 30  | 19                   | 15,09                      |
| 2022 | 3         | 7            | 94              | 102     | 2                    | 31  | 19                   | 13,89                      |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 1   | 19                   | 4,82                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 2   | 19                   | 4,04                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 3   | 19                   | 3,62                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 4   | 19                   | 3,72                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 5   | 19                   | 4,04                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 6   | 19                   | 3,23                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 7   | 19                   | 3,51                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 8   | 19                   | 3,33                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 9   | 19                   | 2,95                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 10  | 19                   | 2,51                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 11  | 19                   | 2,64                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 12  | 19                   | 2,92                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 13  | 18                   | 3,15                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 14  | 18                   | 2,62                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 15  | 18                   | 3                          |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 16  | 18                   | 2,36                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 17  | 19                   | 3,23                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 18  | 8                    | 2,11                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 19  | 18                   | 0,94                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 20  | 19                   | 1,81                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 21  | 18                   | 2,48                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 22  | 9                    | 2,78                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 23  | 17                   | 2,09                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 24  | 18                   | 2                          |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 25  | 18                   | 2,47                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 26  | 18                   | 8,65                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 27  | 18                   | 9,44                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 28  | 19                   | 7,38                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 29  | 19                   | 4,34                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 30  | 19                   | 5,11                       |
| 2022 | 3         | 7            | 95              | 102     | 2                    | 31  | 19                   | 6,1                        |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 1   | 17                   | 1,72                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 2   | 18                   | 0,76                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 3   | 20                   | 0,19                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 4   | 19                   | 0,54                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 5   | 19                   | 1,69                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 6   | 19                   | 1,54                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 7   | 18                   | 1,26                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 8   | 19                   | 1,93                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 9   | 18                   | 1,17                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 10  | 11                   | 0,53                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 11  | 19                   | 1,03                       |
| 2022 | 3         | 7            | 97              | 102     | 2                    | 12  | 9                    | 0,13                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 1   | 19                   | 1,94                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 2   | 18                   | 1,44                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 3   | 19                   | 2,03                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 4   | 18                   | 1,23                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 5   | 18                   | 1,38                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 6   | 18                   | 1,91                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 7   | 19                   | 1,41                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 8   | 10                   | 17,85                      |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 9   | 19                   | 5,04                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 7            | 99              | 102     | 2                    | 10  | 18                   | 1,5                        |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 11  | 18                   | 1,14                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 12  | 19                   | 2,93                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 13  | 19                   | 1,82                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 14  | 19                   | 3,85                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 15  | 19                   | 4,22                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 16  | 19                   | 1,43                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 17  | 18                   | 1,42                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 18  | 19                   | 1,75                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 19  | 19                   | 1,65                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 20  | 19                   | 1,02                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 21  | 18                   | 1,74                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 22  | 19                   | 1,45                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 23  | 19                   | 2,01                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 24  | 19                   | 1,93                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 25  | 18                   | 2,83                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 26  | 19                   | 1,79                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 27  | 18                   | 1,43                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 28  | 19                   | 2,15                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 29  | 18                   | 1,34                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 30  | 9                    | 6,12                       |
| 2022 | 3         | 7            | 99              | 102     | 2                    | 31  | 19                   | 1,79                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 1   | 10                   | 1,7                        |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 2   | 10                   | 1,61                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 3   | 10                   | 1,72                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 4   | 10                   | 1,64                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 5   | 10                   | 1,61                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 6   | 11                   | 1,8                        |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 7   | 19                   | 1,9                        |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 8   | 10                   | 1,73                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 9   | 10                   | 1,86                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 10  | 10                   | 3,63                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 11  | 10                   | 1,73                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 12  | 10                   | 1,54                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 13  | 10                   | 1,39                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 14  | 10                   | 1,49                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 15  | 19                   | 2,23                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 16  | 10                   | 1,7                        |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 17  | 10                   | 1,64                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 18  | 10                   | 1,76                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 19  | 10                   | 1,6                        |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 20  | 10                   | 1,59                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 21  | 19                   | 2,23                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 22  | 10                   | 2,45                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 23  | 10                   | 1,53                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 24  | 10                   | 1,73                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 25  | 10                   | 1,65                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 26  | 10                   | 1,68                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 27  | 10                   | 1,61                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 28  | 19                   | 1,66                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 29  | 11                   | 2,06                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 30  | 10                   | 1,75                       |
| 2022 | 3         | 8            | 5               | 102     | 2                    | 31  | 10                   | 1,45                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 1   | 10                   | 0,83                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 2   | 10                   | 0,83                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 3   | 10                   | 0,94                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 4   | 10                   | 0,96                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 5   | 19                   | 1,09                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 6   | 10                   | 1,38                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 7   | 11                   | 0,76                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 8   | 10                   | 0,78                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 9   | 10                   | 0,76                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 10  | 10                   | 0,89                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 11  | 10                   | 0,79                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 12  | 10                   | 0,95                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 13  | 10                   | 1,05                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 14  | 11                   | 0,87                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 15  | 11                   | 0,83                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 16  | 10                   | 0,85                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 17  | 10                   | 0,84                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 18  | 10                   | 0,77                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 19  | 10                   | 0,86                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 20  | 10                   | 0,87                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 21  | 11                   | 0,96                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 22  | 10                   | 0,96                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 23  | 10                   | 0,83                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 24  | 10                   | 0,75                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 25  | 10                   | 1,41                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 26  | 19                   | 1,29                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 27  | 10                   | 1,04                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 28  | 11                   | 1,02                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 29  | 19                   | 1,17                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 30  | 19                   | 1,49                       |
| 2022 | 3         | 8            | 8               | 102     | 2                    | 31  | 10                   | 1,12                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 1   | 10                   | 1,36                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 2   | 10                   | 1,55                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 3   | 19                   | 2,54                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 4   | 19                   | 3,36                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 5   | 19                   | 2,07                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 6   | 10                   | 2,07                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 7   | 19                   | 3,23                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 8   | 19                   | 2,38                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 9   | 10                   | 1,23                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 10  | 19                   | 2,02                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 11  | 19                   | 3,17                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 13              | 102     | 2                    | 12  | 9                    | 1,23                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 13  | 10                   | 1,22                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 14  | 19                   | 1,71                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 15  | 19                   | 5,57                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 16  | 10                   | 1,27                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 17  | 19                   | 3,89                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 18  | 19                   | 4,31                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 19  | 19                   | 3,47                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 20  | 10                   | 1,34                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 21  | 19                   | 4,3                        |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 22  | 19                   | 3,49                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 23  | 19                   | 3,07                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 24  | 9                    | 2,2                        |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 25  | 19                   | 3,93                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 26  | 19                   | 2,81                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 27  | 19                   | 2,01                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 28  | 19                   | 2                          |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 29  | 19                   | 2,8                        |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 30  | 19                   | 2,56                       |
| 2022 | 3         | 8            | 13              | 102     | 2                    | 31  | 19                   | 3,44                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 1   | 10                   | 1,3                        |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 2   | 9                    | 1,62                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 3   | 10                   | 0,98                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 4   | 9                    | 1,05                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 5   | 10                   | 1,15                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 6   | 10                   | 1,39                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 7   | 10                   | 1,66                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 8   | 10                   | 1,07                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 9   | 10                   | 1,25                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 10  | 18                   | 1,29                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 11  | 9                    | 1,26                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 12  | 9                    | 1,15                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 13  | 10                   | 1,35                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 14  | 10                   | 1,68                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 15  | 10                   | 1,47                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 16  | 10                   | 1,12                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 17  | 10                   | 1,12                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 18  | 9                    | 1,17                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 19  | 9                    | 1,11                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 20  | 10                   | 1,22                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 21  | 10                   | 1,15                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 22  | 10                   | 1,17                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 23  | 10                   | 1,3                        |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 24  | 9                    | 1,16                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 25  | 10                   | 1,41                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 26  | 9                    | 2,18                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 27  | 10                   | 1,23                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 28  | 10                   | 1,2                        |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 29  | 10                   | 1,23                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 30  | 9                    | 1,13                       |
| 2022 | 3         | 8            | 15              | 102     | 2                    | 31  | 10                   | 1,06                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 1   | 10                   | 2,91                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 2   | 10                   | 1,57                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 3   | 10                   | 1,94                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 4   | 10                   | 1,36                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 5   | 10                   | 1,79                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 6   | 10                   | 0,94                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 7   | 19                   | 1,15                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 8   | 10                   | 2,17                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 9   | 10                   | 1,12                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 10  | 10                   | 1,32                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 11  | 10                   | 2,02                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 12  | 10                   | 1,57                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 13  | 10                   | 0,99                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 14  | 10                   | 1,55                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 15  | 19                   | 1,37                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 16  | 10                   | 1,82                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 17  | 10                   | 1,28                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 18  | 10                   | 1,21                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 19  | 10                   | 1,09                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 20  | 10                   | 1,27                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 21  | 19                   | 1,23                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 22  | 10                   | 1,36                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 23  | 10                   | 1,21                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 24  | 10                   | 1,22                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 25  | 10                   | 1,35                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 26  | 10                   | 1,22                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 27  | 10                   | 1,16                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 28  | 19                   | 1,46                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 29  | 10                   | 1,22                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 30  | 10                   | 1,26                       |
| 2022 | 3         | 8            | 17              | 102     | 2                    | 31  | 10                   | 1,23                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 1   | 19                   | 2,18                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 2   | 19                   | 1,98                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 3   | 19                   | 2,27                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 4   | 19                   | 2,2                        |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 5   | 19                   | 1,78                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 6   | 19                   | 2,24                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 7   | 19                   | 2,42                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 8   | 19                   | 2,14                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 9   | 19                   | 2,22                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 10  | 19                   | 2,78                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 11  | 19                   | 2,24                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 12  | 19                   | 2,11                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 13  | 10                   | 1,53                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 18              | 102     | 2                    | 14  | 19                   | 1,79                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 15  | 19                   | 2,14                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 16  | 19                   | 2,28                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 17  | 19                   | 2,27                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 18  | 19                   | 2,99                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 19  | 19                   | 2,28                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 20  | 11                   | 1,73                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 21  | 19                   | 2,04                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 22  | 19                   | 2,28                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 23  | 19                   | 2,55                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 24  | 19                   | 3,11                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 25  | 19                   | 2,45                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 26  | 19                   | 2,38                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 27  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 28  | 19                   | 2,19                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 29  | 19                   | 2,88                       |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 30  | 19                   | 2,8                        |
