

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 5 | 102 | 1 | 19 | 0,037516551 |
| 2020 | 2 | 5 | 102 | 2 | 20 | 0,031367075 |
| 2020 | 2 | 5 | 102 | 3 | 19 | 0,025993983 |
| 2020 | 2 | 5 | 102 | 4 | 19 | 0,02771657 |
| 2020 | 2 | 5 | 102 | 5 | 20 | 0,025177783 |
| 2020 | 2 | 5 | 102 | 6 | 19 | 0,028673147 |
| 2020 | 2 | 5 | 102 | 7 | 20 | 0,031510514 |
| 2020 | 2 | 5 | 102 | 8 | 19 | 0,035239815 |
| 2020 | 2 | 5 | 102 | 9 | 19 | 0,036004902 |
| 2020 | 2 | 5 | 102 | 10 | 13 | 0,037995745 |
| 2020 | 2 | 5 | 102 | 11 | 20 | 0,026476932 |
| 2020 | 2 | 5 | 102 | 12 | 18 | 0,034250921 |
| 2020 | 2 | 5 | 102 | 13 | 19 | 0,031428787 |
| 2020 | 2 | 5 | 102 | 14 | 20 | 0,026757746 |
| 2020 | 2 | 5 | 102 | 15 | 20 | 0,029372088 |
| 2020 | 2 | 5 | 102 | 16 | 18 | 0,036502115 |
| 2020 | 2 | 5 | 102 | 17 | 19 | 0,033638966 |
| 2020 | 2 | 5 | 102 | 18 | 19 | 0,026880179 |
| 2020 | 2 | 5 | 102 | 19 | 18 | 0,0353438 |
| 2020 | 2 | 5 | 102 | 20 | 18 | 0,036506924 |
| 2020 | 2 | 5 | 102 | 21 | 19 | 0,030712304 |
| 2020 | 2 | 5 | 102 | 22 | 18 | 0,04209963 |
| 2020 | 2 | 5 | 102 | 23 | 19 | 0,043839783 |
| 2020 | 2 | 5 | 102 | 24 | 19 | 0,026539633 |
| 2020 | 2 | 5 | 102 | 25 | 19 | 0,033935416 |
| 2020 | 2 | 5 | 102 | 26 | 18 | 0,042537562 |
| 2020 | 2 | 5 | 102 | 27 | 19 | 0,036745514 |
| 2020 | 2 | 5 | 102 | 28 | 19 | 0,033624727 |
| 2020 | 2 | 5 | 102 | 29 | 19 | 0,037224327 |
| 2020 | 2 | 8 | 102 | 1 | 19 | 0,014803987 |
| 2020 | 2 | 8 | 102 | 2 | 21 | 0,011477716 |
| 2020 | 2 | 8 | 102 | 3 | 21 | 0,01043668 |
| 2020 | 2 | 8 | 102 | 4 | 21 | 0,011357057 |
| 2020 | 2 | 8 | 102 | 5 | 21 | 0,009504246 |
| 2020 | 2 | 8 | 102 | 6 | 21 | 0,009669976 |
| 2020 | 2 | 8 | 102 | 7 | 21 | 0,014158754 |
| 2020 | 2 | 8 | 102 | 8 | 20 | 0,015371414 |
| 2020 | 2 | 8 | 102 | 9 | 19 | 0,014094321 |
| 2020 | 2 | 8 | 102 | 10 | 21 | 0,009403859 |
| 2020 | 2 | 8 | 102 | 11 | 21 | 0,010201518 |
| 2020 | 2 | 8 | 102 | 12 | 20 | 0,010743033 |
| 2020 | 2 | 8 | 102 | 13 | 20 | 0,012552524 |
| 2020 | 2 | 8 | 102 | 14 | 21 | 0,010026428 |
| 2020 | 2 | 8 | 102 | 15 | 19 | 0,120691982 |
| 2020 | 2 | 8 | 102 | 16 | 19 | 0,018519308 |
| 2020 | 2 | 8 | 102 | 17 | 13 | 0,012985007 |
| 2020 | 2 | 8 | 102 | 18 | 20 | 0,011590038 |
| 2020 | 2 | 8 | 102 | 19 | 20 | 0,009771164 |
| 2020 | 2 | 8 | 102 | 20 | 21 | 0,01201278 |
| 2020 | 2 | 8 | 102 | 21 | 21 | 0,015174453 |
| 2020 | 2 | 8 | 102 | 22 | 21 | 0,012127235 |
| 2020 | 2 | 8 | 102 | 23 | 20 | 0,018690169 |
| 2020 | 2 | 8 | 102 | 24 | 19 | 0,013433986 |
| 2020 | 2 | 8 | 102 | 25 | 18 | 0,016127887 |
| 2020 | 2 | 8 | 102 | 26 | 20 | 0,010292494 |
| 2020 | 2 | 8 | 102 | 27 | 21 | 0,007734102 |
| 2020 | 2 | 8 | 102 | 28 | 22 | 0,0078254 |
| 2020 | 2 | 8 | 102 | 29 | 20 | 0,011229069 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 13 | 102 | 1 | 21 | 0,011073223 |
| 2020 | 2 | 13 | 102 | 2 | 20 | 0,009473303 |
| 2020 | 2 | 13 | 102 | 3 | 21 | 0,008992003 |
| 2020 | 2 | 13 | 102 | 4 | 21 | 0,007222764 |
| 2020 | 2 | 13 | 102 | 5 | 21 | 0,009057852 |
| 2020 | 2 | 13 | 102 | 6 | 21 | 0,007146122 |
| 2020 | 2 | 13 | 102 | 7 | 21 | 0,009880998 |
| 2020 | 2 | 13 | 102 | 8 | 21 | 0,010800139 |
| 2020 | 2 | 13 | 102 | 9 | 21 | 0,010104216 |
| 2020 | 2 | 13 | 102 | 10 | 20 | 0,00835866 |
| 2020 | 2 | 13 | 102 | 11 | 21 | 0,009845762 |
| 2020 | 2 | 13 | 102 | 12 | 21 | 0,010124499 |
| 2020 | 2 | 13 | 102 | 13 | 20 | 0,011105304 |
| 2020 | 2 | 13 | 102 | 14 | 21 | 0,011402285 |
| 2020 | 2 | 13 | 102 | 15 | 21 | 0,012301772 |
| 2020 | 2 | 13 | 102 | 16 | 13 | 0,017389271 |
| 2020 | 2 | 13 | 102 | 17 | 21 | 0,007639944 |
| 2020 | 2 | 13 | 102 | 18 | 21 | 0,009376813 |