| 2022 | 3         | 8            | 18              | 102     | 2                    | 31  | 19                   | 2,57                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 1   | 19                   | 2                          |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 2   | 19                   | 1,78                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 3   | 19                   | 2,19                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 4   | 19                   | 2,25                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 5   | 19                   | 1,91                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 6   | 19                   | 1,94                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 7   | 19                   | 1,83                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 8   | 19                   | 2,05                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 9   | 19                   | 2,08                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 10  | 19                   | 2,34                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 11  | 19                   | 2,07                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 12  | 19                   | 1,94                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 13  | 10                   | 1,48                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 14  | 19                   | 1,98                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 15  | 19                   | 2,07                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 16  | 19                   | 2,2                        |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 17  | 19                   | 2,29                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 18  | 19                   | 2,26                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 19  | 19                   | 2,05                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 20  | 19                   | 1,73                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 21  | 19                   | 1,95                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 22  | 19                   | 1,93                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 23  | 19                   | 2,53                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 24  | 19                   | 2,04                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 25  | 19                   | 1,95                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 26  | 19                   | 1,8                        |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 27  | 19                   | 1,74                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 28  | 19                   | 1,59                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 29  | 19                   | 2,11                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 30  | 19                   | 2,09                       |
| 2022 | 3         | 8            | 19              | 102     | 2                    | 31  | 19                   | 2,31                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 1   | 10                   | 1,68                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 2   | 19                   | 1,19                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 3   | 19                   | 1,72                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 4   | 10                   | 2,11                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 5   | 19                   | 1,41                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 6   | 10                   | 1,29                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 7   | 19                   | 1,18                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 8   | 19                   | 1,9                        |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 9   | 19                   | 1,67                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 10  | 10                   | 1,13                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 11  | 19                   | 2,09                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 12  | 9                    | 1,88                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 13  | 10                   | 1,53                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 14  | 11                   | 1,18                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 15  | 19                   | 1,31                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 16  | 19                   | 1,51                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 17  | 9                    | 1,06                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 18  | 19                   | 1,42                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 19  | 10                   | 1,05                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 20  | 10                   | 1,12                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 21  | 19                   | 1,41                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 22  | 19                   | 2,07                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 23  | 19                   | 1,5                        |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 24  | 19                   | 1,85                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 25  | 19                   | 1,38                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 26  | 19                   | 1,41                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 27  | 19                   | 2,09                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 28  | 19                   | 1,34                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 29  | 19                   | 1,75                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 30  | 19                   | 1,67                       |
| 2022 | 3         | 8            | 20              | 102     | 2                    | 31  | 19                   | 1,91                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 1   | 9                    | 1,48                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 2   | 10                   | 1,93                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 3   | 19                   | 2,23                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 4   | 19                   | 2,68                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 5   | 10                   | 1,8                        |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 6   | 10                   | 1,94                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 7   | 19                   | 2,38                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 8   | 19                   | 2,75                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 9   | 19                   | 2,93                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 10  | 19                   | 2,23                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 11  | 19                   | 2,69                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 12  | 19                   | 3,08                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 13  | 10                   | 1,58                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 14  | 19                   | 2                          |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 15  | 19                   | 2,36                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 23              | 102     | 2                    | 16  | 20                   | 2,37                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 17  | 19                   | 2,24                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 18  | 19                   | 2,24                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 19  | 19                   | 2,17                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 20  | 19                   | 2,07                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 21  | 19                   | 2,11                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 22  | 19                   | 2,23                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 23  | 19                   | 2,19                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 24  | 19                   | 2,51                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 25  | 19                   | 3,05                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 26  | 19                   | 2,61                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 27  | 9                    | 1,95                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 28  | 19                   | 2,14                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 29  | 19                   | 2,25                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 30  | 19                   | 2,06                       |
| 2022 | 3         | 8            | 23              | 102     | 2                    | 31  | 19                   | 2,24                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 1   | 10                   | 1,28                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 2   | 10                   | 1,64                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 3   | 10                   | 1,3                        |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 4   | 10                   | 1,3                        |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 5   | 10                   | 1,32                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 6   | 10                   | 1,61                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 7   | 19                   | 1,51                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 8   | 10                   | 1,34                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 9   | 10                   | 1,37                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 10  | 10                   | 1,3                        |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 11  | 10                   | 1,51                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 12  | 10                   | 1,46                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 13  | 10                   | 1,72                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 14  | 10                   | 1,66                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 15  | 10                   | 1,88                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 16  | 10                   | 1,48                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 17  | 10                   | 1,42                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 18  | 10                   | 2,37                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 19  | 10                   | 1,44                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 20  | 10                   | 1,71                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 21  | 19                   | 1,65                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 22  | 10                   | 1,54                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 23  | 10                   | 1,37                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 24  | 10                   | 1,47                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 25  | 10                   | 1,55                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 26  | 10                   | 1,25                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 27  | 10                   | 1,33                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 28  | 19                   | 1,43                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 29  | 11                   | 1,39                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 30  | 10                   | 1,38                       |
| 2022 | 3         | 8            | 25              | 102     | 2                    | 31  | 10                   | 1,21                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 1   | 19                   | 2,38                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 2   | 20                   | 4,13                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 3   | 20                   | 4,09                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 4   | 19                   | 2,87                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 5   | 19                   | 2,67                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 6   | 19                   | 2,2                        |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 7   | 20                   | 1,98                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 8   | 19                   | 2,23                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 9   | 18                   | 2,51                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 10  | 20                   | 4,06                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 11  | 20                   | 2,53                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 12  | 19                   | 2,76                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 13  | 20                   | 2,68                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 14  | 10                   | 1,69                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 15  | 19                   | 3,22                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 16  | 20                   | 4,48                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 17  | 19                   | 2,47                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 18  | 20                   | 3,19                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 19  | 19                   | 2,16                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 20  | 20                   | 3,51                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 21  | 19                   | 2,19                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 22  | 19                   | 2,42                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 23  | 19                   | 2,75                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 24  | 19                   | 2,44                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 25  | 19                   | 2,83                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 26  | 19                   | 2,32                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 27  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 28  | 19                   | 2,22                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 29  | 19                   | 1,8                        |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 30  | 19                   | 2,54                       |
| 2022 | 3         | 8            | 27              | 102     | 2                    | 31  | 19                   | 2,79                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 1   | 10                   | 1,58                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 2   | 19                   | 1,54                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 3   | 9                    | 1,3                        |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 4   | 9                    | 1,32                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 5   | 9                    | 1,3                        |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 6   | 10                   | 1,11                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 7   | 19                   | 1,46                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 8   | 9                    | 1,35                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 9   | 19                   | 1,9                        |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 10  | 10                   | 1,45                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 11  | 9                    | 1,3                        |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 12  | 9                    | 1,33                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 13  | 10                   | 1,35                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 14  | 19                   | 1,71                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 15  | 19                   | 1,88                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 16  | 10                   | 1,3                        |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 17  | 9                    | 1,38                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 41              | 102     | 2                    | 18  | 19                   | 2,07                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 19  | 9                    | 1,46                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 20  | 10                   | 1,25                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 21  | 19                   | 1,9                        |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 22  | 10                   | 1,95                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 23  | 19                   | 2,1                        |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 24  | 9                    | 1,65                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 25  | 19                   | 1,94                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 26  | 9                    | 1,52                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 27  | 10                   | 1,31                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 28  | 19                   | 1,65                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 29  | 19                   | 2,13                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 30  | 19                   | 2,41                       |
| 2022 | 3         | 8            | 41              | 102     | 2                    | 31  | 19                   | 2,84                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 1   | 19                   | 2,14                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 2   | 19                   | 1,45                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 3   | 19                   | 3,01                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 4   | 19                   | 2,87                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 5   | 19                   | 2,7                        |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 6   | 19                   | 1,9                        |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 7   | 19                   | 2,27                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 8   | 19                   | 1,61                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 9   | 20                   | 2,28                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 10  | 19                   | 2,65                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 11  | 19                   | 2,6                        |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 12  | 19                   | 4,14                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 13  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 14  | 19                   | 2,63                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 15  | 19                   | 3,83                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 16  | 19                   | 1,55                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 17  | 20                   | 2,15                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 18  | 19                   | 1,85                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 19  | 19                   | 3,09                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 20  | 19                   | 2,81                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 21  | 19                   | 3,56                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 22  | 19                   | 4,09                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 23  | 19                   | 3,78                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 24  | 19                   | 3,04                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 25  | 19                   | 2,79                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 26  | 19                   | 3,27                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 27  | 9                    | 1,05                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 28  | 19                   | 1,45                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 29  | 19                   | 1,47                       |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 30  | 19                   | 11,69                      |
| 2022 | 3         | 8            | 44              | 102     | 2                    | 31  | 20                   | 1,95                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 1   | 10                   | 1,43                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 2   | 19                   | 1,47                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 3   | 19                   | 1,96                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 4   | 19                   | 1,7                        |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 5   | 19                   | 1,58                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 6   | 10                   | 1,54                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 7   | 19                   | 1,51                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 8   | 19                   | 2,04                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 9   | 19                   | 1,93                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 10  | 19                   | 1,82                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 11  | 19                   | 2,23                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 12  | 10                   | 1,61                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 13  | 10                   | 1,71                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 14  | 19                   | 1,44                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 15  | 19                   | 2,1                        |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 16  | 19                   | 1,69                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 17  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 18  | 19                   | 1,89                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 19  | 19                   | 1,9                        |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 20  | 10                   | 1,27                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 21  | 19                   | 1,59                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 22  | 19                   | 1,95                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 23  | 19                   | 2,11                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 24  | 19                   | 1,74                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 25  | 19                   | 1,77                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 26  | 19                   | 1,62                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 27  | 10                   | 1,71                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 28  | 19                   | 1,97                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 29  | 19                   | 1,76                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 30  | 19                   | 2,03                       |
| 2022 | 3         | 8            | 47              | 102     | 2                    | 31  | 19                   | 2,16                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 1   | 19                   | 1,7                        |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 2   | 18                   | 1,58                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 3   | 19                   | 2,41                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 4   | 19                   | 1,84                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 5   | 19                   | 1,72                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 6   | 10                   | 1,5                        |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 7   | 19                   | 1,61                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 8   | 19                   | 2,04                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 9   | 19                   | 1,79                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 10  | 19                   | 1,81                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 11  | 19                   | 1,72                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 12  | 19                   | 2,45                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 13  | 10                   | 1,56                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 14  | 19                   | 1,71                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 15  | 19                   | 2,31                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 16  | 10                   | 1,44                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 17  | 19                   | 1,8                        |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 18  | 19                   | 2,01                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 19  | 19                   | 1,9                        |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 50              | 102     | 2                    | 20  | 19                   | 1,65                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 21  | 19                   | 1,62                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 22  | 19                   | 1,79                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 23  | 19                   | 1,84                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 24  | 19                   | 1,96                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 25  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 26  | 19                   | 2,17                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 27  | 19                   | 1,66                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 28  | 19                   | 1,91                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 29  | 19                   | 2,05                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 30  | 19                   | 1,98                       |
| 2022 | 3         | 8            | 50              | 102     | 2                    | 31  | 19                   | 2,41                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 1   | 19                   | 1,46                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 2   | 20                   | 1,6                        |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 3   | 20                   | 1,68                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 4   | 19                   | 1,49                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 5   | 19                   | 1,32                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 6   | 19                   | 1,14                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 7   | 19                   | 1,27                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 8   | 19                   | 1,55                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 9   | 20                   | 2                          |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 10  | 19                   | 2,03                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 11  | 20                   | 1,56                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 12  | 19                   | 2,56                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 13  | 19                   | 1,63                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 14  | 19                   | 1,53                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 15  | 19                   | 1,73                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 16  | 20                   | 1,58                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 17  | 19                   | 1,65                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 18  | 19                   | 1,57                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 19  | 19                   | 1,52                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 20  | 19                   | 1,18                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 21  | 19                   | 1,47                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 22  | 19                   | 1,85                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 23  | 20                   | 2,85                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 24  | 20                   | 1,69                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 25  | 19                   | 1,51                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 26  | 19                   | 1,37                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 27  | 19                   | 1,3                        |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 28  | 19                   | 1,28                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 29  | 19                   | 1,41                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 30  | 19                   | 1,66                       |
| 2022 | 3         | 8            | 52              | 102     | 2                    | 31  | 19                   | 1,7                        |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 1   | 10                   | 1,4                        |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 2   | 19                   | 2,05                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 3   | 19                   | 2,82                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 4   | 19                   | 2,47                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 5   | 9                    | 1,61                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 6   | 10                   | 1,43                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 7   | 19                   | 1,89                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 8   | 19                   | 2,62                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 9   | 9                    | 1,74                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 10  | 19                   | 5,9                        |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 11  | 19                   | 4,55                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 12  | 9                    | 2,06                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 13  | 10                   | 1,45                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 14  | 10                   | 1,5                        |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 15  | 19                   | 2,39                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 16  | 10                   | 1,35                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 17  | 19                   | 2,52                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 18  | 19                   | 2,65                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 19  | 19                   | 2,28                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 20  | 10                   | 1,5                        |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 21  | 19                   | 2,38                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 22  | 10                   | 1,78                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 23  | 19                   | 2,92                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 24  | 19                   | 3,04                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 25  | 19                   | 2,62                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 26  | 19                   | 2,52                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 27  | 10                   | 1,58                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 28  | 19                   | 2,04                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 29  | 9                    | 1,5                        |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 30  | 19                   | 2,84                       |
| 2022 | 3         | 8            | 54              | 102     | 2                    | 31  | 19                   | 2,49                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 1   | 11                   | 0,83                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 2   | 10                   | 0,77                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 3   | 10                   | 0,93                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 4   | 10                   | 0,85                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 5   | 10                   | 0,81                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 6   | 10                   | 0,66                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 7   | 19                   | 0,76                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 8   | 10                   | 0,69                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 9   | 10                   | 0,74                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 10  | 10                   | 0,86                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 11  | 10                   | 1,01                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 12  | 10                   | 1,38                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 13  | 10                   | 1                          |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 14  | 19                   | 0,89                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 15  | 10                   | 0,95                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 16  | 10                   | 0,96                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 17  | 10                   | 1,3                        |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 18  | 10                   | 0,95                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 19  | 10                   | 0,94                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 20  | 10                   | 0,88                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 21  | 19                   | 0,85                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 63              | 102     | 2                    | 22  | 10                   | 0,99                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 23  | 10                   | 0,95                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 24  | 10                   | 1,11                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 25  | 10                   | 0,9                        |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 26  | 10                   | 0,85                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 27  | 10                   | 1,45                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 28  | 19                   | 1,48                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 29  | 10                   | 1,13                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 30  | 10                   | 1,19                       |
| 2022 | 3         | 8            | 63              | 102     | 2                    | 31  | 10                   | 1,37                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 1   | 10                   | 1,35                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 2   | 10                   | 1,2                        |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 3   | 10                   | 1,11                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 4   | 10                   | 1,05                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 5   | 10                   | 1,19                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 6   | 11                   | 0,93                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 7   | 19                   | 1,24                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 8   | 10                   | 1,45                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 9   | 10                   | 1,17                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 10  | 10                   | 1                          |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 11  | 10                   | 2,05                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 12  | 10                   | 1,3                        |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 13  | 10                   | 1,21                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 14  | 19                   | 1,66                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 15  | 10                   | 1,88                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 16  | 10                   | 1,15                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 17  | 10                   | 1                          |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 18  | 10                   | 1,08                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 19  | 10                   | 1,07                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 20  | 10                   | 1,11                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 21  | 19                   | 1,25                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 22  | 10                   | 1,18                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 23  | 10                   | 1,01                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 24  | 10                   | 1,08                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 25  | 10                   | 1,04                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 26  | 10                   | 0,99                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 27  | 10                   | 0,91                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 28  | 19                   | 1,06                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 29  | 10                   | 0,84                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 30  | 10                   | 0,93                       |
| 2022 | 3         | 8            | 66              | 102     | 2                    | 31  | 10                   | 0,97                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 1   | 10                   | 1,44                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 2   | 10                   | 2,14                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 3   | 10                   | 1,68                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 4   | 9                    | 1,88                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 5   | 10                   | 1,89                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 6   | 10                   | 1,62                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 7   | 10                   | 1,74                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 8   | 10                   | 1,68                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 9   | 10                   | 1,62                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 10  | 9                    | 1,65                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 11  | 9                    | 1,55                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 12  | 10                   | 1,86                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 13  | 10                   | 1,97                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 14  | 10                   | 2,04                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 15  | 10                   | 1,94                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 16  | 10                   | 1,56                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 17  | 9                    | 1,5                        |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 18  | 9                    | 1,66                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 19  | 9                    | 1,66                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 20  | 10                   | 1,56                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 21  | 19                   | 2,01                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 22  | 10                   | 1,38                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 23  | 10                   | 1,52                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 24  | 9                    | 1,62                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 25  | 9                    | 1,88                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 26  | 9                    | 1,64                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 27  | 10                   | 1,66                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 28  | 19                   | 2,01                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 29  | 9                    | 1,44                       |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 30  | 9                    | 1,5                        |
| 2022 | 3         | 8            | 68              | 102     | 2                    | 31  | 10                   | 1,47                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 1   | 19                   | 2,53                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 2   | 10                   | 1,51                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 3   | 19                   | 2,3                        |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 4   | 19                   | 3,13                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 5   | 19                   | 2,34                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 6   | 19                   | 2,21                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 7   | 19                   | 2,19                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 8   | 19                   | 4,43                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 9   | 19                   | 3,93                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 10  | 19                   | 6,5                        |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 11  | 20                   | 3,07                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 12  | 19                   | 2,95                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 13  | 19                   | 3,05                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 14  | 19                   | 2,65                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 15  | 10                   | 2,18                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 16  | 19                   | 3,06                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 17  | 19                   | 3,14                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 18  | 19                   | 3,94                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 19  | 19                   | 3,81                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 20  | 19                   | 3,33                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 21  | 19                   | 3,48                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 22  | 19                   | 3,84                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 23  | 19                   | 3,88                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 70              | 102     | 2                    | 24  | 19                   | 3,21                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 25  | 19                   | 5,83                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 26  | 19                   | 4,26                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 27  | 19                   | 2,95                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 28  | 19                   | 3,05                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 29  | 19                   | 3,14                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 30  | 19                   | 3,45                       |
| 2022 | 3         | 8            | 70              | 102     | 2                    | 31  | 19                   | 2,89                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 1   | 10                   | 1,5                        |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 2   | 10                   | 2,07                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 3   | 9                    | 1,69                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 4   | 10                   | 1,5                        |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 5   | 10                   | 1,63                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 6   | 10                   | 1,73                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 7   | 10                   | 1,58                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 8   | 10                   | 1,6                        |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 9   | 10                   | 1,44                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 10  | 10                   | 1,43                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 11  | 10                   | 1,46                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 12  | 10                   | 1,8                        |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 13  | 10                   | 1,66                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 14  | 10                   | 1,55                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 15  | 10                   | 1,89                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 16  | 10                   | 1,57                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 17  | 10                   | 1,58                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 18  | 10                   | 1,8                        |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 19  | 10                   | 1,9                        |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 20  | 10                   | 1,93                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 21  | 10                   | 1,73                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 22  | 10                   | 1,58                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 23  | 10                   | 1,94                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 24  | 9                    | 1,72                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 25  | 9                    | 1,56                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 26  | 9                    | 1,71                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 27  | 10                   | 1,48                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 28  | 19                   | 1,73                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 29  | 19                   | 1,95                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 30  | 10                   | 1,51                       |