| 2020 | 2 | 13 | 102 | 19 | 21 | 0,011091672 |
| 2020 | 2 | 13 | 102 | 20 | 20 | 0,009929067 |
| 2020 | 2 | 13 | 102 | 21 | 21 | 0,010059462 |
| 2020 | 2 | 13 | 102 | 22 | 21 | 0,010351994 |
| 2020 | 2 | 13 | 102 | 23 | 20 | 0,010980917 |
| 2020 | 2 | 13 | 102 | 24 | 20 | 0,014168828 |
| 2020 | 2 | 13 | 102 | 25 | 20 | 0,01198151 |
| 2020 | 2 | 13 | 102 | 26 | 20 | 0,013494311 |
| 2020 | 2 | 13 | 102 | 27 | 21 | 0,009564141 |
| 2020 | 2 | 13 | 102 | 28 | 21 | 0,008757803 |
| 2020 | 2 | 13 | 102 | 29 | 21 | 0,010828481 |
| 2020 | 2 | 15 | 102 | 1 | 20 | 0,014091858 |
| 2020 | 2 | 15 | 102 | 2 | 15 | 0,017933856 |
| 2020 | 2 | 15 | 102 | 3 | 20 | 0,012760318 |
| 2020 | 2 | 15 | 102 | 4 | 20 | 0,013531399 |
| 2020 | 2 | 15 | 102 | 5 | 21 | 0,011459682 |
| 2020 | 2 | 15 | 102 | 6 | 20 | 0,011623128 |
| 2020 | 2 | 15 | 102 | 7 | 21 | 0,013352131 |
| 2020 | 2 | 15 | 102 | 8 | 20 | 0,014179431 |
| 2020 | 2 | 15 | 102 | 9 | 20 | 0,012221092 |
| 2020 | 2 | 15 | 102 | 10 | 20 | 0,01098657 |
| 2020 | 2 | 15 | 102 | 11 | 20 | 0,011331046 |
| 2020 | 2 | 15 | 102 | 12 | 20 | 0,009495553 |
| 2020 | 2 | 15 | 102 | 13 | 13 | 0,01482694 |
| 2020 | 2 | 15 | 102 | 14 | 20 | 0,012673937 |
| 2020 | 2 | 15 | 102 | 15 | 20 | 0,014257568 |
| 2020 | 2 | 15 | 102 | 16 | 14 | 0,01659563 |
| 2020 | 2 | 15 | 102 | 17 | 13 | 0,015708825 |
| 2020 | 2 | 15 | 102 | 18 | 20 | 0,011411725 |
| 2020 | 2 | 15 | 102 | 19 | 20 | 0,010866076 |
| 2020 | 2 | 15 | 102 | 20 | 20 | 0,010192576 |
| 2020 | 2 | 15 | 102 | 21 | 20 | 0,012258707 |
| 2020 | 2 | 15 | 102 | 22 | 20 | 0,016881974 |
| 2020 | 2 | 15 | 102 | 23 | 16 | 0,016989334 |
| 2020 | 2 | 15 | 102 | 24 | 20 | 0,009993731 |
| 2020 | 2 | 15 | 102 | 25 | 20 | 0,012624512 |
| 2020 | 2 | 15 | 102 | 26 | 20 | 0,019821157 |
| 2020 | 2 | 15 | 102 | 27 | 20 | 0,012216137 |
| 2020 | 2 | 15 | 102 | 28 | 20 | 0,013552694 |
| 2020 | 2 | 15 | 102 | 29 | 20 | 0,013169213 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 17 | 102 | 1 | 21 | 0,066590661 |
| 2020 | 2 | 17 | 102 | 2 | 13 | 0,093205007 |
| 2020 | 2 | 17 | 102 | 3 | 21 | 0,053508335 |
| 2020 | 2 | 17 | 102 | 4 | 21 | 0,049891118 |
| 2020 | 2 | 17 | 102 | 5 | 20 | 0,064492334 |
| 2020 | 2 | 17 | 102 | 6 | 21 | 0,06700543 |
| 2020 | 2 | 17 | 102 | 7 | 21 | 0,071329822 |
| 2020 | 2 | 17 | 102 | 8 | 21 | 0,076645505 |
| 2020 | 2 | 17 | 102 | 9 | 13 | 0,113795597 |
| 2020 | 2 | 17 | 102 | 10 | 21 | 0,049956407 |
| 2020 | 2 | 17 | 102 | 11 | 19 | 0,090659573 |
| 2020 | 2 | 17 | 102 | 12 | 20 | 0,068497774 |
| 2020 | 2 | 17 | 102 | 13 | 21 | 0,076390523 |
| 2020 | 2 | 17 | 102 | 14 | 21 | 0,063660628 |
| 2020 | 2 | 17 | 102 | 15 | 21 | 0,078166455 |
| 2020 | 2 | 17 | 102 | 16 | 13 | 0,133141402 |
| 2020 | 2 | 17 | 102 | 17 | 20 | 0,107152966 |
| 2020 | 2 | 17 | 102 | 18 | 21 | 0,082542355 |
| 2020 | 2 | 17 | 102 | 19 | 20 | 0,076212231 |
| 2020 | 2 | 17 | 102 | 20 | 20 | 0,073983645 |
| 2020 | 2 | 17 | 102 | 21 | 19 | 0,104300047 |
| 2020 | 2 | 17 | 102 | 22 | 20 | 0,097808499 |
| 2020 | 2 | 17 | 102 | 23 | 13 | 0,146147177 |
| 2020 | 2 | 17 | 102 | 24 | 20 | 0,080763728 |
| 2020 | 2 | 17 | 102 | 25 | 20 | 0,084820644 |
| 2020 | 2 | 17 | 102 | 26 | 21 | 0,081544444 |
| 2020 | 2 | 17 | 102 | 27 | 19 | 0,084649038 |
| 2020 | 2 | 17 | 102 | 28 | 21 | 0,088194993 |
| 2020 | 2 | 17 | 102 | 29 | 19 | 0,09606195 |
| 2020 | 2 | 18 | 102 | 1 | 21 | 0,005574908 |
| 2020 | 2 | 18 | 102 | 2 | 21 | 0,003658472 |
| 2020 | 2 | 18 | 102 | 3 | 21 | 0,006493105 |
| 2020 | 2 | 18 | 102 | 4 | 21 | 0,002145816 |
| 2020 | 2 | 18 | 102 | 5 | 21 | 0,004128101 |
| 2020 | 2 | 18 | 102 | 6 | 21 | 0,00321833 |
| 2020 | 2 | 18 | 102 | 7 | 21 | 0,002490405 |
| 2020 | 2 | 18 | 102 | 8 | 21 | 0,001981496 |
| 2020 | 2 | 18 | 102 | 9 | 21 | 0,003210399 |
| 2020 | 2 | 18 | 102 | 10 | 21 | 0,000990243 |
| 2020 | 2 | 18 | 102 | 11 | 21 | 0,002112048 |
| 2020 | 2 | 18 | 102 | 12 | 20 | 0,002352403 |
| 2020 | 2 | 18 | 102 | 13 | 20 | 0,004415205 |
| 2020 | 2 | 18 | 102 | 14 | 21 | 0,003390924 |
| 2020 | 2 | 18 | 102 | 15 | 20 | 0,002100223 |
| 2020 | 2 | 18 | 102 | 16 | 20 | 0,004355122 |
| 2020 | 2 | 18 | 102 | 17 | 20 | 0,004069214 |
| 2020 | 2 | 18 | 102 | 18 | 21 | 0,003270756 |
| 2020 | 2 | 18 | 102 | 19 | 11 | 0,005523367 |
| 2020 | 2 | 18 | 102 | 20 | 21 | 0,0033366 |
| 2020 | 2 | 18 | 102 | 21 | 21 | 0,002413433 |
| 2020 | 2 | 18 | 102 | 22 | 21 | 0,002103528 |
| 2020 | 2 | 18 | 102 | 23 | 12 | 0,005291818 |
| 2020 | 2 | 18 | 102 | 24 | 21 | 0,00293766 |
| 2020 | 2 | 18 | 102 | 25 | 21 | 0,002993596 |
| 2020 | 2 | 18 | 102 | 26 | 20 | 0,004841593 |
| 2020 | 2 | 18 | 102 | 27 | 20 | 0,005049893 |
| 2020 | 2 | 18 | 102 | 28 | 20 | 0,004207659 |
| 2020 | 2 | 18 | 102 | 29 | 20 | 0,009680613 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 19 | 102 | 1 | 20 | 0,051374417 |
| 2020 | 2 | 19 | 102 | 2 | 20 | 0,043386805 |
| 2020 | 2 | 19 | 102 | 3 | 20 | 0,043041938 |
| 2020 | 2 | 19 | 102 | 4 | 20 | 0,046546567 |
| 2020 | 2 | 19 | 102 | 5 | 21 | 0,037847728 |
| 2020 | 2 | 19 | 102 | 6 | 21 | 0,043254579 |
| 2020 | 2 | 19 | 102 | 7 | 19 | 0,056224481 |
| 2020 | 2 | 19 | 102 | 8 | 19 | 0,050375587 |
| 2020 | 2 | 19 | 102 | 9 | 19 | 0,057635979 |
| 2020 | 2 | 19 | 102 | 10 | 20 | 0,042240348 |
| 2020 | 2 | 19 | 102 | 11 | 20 | 0,04760342 |
| 2020 | 2 | 19 | 102 | 12 | 20 | 0,041965063 |
| 2020 | 2 | 19 | 102 | 13 | 20 | 0,047506553 |
| 2020 | 2 | 19 | 102 | 14 | 21 | 0,033841753 |
| 2020 | 2 | 19 | 102 | 15 | 21 | 0,037108889 |
| 2020 | 2 | 19 | 102 | 16 | 20 | 0,044168166 |
| 2020 | 2 | 19 | 102 | 17 | 21 | 0,042587907 |
| 2020 | 2 | 19 | 102 | 18 | 21 | 0,041592383 |
| 2020 | 2 | 19 | 102 | 19 | 20 | 0,046197113 |
| 2020 | 2 | 19 | 102 | 20 | 20 | 0,041686907 |
| 2020 | 2 | 19 | 102 | 21 | 20 | 0,047968559 |
| 2020 | 2 | 19 | 102 | 22 | 20 | 0,05581071 |
| 2020 | 2 | 19 | 102 | 23 | 20 | 0,048426252 |
| 2020 | 2 | 19 | 102 | 24 | 20 | 0,037667844 |
| 2020 | 2 | 19 | 102 | 25 | 20 | 0,045360586 |
| 2020 | 2 | 19 | 102 | 26 | 20 | 0,044240251 |
| 2020 | 2 | 19 | 102 | 27 | 20 | 0,050528076 |
| 2020 | 2 | 19 | 102 | 28 | 20 | 0,051827951 |
| 2020 | 2 | 19 | 102 | 29 | 20 | 0,053480948 |
| 2020 | 2 | 20 | 102 | 1 | 20 | 0,009223452 |
| 2020 | 2 | 20 | 102 | 2 | 20 | 0,008800545 |
| 2020 | 2 | 20 | 102 | 3 | 21 | 0,007933095 |
| 2020 | 2 | 20 | 102 | 4 | 21 | 0,006563491 |
| 2020 | 2 | 20 | 102 | 5 | 21 | 0,007538175 |
| 2020 | 2 | 20 | 102 | 6 | 21 | 0,006671487 |
| 2020 | 2 | 20 | 102 | 7 | 20 | 0,008815291 |
| 2020 | 2 | 20 | 102 | 8 | 21 | 0,007764671 |
| 2020 | 2 | 20 | 102 | 9 | 20 | 0,013107883 |
| 2020 | 2 | 20 | 102 | 10 | 20 | 0,00927372 |
| 2020 | 2 | 20 | 102 | 11 | 20 | 0,007625057 |
| 2020 | 2 | 20 | 102 | 12 | 20 | 0,008519944 |
| 2020 | 2 | 20 | 102 | 13 | 21 | 0,007041851 |
| 2020 | 2 | 20 | 102 | 14 | 20 | 0,00814557 |
| 2020 | 2 | 20 | 102 | 15 | 20 | 0,007551827 |
| 2020 | 2 | 20 | 102 | 16 | 20 | 0,007956827 |
| 2020 | 2 | 20 | 102 | 17 | 21 | 0,009678466 |
| 2020 | 2 | 20 | 102 | 18 | 20 | 0,008033419 |
| 2020 | 2 | 20 | 102 | 19 | 21 | 0,009009556 |
| 2020 | 2 | 20 | 102 | 20 | 20 | 0,007548962 |
| 2020 | 2 | 20 | 102 | 21 | 20 | 0,0086043 |
| 2020 | 2 | 20 | 102 | 22 | 20 | 0,008536889 |
| 2020 | 2 | 20 | 102 | 23 | 20 | 0,008556683 |