| 2022 | 3         | 8            | 73              | 102     | 2                    | 31  | 10                   | 1,92                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 1   | 10                   | 0,84                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 2   | 10                   | 0,95                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 3   | 10                   | 0,85                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 4   | 10                   | 1,05                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 5   | 10                   | 0,91                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 6   | 10                   | 1,06                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 7   | 11                   | 0,94                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 8   | 10                   | 0,88                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 9   | 10                   | 0,84                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 10  | 10                   | 0,84                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 11  | 10                   | 0,82                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 12  | 10                   | 1,02                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 13  | 10                   | 1,22                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 14  | 11                   | 0,91                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 15  | 10                   | 0,86                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 16  | 10                   | 1,11                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 17  | 10                   | 1,03                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 18  | 10                   | 1,02                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 19  | 10                   | 1,46                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 20  | 10                   | 1,2                        |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 21  | 19                   | 0,89                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 22  | 10                   | 0,96                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 23  | 10                   | 0,9                        |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 24  | 10                   | 1,04                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 25  | 10                   | 3,03                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 26  | 10                   | 1,08                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 27  | 10                   | 1,28                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 28  | 19                   | 0,81                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 29  | 10                   | 1,19                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 30  | 10                   | 0,96                       |
| 2022 | 3         | 8            | 76              | 102     | 2                    | 31  | 10                   | 0,96                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 1   | 9                    | 1,43                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 2   | 18                   | 1,65                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 3   | 19                   | 2,43                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 4   | 19                   | 2,04                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 5   | 19                   | 1,7                        |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 6   | 18                   | 2,23                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 7   | 19                   | 1,87                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 8   | 9                    | 1,36                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 9   | 19                   | 3,52                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 10  | 19                   | 2,81                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 11  | 9                    | 1,34                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 12  | 9                    | 1,39                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 13  | 18                   | 1,54                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 14  | 19                   | 1,92                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 15  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 16  | 10                   | 1,51                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 17  | 19                   | 3,24                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 18  | 19                   | 2,24                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 19  | 19                   | 2,06                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 20  | 19                   | 2,69                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 21  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 22  | 9                    | 1,37                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 23  | 19                   | 2,34                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 24  | 9                    | 1,93                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 25  | 19                   | 1,95                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 81              | 102     | 2                    | 26  | 18                   | 1,75                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 27  | 19                   | 1,87                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 28  | 19                   | 2,06                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 29  | 19                   | 2,26                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 30  | 19                   | 2,29                       |
| 2022 | 3         | 8            | 81              | 102     | 2                    | 31  | 18                   | 2,19                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 1   | 19                   | 1,93                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 2   | 18                   | 1,88                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 3   | 19                   | 2,42                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 4   | 19                   | 1,99                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 5   | 19                   | 2,59                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 6   | 18                   | 1,57                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 7   | 19                   | 1,81                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 8   | 19                   | 1,98                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 9   | 18                   | 1,73                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 10  | 19                   | 2,8                        |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 11  | 19                   | 2,67                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 12  | 19                   | 2,11                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 13  | 18                   | 1,57                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 14  | 19                   | 1,94                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 15  | 19                   | 2,24                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 16  | 10                   | 1,42                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 17  | 19                   | 2,2                        |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 18  | 19                   | 2,34                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 19  | 19                   | 2,02                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 20  | 18                   | 1,81                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 21  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 22  | 19                   | 2,42                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 23  | 19                   | 2,26                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 24  | 19                   | 2,57                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 25  | 19                   | 2,09                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 26  | 18                   | 1,83                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 27  | 19                   | 1,86                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 28  | 19                   | 1,91                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 29  | 19                   | 2,26                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 30  | 19                   | 2,08                       |
| 2022 | 3         | 8            | 85              | 102     | 2                    | 31  | 19                   | 2,24                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 1   | 19                   | 2,09                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 2   | 19                   | 1,96                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 3   | 19                   | 3,8                        |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 4   | 19                   | 1,89                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 5   | 19                   | 2,29                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 6   | 19                   | 1,64                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 7   | 20                   | 1,82                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 8   | 19                   | 2,04                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 9   | 19                   | 2,6                        |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 10  | 19                   | 2,06                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 11  | 20                   | 2,18                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 12  | 19                   | 2,14                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 13  | 19                   | 2,3                        |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 14  | 19                   | 2,55                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 15  | 19                   | 4,58                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 16  | 19                   | 1,92                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 17  | 19                   | 2,3                        |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 18  | 20                   | 1,98                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 19  | 19                   | 1,85                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 20  | 18                   | 1,34                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 21  | 19                   | 1,99                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 22  | 19                   | 5,4                        |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 23  | 19                   | 7,15                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 24  | 19                   | 2,5                        |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 25  | 19                   | 3,86                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 26  | 19                   | 2,71                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 27  | 19                   | 1,32                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 28  | 19                   | 1,65                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 29  | 19                   | 1,72                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 30  | 19                   | 1,65                       |
| 2022 | 3         | 8            | 86              | 102     | 2                    | 31  | 19                   | 2,39                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 1   | 20                   | 4,57                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 2   | 20                   | 4,38                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 3   | 20                   | 4,06                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 4   | 20                   | 4,02                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 5   | 19                   | 3,9                        |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 6   | 9                    | 2,85                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 7   | 19                   | 5,04                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 8   | 20                   | 3,06                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 9   | 20                   | 3,79                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 10  | 20                   | 3,54                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 11  | 20                   | 3,84                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 12  | 11                   | 3,34                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 13  | 19                   | 4,96                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 14  | 19                   | 2,91                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 15  | 20                   | 3,48                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 16  | 20                   | 0,47                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 17  | 20                   | 0,7                        |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 18  | 20                   | 1,39                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 19  | 20                   | 0,65                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 20  | 20                   | 0,44                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 21  | 20                   | 0,87                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 22  | 20                   | 1,19                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 23  | 20                   | 1,08                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 24  | 20                   | 0,84                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 25  | 19                   | 0,65                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 26  | 20                   | 0,71                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 27  | 19                   | 0,49                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 88              | 102     | 2                    | 28  | 19                   | 0,76                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 29  | 20                   | 4,77                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 30  | 20                   | 3,52                       |
| 2022 | 3         | 8            | 88              | 102     | 2                    | 31  | 19                   | 0,83                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 1   | 19                   | 3,08                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 2   | 19                   | 2,01                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 3   | 20                   | 2,66                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 4   | 19                   | 7,28                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 5   | 19                   | 8,86                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 6   | 19                   | 8,45                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 7   | 20                   | 10,51                      |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 8   | 19                   | 1,67                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 9   | 19                   | 4,16                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 10  | 20                   | 0,55                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 11  | 19                   | 2,62                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 12  | 19                   | 0,7                        |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 13  | 9                    | 2,92                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 14  | 20                   | 1,4                        |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 15  | 20                   | 5,46                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 16  | 19                   | 7,01                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 17  | 20                   | 1,47                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 18  | 20                   | 14,1                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 19  | 10                   | 0,52                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 20  | 19                   | 24,25                      |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 21  | 20                   | 19,8                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 22  | 19                   | 1,05                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 23  | 18                   | 0,66                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 24  | 19                   | 1,86                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 25  | 19                   | 1,56                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 26  | 18                   | 0,85                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 27  | 20                   | 15,05                      |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 28  | 19                   | 20,17                      |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 29  | 19                   | 1,09                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 30  | 20                   | 2,94                       |
| 2022 | 3         | 8            | 91              | 102     | 2                    | 31  | 20                   | 3,92                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 1   | 19                   | 18,95                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 2   | 18                   | 5,49                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 3   | 20                   | 14,73                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 4   | 20                   | 19,48                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 5   | 20                   | 16,13                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 6   | 18                   | 7,23                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 7   | 20                   | 21,05                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 8   | 19                   | 13,33                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 9   | 19                   | 10,53                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 10  | 19                   | 100                        |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 11  | 18                   | 50                         |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 12  | 18                   | 0                          |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 13  | 15                   | 1,18                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 14  | 19                   | 0                          |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 15  | 19                   | 3,53                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 16  | 20                   | 7,41                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 17  | 18                   | 2,34                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 18  | 21                   | 1,85                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 19  | 19                   | 15,12                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 20  | 17                   | 6,25                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 21  | 19                   | 5,56                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 22  | 19                   | 5,32                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 23  | 19                   | 12,2                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 24  | 19                   | 5,71                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 25  | 20                   | 14,58                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 26  | 19                   | 4,73                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 27  | 19                   | 2,43                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 28  | 20                   | 10,81                      |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 29  | 19                   | 8,33                       |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 30  | 20                   | 10                         |
| 2022 | 3         | 8            | 94              | 102     | 2                    | 31  | 20                   | 10,49                      |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 1   | 19                   | 6,14                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 2   | 19                   | 5,09                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 3   | 18                   | 8,06                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 4   | 19                   | 7,8                        |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 5   | 11                   | 7,22                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 6   | 19                   | 7,07                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 7   | 20                   | 7,51                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 8   | 19                   | 7,54                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 9   | 18                   | 6,56                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 10  | 19                   | 6,55                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 11  | 18                   | 6,51                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 12  | 19                   | 5,48                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 13  | 18                   | 5,11                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 14  | 18                   | 6,4                        |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 15  | 19                   | 7,46                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 16  | 18                   | 5,39                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 17  | 18                   | 6,25                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 18  | 19                   | 8,58                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 19  | 10                   | 3,64                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 20  | 18                   | 6,44                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 21  | 19                   | 1,64                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 22  | 17                   | 2,18                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 23  | 18                   | 3,59                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 24  | 19                   | 1,58                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 25  | 18                   | 1,75                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 26  | 18                   | 3,99                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 27  | 18                   | 1,61                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 28  | 18                   | 1,91                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 29  | 19                   | 3,97                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 8            | 95              | 102     | 2                    | 30  | 19                   | 2,66                       |