| 2020 | 2 | 20 | 102 | 24 | 21 | 0,009784963 |
| 2020 | 2 | 20 | 102 | 25 | 21 | 0,005914704 |
| 2020 | 2 | 20 | 102 | 26 | 21 | 0,00820075 |
| 2020 | 2 | 20 | 102 | 27 | 20 | 0,007928115 |
| 2020 | 2 | 20 | 102 | 28 | 21 | 0,007204179 |
| 2020 | 2 | 20 | 102 | 29 | 21 | 0,009030618 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO | RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|-----------|------------|----------------------|
| 2020 | 2 | | 23 | 102 | 1 | 19 | 0,021985993 |
| 2020 | 2 | | 23 | 102 | 2 | 20 | 0,01473039 |
| 2020 | 2 | | 23 | 102 | 3 | 21 | 0,014636366 |
| 2020 | 2 | | 23 | 102 | 4 | 19 | 0,023376117 |
| 2020 | 2 | | 23 | 102 | 5 | 21 | 0,016009167 |
| 2020 | 2 | | 23 | 102 | 6 | 19 | 0,021026455 |
| 2020 | 2 | | 23 | 102 | 7 | 20 | 0,016533337 |
| 2020 | 2 | | 23 | 102 | 8 | 21 | 0,015704751 |
| 2020 | 2 | | 23 | 102 | 9 | 21 | 0,01139938 |
| 2020 | 2 | | 23 | 102 | 10 | 20 | 0,020130814 |
| 2020 | 2 | | 23 | 102 | 11 | 20 | 0,016477994 |
| 2020 | 2 | | 23 | 102 | 12 | 20 | 0,015546245 |
| 2020 | 2 | | 23 | 102 | 13 | 21 | 0,025315913 |
| 2020 | 2 | | 23 | 102 | 14 | 20 | 0,036353538 |
| 2020 | 2 | | 23 | 102 | 15 | 20 | 0,046549282 |
| 2020 | 2 | | 23 | 102 | 16 | 20 | 0,039472968 |
| 2020 | 2 | | 23 | 102 | 17 | 20 | 0,038358902 |
| 2020 | 2 | | 23 | 102 | 18 | 21 | 0,042154845 |
| 2020 | 2 | | 23 | 102 | 19 | 19 | 0,061477587 |
| 2020 | 2 | | 23 | 102 | 20 | 21 | 0,031883778 |
| 2020 | 2 | | 23 | 102 | 21 | 21 | 0,051657659 |
| 2020 | 2 | | 23 | 102 | 22 | 20 | 0,066593815 |
| 2020 | 2 | | 23 | 102 | 23 | 21 | 0,077945641 |
| 2020 | 2 | | 23 | 102 | 24 | 20 | 0,048255205 |
| 2020 | 2 | | 23 | 102 | 25 | 20 | 0,052243493 |
| 2020 | 2 | | 23 | 102 | 26 | 15 | 0,076721497 |
| 2020 | 2 | | 23 | 102 | 27 | 21 | 0,034810628 |
| 2020 | 2 | | 23 | 102 | 28 | 21 | 0,013751006 |
| 2020 | 2 | | 23 | 102 | 29 | 21 | 0,018303423 |
| 2020 | 2 | | 25 | 102 | 1 | 19 | 0,040405724 |
| 2020 | 2 | | 25 | 102 | 2 | 19 | 0,062428121 |
| 2020 | 2 | | 25 | 102 | 3 | 20 | 0,023833912 |
| 2020 | 2 | | 25 | 102 | 4 | 20 | 0,023250088 |
| 2020 | 2 | | 25 | 102 | 5 | 19 | 0,034128166 |
| 2020 | 2 | | 25 | 102 | 6 | 19 | 0,025847706 |
| 2020 | 2 | | 25 | 102 | 7 | 19 | 0,038422158 |
| 2020 | 2 | | 25 | 102 | 8 | 20 | 0,033123219 |
| 2020 | 2 | | 25 | 102 | 9 | 17 | 0,063994229 |
| 2020 | 2 | | 25 | 102 | 10 | 19 | 0,027341058 |
| 2020 | 2 | | 25 | 102 | 11 | 19 | 0,026106111 |
| 2020 | 2 | | 25 | 102 | 12 | 20 | 0,022317179 |
| 2020 | 2 | | 25 | 102 | 13 | 20 | 0,024138353 |
| 2020 | 2 | | 25 | 102 | 14 | 20 | 0,026990767 |
| 2020 | 2 | | 25 | 102 | 15 | 20 | 0,02784328 |
| 2020 | 2 | | 25 | 102 | 16 | 14 | 0,043671061 |
| 2020 | 2 | | 25 | 102 | 17 | 19 | 0,026527763 |
| 2020 | 2 | | 25 | 102 | 18 | 20 | 0,022053838 |
| 2020 | 2 | | 25 | 102 | 19 | 19 | 0,028303664 |
| 2020 | 2 | | 25 | 102 | 20 | 17 | 0,033361932 |
| 2020 | 2 | | 25 | 102 | 21 | 20 | 0,029814528 |
| 2020 | 2 | | 25 | 102 | 22 | 17 | 0,043344628 |
| 2020 | 2 | | 25 | 102 | 23 | 15 | 0,05813622 |
| 2020 | 2 | | 25 | 102 | 24 | 20 | 0,020622528 |
| 2020 | 2 | | 25 | 102 | 25 | 16 | 0,032508081 |
| 2020 | 2 | | 25 | 102 | 26 | 16 | 0,036439817 |
| 2020 | 2 | | 25 | 102 | 27 | 19 | 0,028122117 |
| 2020 | 2 | | 25 | 102 | 28 | 20 | 0,033417228 |
| 2020 | 2 | | 25 | 102 | 29 | 19 | 0,04391278 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 27 | 102 | 1 | 21 | 0,018224342 |
| 2020 | 2 | 27 | 102 | 2 | 22 | 0,021298529 |
| 2020 | 2 | 27 | 102 | 3 | 21 | 0,014750024 |
| 2020 | 2 | 27 | 102 | 4 | 19 | 0,012834774 |
| 2020 | 2 | 27 | 102 | 5 | 21 | 0,02988104 |
| 2020 | 2 | 27 | 102 | 6 | 21 | 0,010062724 |