| 2022 | 3         | 8            | 95              | 102     | 2                    | 31  | 19                   | 2,52                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 6   | 15                   | 2,45                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 7   | 20                   | 2,13                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 8   | 17                   | 1,83                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 9   | 19                   | 0,86                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 10  | 20                   | 0,96                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 11  | 19                   | 0,75                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 12  | 15                   | 0,39                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 13  | 19                   | 1,58                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 14  | 19                   | 2,3                        |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 15  | 21                   | 0,44                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 16  | 19                   | 0,79                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 17  | 20                   | 4,38                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 18  | 19                   | 1,76                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 19  | 19                   | 0,12                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 20  | 18                   | 1,5                        |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 21  | 20                   | 1,42                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 22  | 18                   | 0,16                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 23  | 20                   | 2,9                        |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 24  | 20                   | 10,48                      |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 25  | 18                   | 2,36                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 26  | 18                   | 3,88                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 27  | 10                   | 0,43                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 28  | 20                   | 0,36                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 29  | 20                   | 0                          |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 30  | 20                   | 1,63                       |
| 2022 | 3         | 8            | 97              | 102     | 2                    | 31  | 19                   | 1,67                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 1   | 18                   | 1,48                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 2   | 18                   | 1,29                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 3   | 19                   | 1,77                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 4   | 19                   | 1,92                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 5   | 18                   | 4,15                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 6   | 19                   | 1,74                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 7   | 19                   | 1,97                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 8   | 19                   | 1,79                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 9   | 18                   | 2,03                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 10  | 19                   | 1,89                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 11  | 18                   | 4,66                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 12  | 18                   | 4,67                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 13  | 19                   | 1,89                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 14  | 20                   | 2,22                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 15  | 19                   | 3,38                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 16  | 18                   | 1,3                        |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 17  | 18                   | 1,28                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 18  | 19                   | 2,98                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 19  | 18                   | 1,67                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 20  | 19                   | 2,87                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 21  | 19                   | 2,37                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 22  | 19                   | 2,2                        |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 23  | 19                   | 2,13                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 24  | 19                   | 2,58                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 25  | 18                   | 5,72                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 26  | 18                   | 1,91                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 27  | 18                   | 2,45                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 28  | 19                   | 1,66                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 29  | 19                   | 2,57                       |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 30  | 19                   | 1,7                        |
| 2022 | 3         | 8            | 99              | 102     | 2                    | 31  | 19                   | 2,58                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 1   | 10                   | 1,41                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 2   | 10                   | 1,48                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 3   | 11                   | 2,08                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 4   | 19                   | 2,27                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 5   | 10                   | 1,67                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 6   | 10                   | 2,29                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 7   | 10                   | 1,99                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 8   | 10                   | 1,68                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 9   | 10                   | 1,62                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 10  | 10                   | 1,49                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 11  | 19                   | 2,14                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 12  | 10                   | 1,97                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 13  | 10                   | 1,51                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 14  | 10                   | 1,59                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 15  | 10                   | 1,53                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 16  | 10                   | 1,66                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 17  | 10                   | 1,51                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 18  | 19                   | 1,84                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 19  | 10                   | 1,72                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 20  | 10                   | 1,62                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 21  | 10                   | 1,54                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 22  | 10                   | 1,64                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 23  | 10                   | 1,95                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 24  | 10                   | 1,65                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 25  | 19                   | 2,14                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 26  | 10                   | 2,43                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 27  | 10                   | 1,64                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 28  | 10                   | 1,76                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 29  | 10                   | 1,56                       |
| 2022 | 3         | 9            | 5               | 102     | 2                    | 30  | 10                   | 1,54                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 1   | 10                   | 1                          |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 2   | 10                   | 1,02                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 3   | 10                   | 0,86                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 4   | 11                   | 0,78                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 5   | 10                   | 0,8                        |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 6   | 19                   | 1,17                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 8               | 102     | 2                    | 7   | 10                   | 0,73                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 8   | 10                   | 0,75                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 9   | 10                   | 0,82                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 10  | 10                   | 1                          |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 11  | 11                   | 0,93                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 12  | 10                   | 0,86                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 13  | 10                   | 0,79                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 14  | 10                   | 1,72                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 15  | 10                   | 0,78                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 16  | 19                   | 0,87                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 17  | 10                   | 0,77                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 18  | 11                   | 0,67                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 19  | 19                   | 1,07                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 20  | 10                   | 0,75                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 21  | 10                   | 0,75                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 22  | 10                   | 0,9                        |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 23  | 19                   | 1,16                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 24  | 10                   | 0,98                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 25  | 11                   | 0,86                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 26  | 10                   | 0,81                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 27  | 10                   | 1,11                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 28  | 10                   | 0,83                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 29  | 10                   | 0,87                       |
| 2022 | 3         | 9            | 8               | 102     | 2                    | 30  | 10                   | 0,88                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 1   | 19                   | 2,46                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 2   | 19                   | 2,78                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 3   | 19                   | 2,1                        |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 4   | 19                   | 2,57                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 5   | 19                   | 3,18                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 6   | 19                   | 3,2                        |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 7   | 19                   | 2,65                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 8   | 19                   | 2,73                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 9   | 19                   | 2,65                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 10  | 19                   | 2,45                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 11  | 19                   | 1,88                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 12  | 19                   | 2,3                        |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 13  | 19                   | 3,09                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 14  | 19                   | 1,96                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 15  | 19                   | 2,07                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 16  | 19                   | 1,74                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 17  | 10                   | 1,67                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 18  | 19                   | 2,52                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 19  | 19                   | 3,41                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 20  | 19                   | 2,06                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 21  | 19                   | 2,31                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 22  | 19                   | 2,71                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 23  | 10                   | 1,44                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 24  | 10                   | 1,39                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 25  | 19                   | 1,83                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 26  | 19                   | 2,12                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 27  | 19                   | 2,39                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 28  | 19                   | 2,08                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 29  | 19                   | 2,28                       |
| 2022 | 3         | 9            | 13              | 102     | 2                    | 30  | 19                   | 1,99                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 1   | 9                    | 1,18                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 2   | 9                    | 3,75                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 3   | 10                   | 1,23                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 4   | 10                   | 1,18                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 5   | 10                   | 1,14                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 6   | 9                    | 3,59                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 7   | 10                   | 1,14                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 8   | 9                    | 1,07                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 9   | 10                   | 1,99                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 10  | 10                   | 1,16                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 11  | 10                   | 1,27                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 12  | 9                    | 1,26                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 13  | 10                   | 1,27                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 14  | 9                    | 1,05                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 15  | 9                    | 1,76                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 16  | 9                    | 1,48                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 17  | 10                   | 1,14                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 18  | 10                   | 1,18                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 19  | 10                   | 1,17                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 20  | 9                    | 1,29                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 21  | 10                   | 1,17                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 22  | 9                    | 2                          |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 23  | 10                   | 1,61                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 24  | 10                   | 1,45                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 25  | 10                   | 1,39                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 26  | 10                   | 1,6                        |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 27  | 10                   | 1,36                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 28  | 10                   | 1,55                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 29  | 10                   | 1,41                       |
| 2022 | 3         | 9            | 15              | 102     | 2                    | 30  | 9                    | 1,49                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 1   | 10                   | 1,29                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 2   | 10                   | 1,23                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 3   | 10                   | 1,11                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 4   | 19                   | 1,36                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 5   | 10                   | 1,22                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 6   | 10                   | 1,26                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 7   | 10                   | 1,24                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 8   | 10                   | 1,07                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 9   | 19                   | 1,37                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 10  | 10                   | 0,89                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 11  | 19                   | 1,27                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 17              | 102     | 2                    | 12  | 10                   | 1,16                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 13  | 10                   | 1,15                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 14  | 10                   | 1,07                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 15  | 10                   | 1,6                        |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 16  | 10                   | 1,19                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 17  | 10                   | 0,88                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 18  | 19                   | 1,28                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 19  | 10                   | 1,22                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 20  | 10                   | 1,16                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 21  | 19                   | 1,38                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 22  | 10                   | 1,16                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 23  | 10                   | 1,11                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 24  | 10                   | 0,94                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 25  | 19                   | 1,21                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 26  | 10                   | 1,32                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 27  | 10                   | 1,5                        |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 28  | 19                   | 1,54                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 29  | 10                   | 1,27                       |
| 2022 | 3         | 9            | 17              | 102     | 2                    | 30  | 10                   | 1,27                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 1   | 19                   | 2,17                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 2   | 19                   | 2,62                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 3   | 19                   | 1,85                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 4   | 19                   | 2,1                        |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 5   | 19                   | 1,96                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 6   | 19                   | 2,06                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 7   | 19                   | 2,1                        |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 8   | 19                   | 2,34                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 9   | 19                   | 1,93                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 10  | 19                   | 1,55                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 11  | 19                   | 2,18                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 12  | 19                   | 2,36                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 13  | 19                   | 2,02                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 14  | 19                   | 2,52                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 15  | 19                   | 2,02                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 16  | 19                   | 2,01                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 17  | 19                   | 1,5                        |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 18  | 19                   | 1,78                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 19  | 10                   | 1,36                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 20  | 19                   | 2,53                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 21  | 19                   | 2,49                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 22  | 19                   | 2,64                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 23  | 19                   | 2,93                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 24  | 19                   | 2,4                        |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 25  | 19                   | 2,41                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 26  | 19                   | 2,71                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 27  | 19                   | 2,67                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 28  | 19                   | 3,47                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 29  | 19                   | 2,27                       |
| 2022 | 3         | 9            | 18              | 102     | 2                    | 30  | 9                    | 2,28                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 1   | 19                   | 2,39                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 2   | 19                   | 2,52                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 3   | 19                   | 1,96                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 4   | 19                   | 2,67                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 5   | 19                   | 2,38                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 6   | 19                   | 3,8                        |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 7   | 19                   | 2,58                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 8   | 19                   | 2,54                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 9   | 19                   | 2,44                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 10  | 19                   | 1,99                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 11  | 19                   | 2,02                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 12  | 19                   | 2,26                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 13  | 19                   | 2,61                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 14  | 19                   | 2,52                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 15  | 19                   | 2,25                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 16  | 19                   | 2,34                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 17  | 19                   | 2,25                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 18  | 19                   | 1,97                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 19  | 19                   | 2,45                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 20  | 19                   | 3                          |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 21  | 19                   | 2,57                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 22  | 19                   | 3,53                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 23  | 19                   | 2,63                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 24  | 10                   | 1,96                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 25  | 19                   | 2,1                        |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 26  | 19                   | 2,41                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 27  | 19                   | 2,37                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 28  | 19                   | 2,79                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 29  | 19                   | 2,52                       |
| 2022 | 3         | 9            | 19              | 102     | 2                    | 30  | 9                    | 1,52                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 1   | 19                   | 2,72                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 2   | 19                   | 1,85                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 3   | 10                   | 1,24                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 4   | 19                   | 1,56                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 5   | 19                   | 1,52                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 6   | 19                   | 2,42                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 7   | 19                   | 1,63                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 8   | 10                   | 1,37                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 9   | 19                   | 1,88                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 10  | 9                    | 1,19                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 11  | 19                   | 1,6                        |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 12  | 9                    | 1,13                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 13  | 19                   | 1,7                        |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 14  | 9                    | 1,24                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 15  | 9                    | 1,52                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 16  | 19                   | 1,93                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 20              | 102     | 2                    | 17  | 10                   | 1,57                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 18  | 19                   | 2,27                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 19  | 19                   | 1,64                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 20  | 19                   | 1,87                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 21  | 19                   | 1,92                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 22  | 19                   | 2,08                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 23  | 19                   | 1,63                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 24  | 10                   | 1,32                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 25  | 19                   | 1,56                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 26  | 19                   | 1,7                        |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 27  | 19                   | 1,55                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 28  | 10                   | 1,31                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 29  | 9                    | 1,49                       |
| 2022 | 3         | 9            | 20              | 102     | 2                    | 30  | 9                    | 1,46                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 1   | 19                   | 2,47                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 2   | 19                   | 2,36                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 3   | 19                   | 2,39                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 4   | 19                   | 2,26                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 5   | 19                   | 4,02                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 6   | 19                   | 2,27                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 7   | 19                   | 6,46                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 8   | 19                   | 2,44                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 9   | 19                   | 2,28                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 10  | 19                   | 2,16                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 11  | 19                   | 2,38                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 12  | 19                   | 2,8                        |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 13  | 19                   | 2,8                        |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 14  | 19                   | 2,93                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 15  | 19                   | 2,47                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 16  | 19                   | 2,47                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 17  | 9                    | 1,55                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 18  | 10                   | 1,76                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 19  | 19                   | 4,07                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 20  | 19                   | 3,59                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 21  | 19                   | 4,97                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 22  | 19                   | 2,95                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 23  | 19                   | 4,76                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 24  | 9                    | 2,19                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 25  | 19                   | 2,7                        |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 26  | 19                   | 3,31                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 27  | 19                   | 2,94                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 28  | 19                   | 3,28                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 29  | 9                    | 1,67                       |
| 2022 | 3         | 9            | 23              | 102     | 2                    | 30  | 19                   | 2,3                        |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 1   | 10                   | 1,12                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 2   | 10                   | 1,33                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 3   | 10                   | 1,33                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 4   | 19                   | 1,51                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 5   | 10                   | 1,31                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 6   | 9                    | 1,25                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 7   | 10                   | 1,36                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 8   | 10                   | 1,34                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 9   | 10                   | 1,32                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 10  | 10                   | 1,21                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 11  | 10                   | 1,21                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 12  | 10                   | 1,19                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 13  | 10                   | 1,85                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 14  | 10                   | 1,95                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 15  | 10                   | 1,15                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 16  | 10                   | 1,26                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 17  | 10                   | 1,23                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 18  | 19                   | 1,39                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 19  | 10                   | 1,61                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 20  | 10                   | 1,65                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 21  | 10                   | 1,4                        |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 22  | 10                   | 1,37                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 23  | 10                   | 1,31                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 24  | 10                   | 1,34                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 25  | 19                   | 1,42                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 26  | 10                   | 1,58                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 27  | 10                   | 1,26                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 28  | 10                   | 1,27                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 29  | 10                   | 1,18                       |
| 2022 | 3         | 9            | 25              | 102     | 2                    | 30  | 10                   | 1,3                        |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 1   | 19                   | 4,7                        |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 2   | 19                   | 2,63                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 3   | 9                    | 1,23                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 4   | 19                   | 1,89                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 5   | 19                   | 2,18                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 6   | 19                   | 2,1                        |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 7   | 19                   | 2,36                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 8   | 20                   | 3                          |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 9   | 19                   | 1,9                        |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 10  | 19                   | 3,2                        |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 11  | 19                   | 1,84                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 12  | 19                   | 3,36                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 13  | 19                   | 1,97                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 14  | 20                   | 2,05                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 15  | 19                   | 1,75                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 16  | 19                   | 1,87                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 17  | 19                   | 1,55                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 18  | 19                   | 1,96                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 19  | 19                   | 2,26                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 20  | 19                   | 2,51                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 21  | 19                   | 1,86                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 27              | 102     | 2                    | 22  | 19                   | 2,07                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 23  | 19                   | 2,04                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 24  | 18                   | 2,82                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 25  | 19                   | 1,68                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 26  | 19                   | 1,78                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 27  | 19                   | 1,94                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 28  | 19                   | 2,11                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 29  | 19                   | 3,18                       |
| 2022 | 3         | 9            | 27              | 102     | 2                    | 30  | 19                   | 1,77                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 1   | 19                   | 2,63                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 2   | 9                    | 1,64                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 3   | 10                   | 1,74                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 4   | 19                   | 1,83                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 5   | 19                   | 2,28                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 6   | 19                   | 2,36                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 7   | 19                   | 2,4                        |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 8   | 9                    | 1,61                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 9   | 9                    | 1,67                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 10  | 10                   | 1,57                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 11  | 19                   | 1,99                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 12  | 9                    | 2,27                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 13  | 19                   | 2,29                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 14  | 19                   | 2,35                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 15  | 19                   | 2,37                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 16  | 10                   | 1,34                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 17  | 10                   | 1,6                        |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 18  | 19                   | 2,18                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 19  | 19                   | 3,32                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 20  | 19                   | 2,62                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 21  | 19                   | 2,42                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 22  | 19                   | 3,68                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 23  | 9                    | 1,7                        |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 24  | 10                   | 1,71                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 25  | 19                   | 2                          |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 26  | 9                    | 1,63                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 27  | 19                   | 2,5                        |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 28  | 9                    | 1,58                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 29  | 19                   | 2,39                       |
| 2022 | 3         | 9            | 41              | 102     | 2                    | 30  | 9                    | 1,96                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 1   | 19                   | 8,66                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 2   | 19                   | 11,06                      |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 3   | 19                   | 11,47                      |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 4   | 19                   | 11,73                      |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 5   | 9                    | 4,39                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 6   | 19                   | 11,17                      |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 7   | 19                   | 9,98                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 8   | 9                    | 3,35                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 9   | 18                   | 2,75                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 10  | 19                   | 2,07                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 11  | 19                   | 2,94                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 12  | 10                   | 1,1                        |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 13  | 18                   | 1,48                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 14  | 19                   | 1,41                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 15  | 19                   | 1,84                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 16  | 19                   | 1,28                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 17  | 10                   | 1,14                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 18  | 19                   | 1,41                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 19  | 19                   | 2,69                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 20  | 19                   | 2,47                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 21  | 19                   | 2                          |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 22  | 19                   | 1,88                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 23  | 19                   | 1,81                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 24  | 19                   | 1,53                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 25  | 19                   | 1,46                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 26  | 19                   | 2,24                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 27  | 19                   | 1,62                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 28  | 19                   | 2,92                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 29  | 19                   | 2,18                       |
| 2022 | 3         | 9            | 44              | 102     | 2                    | 30  | 19                   | 2,26                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 1   | 19                   | 3,09                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 2   | 19                   | 2,15                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 3   | 10                   | 2,65                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 4   | 19                   | 1,71                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 5   | 19                   | 1,83                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 6   | 19                   | 2,21                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 7   | 19                   | 1,91                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 8   | 19                   | 2,02                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 9   | 19                   | 2,2                        |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 10  | 9                    | 1,3                        |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 11  | 19                   | 2,01                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 12  | 19                   | 1,99                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 13  | 19                   | 2,01                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 14  | 19                   | 2,33                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 15  | 19                   | 2,17                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 16  | 19                   | 2,16                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 17  | 10                   | 1,62                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 18  | 19                   | 2,24                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 19  | 19                   | 1,99                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 20  | 19                   | 1,99                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 21  | 19                   | 2,24                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 22  | 19                   | 2,52                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 23  | 19                   | 1,67                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 24  | 10                   | 1,41                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 25  | 19                   | 1,53                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 26  | 19                   | 2,16                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 47              | 102     | 2                    | 27  | 19                   | 1,76                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 28  | 19                   | 1,81                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 29  | 19                   | 1,92                       |
| 2022 | 3         | 9            | 47              | 102     | 2                    | 30  | 19                   | 2,27                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 1   | 18                   | 1,91                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 2   | 19                   | 2,16                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 3   | 18                   | 1,7                        |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 4   | 19                   | 2,08                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 5   | 19                   | 2,15                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 6   | 19                   | 1,96                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 7   | 19                   | 2,54                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 8   | 10                   | 1,63                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 9   | 19                   | 2,01                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 10  | 10                   | 1,67                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 11  | 19                   | 4,21                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 12  | 10                   | 1,92                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 13  | 18                   | 1,85                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 14  | 10                   | 1,57                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 15  | 19                   | 2,17                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 16  | 18                   | 1,81                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 17  | 19                   | 1,76                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 18  | 19                   | 2,25                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 19  | 10                   | 1,5                        |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 20  | 19                   | 2,67                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 21  | 19                   | 1,94                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 22  | 19                   | 2,39                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 23  | 19                   | 2,09                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 24  | 10                   | 1,89                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 25  | 19                   | 2,25                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 26  | 10                   | 2,01                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 27  | 19                   | 2,32                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 28  | 18                   | 2,59                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 29  | 19                   | 2,57                       |