| 2020 | 2 | 27 | 102 | 7 | 22 | 0,008172605 |
| 2020 | 2 | 27 | 102 | 8 | 21 | 0,027738909 |
| 2020 | 2 | 27 | 102 | 9 | 17 | 0,06387968 |
| 2020 | 2 | 27 | 102 | 10 | 21 | 0,031403278 |
| 2020 | 2 | 27 | 102 | 11 | 20 | 0,01743826 |
| 2020 | 2 | 27 | 102 | 12 | 21 | 0,016745744 |
| 2020 | 2 | 27 | 102 | 13 | 20 | 0,023938779 |
| 2020 | 2 | 27 | 102 | 14 | 20 | 0,044477576 |
| 2020 | 2 | 27 | 102 | 15 | 20 | 0,033199511 |
| 2020 | 2 | 27 | 102 | 16 | 19 | 0,022055008 |
| 2020 | 2 | 27 | 102 | 17 | 20 | 0,020818153 |
| 2020 | 2 | 27 | 102 | 18 | 21 | 0,01863354 |
| 2020 | 2 | 27 | 102 | 19 | 13 | 0,019216752 |
| 2020 | 2 | 27 | 102 | 20 | 20 | 0,04093908 |
| 2020 | 2 | 27 | 102 | 21 | 20 | 0,04864499 |
| 2020 | 2 | 27 | 102 | 22 | 21 | 0,079623069 |
| 2020 | 2 | 27 | 102 | 23 | 20 | 0,046752719 |
| 2020 | 2 | 27 | 102 | 24 | 21 | 0,034622748 |
| 2020 | 2 | 27 | 102 | 25 | 12 | 0,059115546 |
| 2020 | 2 | 27 | 102 | 26 | 18 | 0,048007342 |
| 2020 | 2 | 27 | 102 | 27 | 17 | 0,050456828 |
| 2020 | 2 | 27 | 102 | 28 | 21 | 0,052669878 |
| 2020 | 2 | 27 | 102 | 29 | 21 | 0,047714412 |
| 2020 | 2 | 41 | 102 | 1 | 21 | 0,014451112 |
| 2020 | 2 | 41 | 102 | 2 | 21 | 0,012360755 |
| 2020 | 2 | 41 | 102 | 3 | 21 | 0,011934986 |
| 2020 | 2 | 41 | 102 | 4 | 20 | 0,012903585 |
| 2020 | 2 | 41 | 102 | 5 | 21 | 0,013485845 |
| 2020 | 2 | 41 | 102 | 6 | 21 | 0,01036415 |
| 2020 | 2 | 41 | 102 | 7 | 21 | 0,011713458 |
| 2020 | 2 | 41 | 102 | 8 | 21 | 0,012741572 |
| 2020 | 2 | 41 | 102 | 9 | 20 | 0,015567606 |
| 2020 | 2 | 41 | 102 | 10 | 20 | 0,013858912 |
| 2020 | 2 | 41 | 102 | 11 | 21 | 0,010986991 |
| 2020 | 2 | 41 | 102 | 12 | 20 | 0,012719892 |
| 2020 | 2 | 41 | 102 | 13 | 21 | 0,013022831 |
| 2020 | 2 | 41 | 102 | 14 | 20 | 0,013781589 |
| 2020 | 2 | 41 | 102 | 15 | 21 | 0,013991641 |
| 2020 | 2 | 41 | 102 | 16 | 13 | 0,023447579 |
| 2020 | 2 | 41 | 102 | 17 | 21 | 0,011381516 |
| 2020 | 2 | 41 | 102 | 18 | 21 | 0,010716738 |
| 2020 | 2 | 41 | 102 | 19 | 20 | 0,012447329 |
| 2020 | 2 | 41 | 102 | 20 | 21 | 0,013924663 |
| 2020 | 2 | 41 | 102 | 21 | 20 | 0,017068901 |
| 2020 | 2 | 41 | 102 | 22 | 20 | 0,015090057 |
| 2020 | 2 | 41 | 102 | 23 | 14 | 0,018404694 |
| 2020 | 2 | 41 | 102 | 24 | 20 | 0,0149378 |
| 2020 | 2 | 41 | 102 | 25 | 20 | 0,014441055 |
| 2020 | 2 | 41 | 102 | 26 | 21 | 0,011898694 |
| 2020 | 2 | 41 | 102 | 27 | 20 | 0,012471716 |
| 2020 | 2 | 41 | 102 | 28 | 20 | 0,015375997 |
| 2020 | 2 | 41 | 102 | 29 | 21 | 0,014964584 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 44 | 102 | 1 | 21 | 0,011131657 |
| 2020 | 2 | 44 | 102 | 2 | 20 | 0,014327052 |
| 2020 | 2 | 44 | 102 | 3 | 21 | 0,014483868 |
| 2020 | 2 | 44 | 102 | 4 | 21 | 0,012415232 |
| 2020 | 2 | 44 | 102 | 5 | 21 | 0,008822396 |
| 2020 | 2 | 44 | 102 | 6 | 20 | 0,012067726 |
| 2020 | 2 | 44 | 102 | 7 | 20 | 0,014209646 |
| 2020 | 2 | 44 | 102 | 8 | 21 | 0,012537234 |
| 2020 | 2 | 44 | 102 | 9 | 21 | 0,008259653 |
| 2020 | 2 | 44 | 102 | 10 | 21 | 0,010664824 |
| 2020 | 2 | 44 | 102 | 11 | 21 | 0,008638891 |
| 2020 | 2 | 44 | 102 | 12 | 20 | 0,011623195 |
| 2020 | 2 | 44 | 102 | 13 | 21 | 0,012217611 |
| 2020 | 2 | 44 | 102 | 14 | 13 | 0,009897491 |
| 2020 | 2 | 44 | 102 | 15 | 21 | 0,011901573 |
| 2020 | 2 | 44 | 102 | 16 | 20 | 0,011333843 |
| 2020 | 2 | 44 | 102 | 17 | 20 | 0,010010967 |
| 2020 | 2 | 44 | 102 | 18 | 21 | 0,009675342 |
| 2020 | 2 | 44 | 102 | 19 | 21 | 0,006821548 |
| 2020 | 2 | 44 | 102 | 20 | 20 | 0,010517892 |
| 2020 | 2 | 44 | 102 | 21 | 21 | 0,008365515 |
| 2020 | 2 | 44 | 102 | 22 | 19 | 0,014431254 |
| 2020 | 2 | 44 | 102 | 23 | 20 | 0,010575714 |
| 2020 | 2 | 44 | 102 | 24 | 13 | 0,013141002 |
| 2020 | 2 | 44 | 102 | 25 | 21 | 0,016173113 |
| 2020 | 2 | 44 | 102 | 26 | 20 | 0,011527114 |
| 2020 | 2 | 44 | 102 | 27 | 21 | 0,012618839 |
| 2020 | 2 | 44 | 102 | 28 | 21 | 0,008697249 |
| 2020 | 2 | 44 | 102 | 29 | 21 | 0,012206853 |
| 2020 | 2 | 47 | 102 | 1 | 21 | 0,012257356 |
| 2020 | 2 | 47 | 102 | 2 | 20 | 0,013823977 |
| 2020 | 2 | 47 | 102 | 3 | 21 | 0,012724336 |
| 2020 | 2 | 47 | 102 | 4 | 20 | 0,012272601 |
| 2020 | 2 | 47 | 102 | 5 | 21 | 0,016360581 |
| 2020 | 2 | 47 | 102 | 6 | 21 | 0,012756335 |
| 2020 | 2 | 47 | 102 | 7 | 20 | 0,015040184 |
| 2020 | 2 | 47 | 102 | 8 | 16 | 0,020992347 |
| 2020 | 2 | 47 | 102 | 9 | 15 | 0,017878173 |
| 2020 | 2 | 47 | 102 | 10 | 20 | 0,016451135 |
| 2020 | 2 | 47 | 102 | 11 | 20 | 0,011042325 |
| 2020 | 2 | 47 | 102 | 12 | 21 | 0,011341636 |
| 2020 | 2 | 47 | 102 | 13 | 21 | 0,014692667 |
| 2020 | 2 | 47 | 102 | 14 | 13 | 0,013268626 |
| 2020 | 2 | 47 | 102 | 15 | 21 | 0,013971928 |
| 2020 | 2 | 47 | 102 | 16 | 20 | 0,012531514 |
| 2020 | 2 | 47 | 102 | 17 | 12 | 0,019401067 |
| 2020 | 2 | 47 | 102 | 18 | 20 | 0,013089227 |
| 2020 | 2 | 47 | 102 | 19 | 20 | 0,012138337 |
| 2020 | 2 | 47 | 102 | 20 | 21 | 0,010804614 |
| 2020 | 2 | 47 | 102 | 21 | 16 | 0,020697666 |
| 2020 | 2 | 47 | 102 | 22 | 12 | 0,015947941 |
| 2020 | 2 | 47 | 102 | 23 | 20 | 0,015464253 |
| 2020 | 2 | 47 | 102 | 24 | 15 | 0,015263013 |
| 2020 | 2 | 47 | 102 | 25 | 20 | 0,013962505 |
| 2020 | 2 | 47 | 102 | 26 | 20 | 0,010033945 |
| 2020 | 2 | 47 | 102 | 27 | 13 | 0,013407048 |
| 2020 | 2 | 47 | 102 | 28 | 22 | 0,015124997 |
| 2020 | 2 | 47 | 102 | 29 | 21 | 0,012371733 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 50 | 102 | 1 | 20 | 0,006303662 |
| 2020 | 2 | 50 | 102 | 2 | 20 | 0,013874925 |
| 2020 | 2 | 50 | 102 | 3 | 21 | 0,011536358 |
| 2020 | 2 | 50 | 102 | 4 | 20 | 0,011610781 |
| 2020 | 2 | 50 | 102 | 5 | 21 | 0,005343889 |
| 2020 | 2 | 50 | 102 | 6 | 21 | 0,006077008 |
| 2020 | 2 | 50 | 102 | 7 | 21 | 0,0087026 |
| 2020 | 2 | 50 | 102 | 8 | 20 | 0,010869173 |
| 2020 | 2 | 50 | 102 | 9 | 19 | 0,0082574 |
| 2020 | 2 | 50 | 102 | 10 | 21 | 0,005869379 |
| 2020 | 2 | 50 | 102 | 11 | 21 | 0,006496558 |
| 2020 | 2 | 50 | 102 | 12 | 21 | 0,005172228 |
| 2020 | 2 | 50 | 102 | 13 | 21 | 0,004835177 |
| 2020 | 2 | 50 | 102 | 14 | 21 | 0,007707842 |
| 2020 | 2 | 50 | 102 | 15 | 21 | 0,007936572 |
| 2020 | 2 | 50 | 102 | 16 | 20 | 0,00736177 |
| 2020 | 2 | 50 | 102 | 17 | 21 | 0,006149424 |
| 2020 | 2 | 50 | 102 | 18 | 21 | 0,008026599 |
| 2020 | 2 | 50 | 102 | 19 | 20 | 0,008481022 |
| 2020 | 2 | 50 | 102 | 20 | 21 | 0,007558416 |
| 2020 | 2 | 50 | 102 | 21 | 20 | 0,007849334 |
| 2020 | 2 | 50 | 102 | 22 | 16 | 0,014981407 |
| 2020 | 2 | 50 | 102 | 23 | 20 | 0,009024844 |
| 2020 | 2 | 50 | 102 | 24 | 21 | 0,00661643 |
| 2020 | 2 | 50 | 102 | 25 | 20 | 0,00575166 |
| 2020 | 2 | 50 | 102 | 26 | 21 | 0,009931866 |
| 2020 | 2 | 50 | 102 | 27 | 21 | 0,005431476 |
| 2020 | 2 | 50 | 102 | 28 | 20 | 0,009200686 |
| 2020 | 2 | 50 | 102 | 29 | 21 | 0,011732226 |
| 2020 | 2 | 52 | 102 | 1 | 21 | 0,028561247 |
| 2020 | 2 | 52 | 102 | 2 | 21 | 0,029630183 |
| 2020 | 2 | 52 | 102 | 3 | 21 | 0,023177715 |
| 2020 | 2 | 52 | 102 | 4 | 21 | 0,023326721 |
| 2020 | 2 | 52 | 102 | 5 | 21 | 0,020078092 |
| 2020 | 2 | 52 | 102 | 6 | 21 | 0,022413875 |
| 2020 | 2 | 52 | 102 | 7 | 21 | 0,024766581 |
| 2020 | 2 | 52 | 102 | 8 | 21 | 0,02732925 |
| 2020 | 2 | 52 | 102 | 9 | 20 | 0,028950631 |
| 2020 | 2 | 52 | 102 | 10 | 21 | 0,024404802 |
| 2020 | 2 | 52 | 102 | 11 | 21 | 0,024070285 |