| 2022 | 3         | 9            | 50              | 102     | 2                    | 30  | 18                   | 2,49                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 1   | 19                   | 1,9                        |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 2   | 19                   | 1,97                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 3   | 19                   | 1,5                        |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 4   | 20                   | 2,01                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 5   | 19                   | 1,74                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 6   | 19                   | 1,72                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 7   | 19                   | 2,21                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 8   | 19                   | 2,51                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 9   | 19                   | 1,55                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 10  | 19                   | 1,39                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 11  | 19                   | 1,42                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 12  | 19                   | 2,7                        |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 13  | 19                   | 1,96                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 14  | 19                   | 1,72                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 15  | 19                   | 1,82                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 16  | 19                   | 1,76                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 17  | 19                   | 1,3                        |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 18  | 19                   | 1,42                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 19  | 19                   | 1,78                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 20  | 19                   | 2,65                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 21  | 19                   | 1,83                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 22  | 19                   | 1,94                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 23  | 19                   | 1,84                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 24  | 19                   | 1,5                        |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 25  | 19                   | 1,67                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 26  | 19                   | 1,9                        |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 27  | 19                   | 1,97                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 28  | 19                   | 2,3                        |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 29  | 19                   | 1,99                       |
| 2022 | 3         | 9            | 52              | 102     | 2                    | 30  | 19                   | 2                          |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 1   | 19                   | 3,12                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 2   | 19                   | 2,59                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 3   | 9                    | 1,6                        |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 4   | 19                   | 2,07                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 5   | 19                   | 2,63                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 6   | 19                   | 2,75                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 7   | 19                   | 3,14                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 8   | 9                    | 1,85                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 9   | 18                   | 2,29                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 10  | 10                   | 1,6                        |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 11  | 19                   | 2,24                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 12  | 9                    | 1,6                        |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 13  | 19                   | 2,82                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 14  | 18                   | 2,56                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 15  | 9                    | 2,04                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 16  | 9                    | 1,57                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 17  | 10                   | 2,45                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 18  | 10                   | 1,99                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 19  | 19                   | 2,71                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 20  | 19                   | 2,78                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 21  | 19                   | 2,8                        |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 22  | 19                   | 3,48                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 23  | 9                    | 2,08                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 24  | 10                   | 1,74                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 25  | 19                   | 2,18                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 26  | 9                    | 2,04                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 27  | 18                   | 2,34                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 28  | 19                   | 3,16                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 29  | 9                    | 1,71                       |
| 2022 | 3         | 9            | 54              | 102     | 2                    | 30  | 9                    | 1,53                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 1   | 10                   | 0,97                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 63              | 102     | 2                    | 2   | 10                   | 0,98                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 3   | 10                   | 1,03                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 4   | 19                   | 1,06                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 5   | 10                   | 1,62                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 6   | 10                   | 0,9                        |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 7   | 10                   | 1,02                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 8   | 10                   | 0,91                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 9   | 10                   | 0,87                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 10  | 10                   | 0,92                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 11  | 19                   | 1,48                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 12  | 10                   | 1,05                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 13  | 10                   | 0,94                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 14  | 10                   | 1                          |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 15  | 10                   | 1,16                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 16  | 10                   | 0,94                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 17  | 10                   | 0,8                        |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 18  | 19                   | 1,04                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 19  | 10                   | 0,87                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 20  | 10                   | 1,05                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 21  | 10                   | 0,93                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 22  | 10                   | 1,61                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 23  | 10                   | 1,1                        |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 24  | 10                   | 0,96                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 25  | 19                   | 0,89                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 26  | 10                   | 1,47                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 27  | 10                   | 1,2                        |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 28  | 10                   | 1,03                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 29  | 10                   | 1,18                       |
| 2022 | 3         | 9            | 63              | 102     | 2                    | 30  | 10                   | 0,92                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 1   | 10                   | 0,96                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 2   | 10                   | 0,94                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 3   | 10                   | 0,87                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 4   | 19                   | 1,1                        |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 5   | 10                   | 0,94                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 6   | 10                   | 0,92                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 7   | 10                   | 1,02                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 8   | 10                   | 0,9                        |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 9   | 10                   | 0,96                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 10  | 10                   | 0,94                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 11  | 19                   | 1,15                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 12  | 10                   | 1,28                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 13  | 10                   | 1,08                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 14  | 10                   | 0,85                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 15  | 10                   | 1,1                        |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 16  | 10                   | 1,02                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 17  | 10                   | 0,83                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 18  | 19                   | 1,11                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 19  | 10                   | 0,86                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 20  | 10                   | 0,93                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 21  | 10                   | 0,97                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 22  | 10                   | 0,93                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 23  | 10                   | 0,93                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 24  | 10                   | 1,06                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 25  | 19                   | 1,25                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 26  | 10                   | 1,03                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 27  | 10                   | 1,21                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 28  | 10                   | 1                          |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 29  | 10                   | 1,05                       |
| 2022 | 3         | 9            | 66              | 102     | 2                    | 30  | 10                   | 0,98                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 1   | 9                    | 1,46                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 2   | 9                    | 1,89                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 3   | 10                   | 1,6                        |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 4   | 19                   | 1,86                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 5   | 10                   | 1,42                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 6   | 9                    | 1,52                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 7   | 9                    | 1,51                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 8   | 9                    | 1,48                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 9   | 9                    | 1,47                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 10  | 9                    | 1,49                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 11  | 19                   | 2,39                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 12  | 9                    | 1,49                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 13  | 10                   | 1,51                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 14  | 9                    | 1,56                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 15  | 10                   | 1,51                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 16  | 9                    | 1,52                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 17  | 9                    | 1,47                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 18  | 10                   | 1,47                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 19  | 10                   | 1,78                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 20  | 9                    | 1,56                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 21  | 9                    | 1,49                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 22  | 9                    | 1,76                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 23  | 10                   | 1,76                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 24  | 10                   | 1,78                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 25  | 19                   | 2,36                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 26  | 9                    | 1,81                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 27  | 10                   | 1,68                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 28  | 10                   | 1,64                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 29  | 10                   | 1,76                       |
| 2022 | 3         | 9            | 68              | 102     | 2                    | 30  | 10                   | 1,77                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 1   | 19                   | 3,01                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 2   | 19                   | 3,02                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 3   | 19                   | 2,57                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 4   | 19                   | 2,71                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 5   | 19                   | 4,19                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 6   | 19                   | 3,02                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 70              | 102     | 2                    | 7   | 19                   | 2,99                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 8   | 19                   | 3,63                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 9   | 19                   | 2,55                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 10  | 19                   | 2,71                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 11  | 19                   | 2,55                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 12  | 19                   | 3,13                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 13  | 19                   | 3,63                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 14  | 19                   | 2,56                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 15  | 19                   | 2,35                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 16  | 19                   | 2,14                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 17  | 19                   | 1,76                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 18  | 19                   | 2,21                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 19  | 19                   | 3,11                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 20  | 19                   | 2,7                        |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 21  | 19                   | 2,71                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 22  | 19                   | 2,81                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 23  | 19                   | 2,47                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 24  | 10                   | 1,8                        |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 25  | 19                   | 2,43                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 26  | 19                   | 2,64                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 27  | 19                   | 2,97                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 28  | 19                   | 3,14                       |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 29  | 10                   | 1,5                        |
| 2022 | 3         | 9            | 70              | 102     | 2                    | 30  | 19                   | 2,36                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 1   | 19                   | 2,22                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 2   | 19                   | 1,85                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 3   | 10                   | 1,73                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 4   | 19                   | 1,91                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 5   | 9                    | 1,5                        |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 6   | 9                    | 1,56                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 7   | 9                    | 1,82                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 8   | 10                   | 1,53                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 9   | 9                    | 2,56                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 10  | 10                   | 1,46                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 11  | 10                   | 1,48                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 12  | 10                   | 1,56                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 13  | 10                   | 2,71                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 14  | 9                    | 1,83                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 15  | 10                   | 1,68                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 16  | 10                   | 1,64                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 17  | 10                   | 1,49                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 18  | 10                   | 1,53                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 19  | 10                   | 1,83                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 20  | 10                   | 2,1                        |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 21  | 10                   | 1,63                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 22  | 10                   | 1,77                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 23  | 9                    | 2                          |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 24  | 10                   | 2,05                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 25  | 19                   | 2,33                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 26  | 10                   | 2,54                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 27  | 19                   | 2,67                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 28  | 10                   | 1,8                        |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 29  | 10                   | 1,96                       |
| 2022 | 3         | 9            | 73              | 102     | 2                    | 30  | 10                   | 1,98                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 1   | 10                   | 0,94                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 2   | 10                   | 1,22                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 3   | 10                   | 1,02                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 4   | 19                   | 0,86                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 5   | 10                   | 0,9                        |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 6   | 10                   | 0,93                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 7   | 10                   | 1,41                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 8   | 10                   | 0,96                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 9   | 10                   | 1,1                        |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 10  | 10                   | 0,8                        |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 11  | 11                   | 0,89                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 12  | 10                   | 0,92                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 13  | 10                   | 1,34                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 14  | 10                   | 1,04                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 15  | 10                   | 1,14                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 16  | 10                   | 1,22                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 17  | 10                   | 0,86                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 18  | 11                   | 0,88                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 19  | 10                   | 0,93                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 20  | 10                   | 1,06                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 21  | 10                   | 1,13                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 22  | 10                   | 1,02                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 23  | 10                   | 1,07                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 24  | 10                   | 1,32                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 25  | 11                   | 0,91                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 26  | 10                   | 1,11                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 27  | 10                   | 1,25                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 28  | 10                   | 1,18                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 29  | 10                   | 1,27                       |
| 2022 | 3         | 9            | 76              | 102     | 2                    | 30  | 10                   | 1                          |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 1   | 19                   | 1,99                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 2   | 19                   | 1,97                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 3   | 18                   | 1,95                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 4   | 19                   | 2                          |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 5   | 19                   | 2,09                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 6   | 18                   | 2,05                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 7   | 18                   | 2,77                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 8   | 18                   | 1,84                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 9   | 19                   | 3,25                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 10  | 10                   | 2,45                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 11  | 19                   | 1,8                        |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 81              | 102     | 2                    | 12  | 18                   | 1,52                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 13  | 19                   | 3,68                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 14  | 9                    | 2,24                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 15  | 19                   | 2,23                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 16  | 18                   | 1,39                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 17  | 19                   | 1,53                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 18  | 19                   | 1,41                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 19  | 10                   | 1,22                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 20  | 19                   | 1,87                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 21  | 9                    | 2,2                        |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 22  | 18                   | 1,94                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 23  | 10                   | 1,5                        |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 24  | 9                    | 1,62                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 25  | 19                   | 2,01                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 26  | 18                   | 1,65                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 27  | 9                    | 1,61                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 28  | 18                   | 2,46                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 29  | 18                   | 2,21                       |