| 2020 | 2 | 52 | 102 | 12 | 21 | 0,027842447 |
| 2020 | 2 | 52 | 102 | 13 | 21 | 0,026938959 |
| 2020 | 2 | 52 | 102 | 14 | 21 | 0,028077029 |
| 2020 | 2 | 52 | 102 | 15 | 21 | 0,030391615 |
| 2020 | 2 | 52 | 102 | 16 | 21 | 0,027565648 |
| 2020 | 2 | 52 | 102 | 17 | 21 | 0,027542791 |
| 2020 | 2 | 52 | 102 | 18 | 21 | 0,025452426 |
| 2020 | 2 | 52 | 102 | 19 | 21 | 0,026388178 |
| 2020 | 2 | 52 | 102 | 20 | 21 | 0,026400846 |
| 2020 | 2 | 52 | 102 | 21 | 20 | 0,035969692 |
| 2020 | 2 | 52 | 102 | 22 | 21 | 0,035382742 |
| 2020 | 2 | 52 | 102 | 23 | 20 | 0,034746557 |
| 2020 | 2 | 52 | 102 | 24 | 21 | 0,030484966 |
| 2020 | 2 | 52 | 102 | 25 | 20 | 0,035226133 |
| 2020 | 2 | 52 | 102 | 26 | 20 | 0,030644877 |
| 2020 | 2 | 52 | 102 | 27 | 21 | 0,029049129 |
| 2020 | 2 | 52 | 102 | 28 | 21 | 0,031920994 |
| 2020 | 2 | 52 | 102 | 29 | 21 | 0,032171027 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 54 | 102 | 1 | 20 | 0,011435595 |
| 2020 | 2 | 54 | 102 | 2 | 21 | 0,013171328 |
| 2020 | 2 | 54 | 102 | 3 | 20 | 0,011933235 |
| 2020 | 2 | 54 | 102 | 4 | 21 | 0,013189563 |
| 2020 | 2 | 54 | 102 | 5 | 21 | 0,007893123 |
| 2020 | 2 | 54 | 102 | 6 | 21 | 0,012574757 |
| 2020 | 2 | 54 | 102 | 7 | 21 | 0,015101708 |
| 2020 | 2 | 54 | 102 | 8 | 20 | 0,013551655 |
| 2020 | 2 | 54 | 102 | 9 | 20 | 0,014246115 |
| 2020 | 2 | 54 | 102 | 10 | 20 | 0,015487322 |
| 2020 | 2 | 54 | 102 | 11 | 20 | 0,017660669 |
| 2020 | 2 | 54 | 102 | 12 | 20 | 0,017463383 |
| 2020 | 2 | 54 | 102 | 13 | 21 | 0,015057975 |
| 2020 | 2 | 54 | 102 | 14 | 20 | 0,013661721 |
| 2020 | 2 | 54 | 102 | 15 | 21 | 0,011767676 |
| 2020 | 2 | 54 | 102 | 16 | 20 | 0,014727386 |
| 2020 | 2 | 54 | 102 | 17 | 20 | 0,016723742 |
| 2020 | 2 | 54 | 102 | 18 | 20 | 0,016125113 |
| 2020 | 2 | 54 | 102 | 19 | 21 | 0,014501036 |
| 2020 | 2 | 54 | 102 | 20 | 20 | 0,016839527 |
| 2020 | 2 | 54 | 102 | 21 | 20 | 0,0161403 |
| 2020 | 2 | 54 | 102 | 22 | 21 | 0,010409888 |
| 2020 | 2 | 54 | 102 | 23 | 21 | 0,011657062 |
| 2020 | 2 | 54 | 102 | 24 | 20 | 0,012657922 |
| 2020 | 2 | 54 | 102 | 25 | 20 | 0,013759949 |
| 2020 | 2 | 54 | 102 | 26 | 21 | 0,012604062 |
| 2020 | 2 | 54 | 102 | 27 | 20 | 0,01550465 |
| 2020 | 2 | 54 | 102 | 28 | 21 | 0,012841615 |
| 2020 | 2 | 54 | 102 | 29 | 21 | 0,013425376 |
| 2020 | 2 | 63 | 102 | 1 | 20 | 0,047696363 |
| 2020 | 2 | 63 | 102 | 2 | 15 | 0,070649664 |
| 2020 | 2 | 63 | 102 | 3 | 21 | 0,030747221 |
| 2020 | 2 | 63 | 102 | 4 | 19 | 0,048985165 |
| 2020 | 2 | 63 | 102 | 5 | 21 | 0,041666667 |
| 2020 | 2 | 63 | 102 | 6 | 20 | 0,041887611 |
| 2020 | 2 | 63 | 102 | 7 | 21 | 0,042231089 |
| 2020 | 2 | 63 | 102 | 8 | 19 | 0,066776154 |
| 2020 | 2 | 63 | 102 | 9 | 16 | 0,084923937 |
| 2020 | 2 | 63 | 102 | 10 | 20 | 0,04497136 |
| 2020 | 2 | 63 | 102 | 11 | 20 | 0,048059303 |
| 2020 | 2 | 63 | 102 | 12 | 20 | 0,043059483 |
| 2020 | 2 | 63 | 102 | 13 | 20 | 0,044604338 |
| 2020 | 2 | 63 | 102 | 14 | 20 | 0,050517566 |
| 2020 | 2 | 63 | 102 | 15 | 20 | 0,049905939 |
| 2020 | 2 | 63 | 102 | 16 | 16 | 0,082746198 |
| 2020 | 2 | 63 | 102 | 17 | 21 | 0,049341991 |
| 2020 | 2 | 63 | 102 | 18 | 21 | 0,050273167 |
| 2020 | 2 | 63 | 102 | 19 | 20 | 0,046671585 |
| 2020 | 2 | 63 | 102 | 20 | 21 | 0,050128399 |
| 2020 | 2 | 63 | 102 | 21 | 20 | 0,050932236 |
| 2020 | 2 | 63 | 102 | 22 | 21 | 0,071581998 |
| 2020 | 2 | 63 | 102 | 23 | 16 | 0,088699904 |
| 2020 | 2 | 63 | 102 | 24 | 19 | 0,055437248 |
| 2020 | 2 | 63 | 102 | 25 | 20 | 0,043564296 |
| 2020 | 2 | 63 | 102 | 26 | 21 | 0,048929879 |
| 2020 | 2 | 63 | 102 | 27 | 20 | 0,044759763 |
| 2020 | 2 | 63 | 102 | 28 | 21 | 0,056719072 |