| 2022 | 3         | 9            | 81              | 102     | 2                    | 30  | 18                   | 2,21                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 1   | 19                   | 2,11                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 2   | 19                   | 1,93                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 3   | 18                   | 1,68                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 4   | 19                   | 1,84                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 5   | 19                   | 2,03                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 6   | 19                   | 2,07                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 7   | 19                   | 2,39                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 8   | 19                   | 2,08                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 9   | 19                   | 4,63                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 10  | 18                   | 1,74                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 11  | 19                   | 1,97                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 12  | 18                   | 2,76                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 13  | 19                   | 1,98                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 14  | 18                   | 2,54                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 15  | 18                   | 2,85                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 16  | 18                   | 1,55                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 17  | 18                   | 2,51                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 18  | 19                   | 1,76                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 19  | 18                   | 1,83                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 20  | 18                   | 1,71                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 21  | 18                   | 1,95                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 22  | 18                   | 2,12                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 23  | 18                   | 1,85                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 24  | 18                   | 1,98                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 25  | 19                   | 2,36                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 26  | 18                   | 1,89                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 27  | 19                   | 2,42                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 28  | 18                   | 2,3                        |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 29  | 18                   | 2,66                       |
| 2022 | 3         | 9            | 85              | 102     | 2                    | 30  | 18                   | 2,37                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 1   | 19                   | 1,65                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 2   | 19                   | 1,56                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 3   | 19                   | 1,31                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 4   | 19                   | 1,69                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 5   | 19                   | 2,7                        |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 6   | 19                   | 1,68                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 7   | 19                   | 1,58                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 8   | 19                   | 1,64                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 9   | 18                   | 1,51                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 10  | 19                   | 1,43                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 11  | 19                   | 1,74                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 12  | 19                   | 2,12                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 13  | 19                   | 1,75                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 14  | 19                   | 1,66                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 15  | 19                   | 1,66                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 16  | 20                   | 1,65                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 17  | 20                   | 2,77                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 18  | 19                   | 1,38                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 19  | 19                   | 2,4                        |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 20  | 19                   | 1,76                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 21  | 19                   | 1,59                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 22  | 19                   | 1,81                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 23  | 19                   | 2,38                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 24  | 10                   | 1,82                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 25  | 19                   | 2,25                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 26  | 19                   | 2,15                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 27  | 19                   | 2,21                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 28  | 19                   | 4,17                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 29  | 19                   | 2,33                       |
| 2022 | 3         | 9            | 86              | 102     | 2                    | 30  | 18                   | 1,6                        |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 1   | 19                   | 3,03                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 2   | 20                   | 1,24                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 3   | 19                   | 0,75                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 4   | 20                   | 0,5                        |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 5   | 19                   | 0,86                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 6   | 20                   | 0,86                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 7   | 11                   | 1,22                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 8   | 19                   | 0,76                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 9   | 20                   | 1,06                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 10  | 19                   | 0,65                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 11  | 19                   | 0,8                        |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 12  | 19                   | 0,72                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 13  | 19                   | 0,41                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 14  | 19                   | 1,15                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 15  | 20                   | 1,01                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 16  | 20                   | 0,93                       |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 88              | 102     | 2                    | 17  | 19                   | 0,63                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 18  | 19                   | 0,53                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 19  | 20                   | 1,18                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 20  | 21                   | 5,19                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 21  | 19                   | 0,83                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 22  | 21                   | 0,78                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 23  | 19                   | 0,71                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 24  | 11                   | 0,49                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 25  | 20                   | 0,24                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 26  | 20                   | 0,69                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 27  | 19                   | 0,58                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 28  | 20                   | 0,33                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 29  | 10                   | 0,38                       |
| 2022 | 3         | 9            | 88              | 102     | 2                    | 30  | 19                   | 0,83                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 1   | 20                   | 1,17                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 2   | 19                   | 6,34                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 3   | 11                   | 0,23                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 4   | 19                   | 47,66                      |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 5   | 19                   | 8,53                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 6   | 20                   | 0,75                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 7   | 19                   | 1,16                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 8   | 19                   | 8,18                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 9   | 20                   | 1,14                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 10  | 12                   | 2,6                        |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 11  | 20                   | 0                          |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 12  | 19                   | 0                          |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 13  | 20                   | 0                          |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 14  | 20                   | 10,22                      |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 15  | 19                   | 0,69                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 16  | 18                   | 4,12                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 17  | 19                   | 4,09                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 18  | 19                   | 2,44                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 19  | 20                   | 11,9                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 20  | 19                   | 1,07                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 21  | 18                   | 0,9                        |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 22  | 20                   | 2,62                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 23  | 20                   | 5,89                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 24  | 19                   | 1,75                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 25  | 19                   | 0,99                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 26  | 20                   | 2,12                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 27  | 19                   | 6,38                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 28  | 18                   | 0,41                       |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 29  | 20                   | 0                          |
| 2022 | 3         | 9            | 91              | 102     | 2                    | 30  | 20                   | 1,22                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 1   | 20                   | 0                          |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 2   | 21                   | 0                          |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 3   | 20                   | 11,76                      |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 4   | 20                   | 25                         |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 5   | 19                   | 2,08                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 6   | 20                   | 13,79                      |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 7   | 15                   | 6,59                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 8   | 20                   | 7,61                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 9   | 20                   | 4,17                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 10  | 19                   | 11,49                      |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 11  | 19                   | 4,92                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 12  | 20                   | 0                          |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 13  | 20                   | 0                          |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 14  | 17                   | 3,47                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 15  | 20                   | 17,74                      |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 16  | 19                   | 0,9                        |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 17  | 20                   | 0                          |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 18  | 20                   | 0                          |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 19  | 20                   | 4,67                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 20  | 20                   | 1,87                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 21  | 20                   | 5,34                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 22  | 21                   | 0                          |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 23  | 20                   | 7,69                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 24  | 19                   | 11,11                      |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 25  | 19                   | 2,53                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 26  | 19                   | 10,53                      |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 27  | 19                   | 3,85                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 28  | 20                   | 2,36                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 29  | 20                   | 8,82                       |
| 2022 | 3         | 9            | 94              | 102     | 2                    | 30  | 20                   | 0                          |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 1   | 19                   | 6,98                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 2   | 18                   | 5,88                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 3   | 19                   | 2,11                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 4   | 19                   | 2,44                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 5   | 19                   | 2,81                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 6   | 19                   | 2,22                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 7   | 18                   | 3,07                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 8   | 20                   | 3,65                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 9   | 19                   | 2,49                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 10  | 19                   | 1,98                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 11  | 18                   | 1,93                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 12  | 19                   | 2,79                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 13  | 9                    | 1,91                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 14  | 19                   | 3,39                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 15  | 18                   | 3,94                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 16  | 18                   | 2,03                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 17  | 19                   | 5,2                        |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 18  | 19                   | 4,02                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 19  | 18                   | 2,29                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 20  | 17                   | 2,02                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 21  | 18                   | 2,4                        |



INDICADORES DE CALIDAD PARA EL ACCESO A SERVICIOS DE VOZ MÓVIL  
PORC LLAM CAIDA 2G3G DPTO  
TERCER TRIMESTRE DE 2022

| ANNO | TRIMESTRE | MES_DEL_ANNO | ID_DEPARTAMENTO | ID_ZONA | ID_TECNOLOGIA_ACCESO | DIA | HORA_PICO_RESTO_DPTO | PORCENTAJE_LLAMADAS_CAIDAS |
|------|-----------|--------------|-----------------|---------|----------------------|-----|----------------------|----------------------------|
| 2022 | 3         | 9            | 95              | 102     | 2                    | 22  | 19                   | 2,81                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 23  | 19                   | 2,37                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 24  | 18                   | 2,98                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 25  | 19                   | 2,22                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 26  | 19                   | 3,65                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 27  | 18                   | 4,03                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 28  | 19                   | 2,89                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 29  | 19                   | 2,56                       |
| 2022 | 3         | 9            | 95              | 102     | 2                    | 30  | 18                   | 4,15                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 1   | 20                   | 1,92                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 2   | 19                   | 0,45                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 3   | 18                   | 1,29                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 4   | 20                   | 1,36                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 5   | 19                   | 1,98                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 6   | 20                   | 1,76                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 7   | 18                   | 0,95                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 8   | 18                   | 0,15                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 9   | 20                   | 1,47                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 10  | 18                   | 0                          |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 11  | 18                   | 1,55                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 12  | 19                   | 2,31                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 13  | 18                   | 9,3                        |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 14  | 18                   | 5,71                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 15  | 19                   | 0,51                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 16  | 20                   | 3,49                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 17  | 18                   | 8,48                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 18  | 18                   | 1,43                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 19  | 10                   | 0                          |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 20  | 20                   | 11,56                      |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 21  | 19                   | 3,62                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 22  | 20                   | 22,09                      |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 23  | 18                   | 1,93                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 24  | 18                   | 0,75                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 25  | 20                   | 6,89                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 26  | 17                   | 0                          |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 27  | 19                   | 15,43                      |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 28  | 19                   | 0,95                       |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 29  | 20                   | 1,3                        |
| 2022 | 3         | 9            | 97              | 102     | 2                    | 30  | 18                   | 0,77                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 1   | 19                   | 2,01                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 2   | 19                   | 1,75                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 3   | 19                   | 1,52                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 4   | 19                   | 1,52                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 5   | 18                   | 2,45                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 6   | 19                   | 2,13                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 7   | 18                   | 1,16                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 8   | 18                   | 2,98                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 9   | 19                   | 5,61                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 10  | 18                   | 4,11                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 11  | 18                   | 1,46                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 12  | 19                   | 2,26                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 13  | 18                   | 1,55                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 14  | 18                   | 2,91                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 15  | 19                   | 2,82                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 16  | 18                   | 1,04                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 17  | 18                   | 1,45                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 18  | 18                   | 1,31                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 19  | 18                   | 2,27                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 20  | 19                   | 2                          |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 21  | 18                   | 3,66                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 22  | 19                   | 4,09                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 23  | 18                   | 2,48                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 24  | 18                   | 2,32                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 25  | 19                   | 7,48                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 26  | 18                   | 2,16                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 27  | 18                   | 1,73                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 28  | 18                   | 4,92                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 29  | 19                   | 3,51                       |
| 2022 | 3         | 9            | 99              | 102     | 2                    | 30  | 18                   | 1,4                        |