| 2020 | 2 | 63 | 102 | 29 | 21 | 0,058444523 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 66 | 102 | 1 | 20 | 0,094510651 |
| 2020 | 2 | 66 | 102 | 2 | 21 | 0,088091815 |
| 2020 | 2 | 66 | 102 | 3 | 21 | 0,08537086 |
| 2020 | 2 | 66 | 102 | 4 | 21 | 0,093428379 |
| 2020 | 2 | 66 | 102 | 5 | 21 | 0,079805219 |
| 2020 | 2 | 66 | 102 | 6 | 21 | 0,072814832 |
| 2020 | 2 | 66 | 102 | 7 | 21 | 0,089949049 |
| 2020 | 2 | 66 | 102 | 8 | 21 | 0,092688564 |
| 2020 | 2 | 66 | 102 | 9 | 14 | 0,132004362 |
| 2020 | 2 | 66 | 102 | 10 | 21 | 0,065603753 |
| 2020 | 2 | 66 | 102 | 11 | 20 | 0,07504677 |
| 2020 | 2 | 66 | 102 | 12 | 20 | 0,084927117 |
| 2020 | 2 | 66 | 102 | 13 | 13 | 0,107239927 |
| 2020 | 2 | 66 | 102 | 14 | 19 | 0,107914932 |
| 2020 | 2 | 66 | 102 | 15 | 21 | 0,09255588 |
| 2020 | 2 | 66 | 102 | 16 | 16 | 0,143396168 |
| 2020 | 2 | 66 | 102 | 17 | 20 | 0,085317423 |
| 2020 | 2 | 66 | 102 | 18 | 21 | 0,071281284 |
| 2020 | 2 | 66 | 102 | 19 | 21 | 0,073179199 |
| 2020 | 2 | 66 | 102 | 20 | 21 | 0,086149829 |
| 2020 | 2 | 66 | 102 | 21 | 20 | 0,09241799 |
| 2020 | 2 | 66 | 102 | 22 | 16 | 0,140482351 |
| 2020 | 2 | 66 | 102 | 23 | 16 | 0,14227094 |
| 2020 | 2 | 66 | 102 | 24 | 20 | 0,093051919 |
| 2020 | 2 | 66 | 102 | 25 | 20 | 0,087669763 |
| 2020 | 2 | 66 | 102 | 26 | 20 | 0,093681891 |
| 2020 | 2 | 66 | 102 | 27 | 20 | 0,084583802 |
| 2020 | 2 | 66 | 102 | 28 | 21 | 0,114646596 |
| 2020 | 2 | 66 | 102 | 29 | 18 | 0,135191045 |
| 2020 | 2 | 68 | 102 | 1 | 21 | 0,011804332 |
| 2020 | 2 | 68 | 102 | 2 | 20 | 0,012887462 |
| 2020 | 2 | 68 | 102 | 3 | 21 | 0,009925231 |
| 2020 | 2 | 68 | 102 | 4 | 20 | 0,011485697 |
| 2020 | 2 | 68 | 102 | 5 | 21 | 0,009049512 |
| 2020 | 2 | 68 | 102 | 6 | 20 | 0,011181391 |
| 2020 | 2 | 68 | 102 | 7 | 20 | 0,012737577 |
| 2020 | 2 | 68 | 102 | 8 | 21 | 0,013831532 |
| 2020 | 2 | 68 | 102 | 9 | 20 | 0,013143612 |
| 2020 | 2 | 68 | 102 | 10 | 20 | 0,009815563 |
| 2020 | 2 | 68 | 102 | 11 | 20 | 0,012037638 |
| 2020 | 2 | 68 | 102 | 12 | 20 | 0,01126707 |
| 2020 | 2 | 68 | 102 | 13 | 20 | 0,011867223 |
| 2020 | 2 | 68 | 102 | 14 | 20 | 0,010825462 |
| 2020 | 2 | 68 | 102 | 15 | 21 | 0,011105498 |
| 2020 | 2 | 68 | 102 | 16 | 20 | 0,011673772 |
| 2020 | 2 | 68 | 102 | 17 | 20 | 0,010870396 |
| 2020 | 2 | 68 | 102 | 18 | 20 | 0,010147241 |
| 2020 | 2 | 68 | 102 | 19 | 20 | 0,010421548 |
| 2020 | 2 | 68 | 102 | 20 | 21 | 0,009806436 |
| 2020 | 2 | 68 | 102 | 21 | 20 | 0,012076582 |
| 2020 | 2 | 68 | 102 | 22 | 20 | 0,015276844 |
| 2020 | 2 | 68 | 102 | 23 | 20 | 0,014208668 |
| 2020 | 2 | 68 | 102 | 24 | 20 | 0,010908202 |
| 2020 | 2 | 68 | 102 | 25 | 20 | 0,010521884 |
| 2020 | 2 | 68 | 102 | 26 | 20 | 0,01361915 |
| 2020 | 2 | 68 | 102 | 27 | 20 | 0,013738694 |
| 2020 | 2 | 68 | 102 | 28 | 20 | 0,018777778 |
| 2020 | 2 | 68 | 102 | 29 | 20 | 0,015675721 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 70 | 102 | 1 | 22 | 0,023384437 |
| 2020 | 2 | 70 | 102 | 2 | 21 | 0,010189824 |
| 2020 | 2 | 70 | 102 | 3 | 20 | 0,016446105 |
| 2020 | 2 | 70 | 102 | 4 | 20 | 0,026009073 |
| 2020 | 2 | 70 | 102 | 5 | 21 | 0,017899708 |
| 2020 | 2 | 70 | 102 | 6 | 19 | 0,020940281 |
| 2020 | 2 | 70 | 102 | 7 | 22 | 0,017402947 |
| 2020 | 2 | 70 | 102 | 8 | 20 | 0,016628004 |
| 2020 | 2 | 70 | 102 | 9 | 14 | 0,023879719 |
| 2020 | 2 | 70 | 102 | 10 | 20 | 0,019227085 |
| 2020 | 2 | 70 | 102 | 11 | 20 | 0,02759688 |
| 2020 | 2 | 70 | 102 | 12 | 13 | 0,029819996 |
| 2020 | 2 | 70 | 102 | 13 | 21 | 0,018906134 |
| 2020 | 2 | 70 | 102 | 14 | 20 | 0,022685005 |
| 2020 | 2 | 70 | 102 | 15 | 21 | 0,019037943 |
| 2020 | 2 | 70 | 102 | 16 | 22 | 0,02462504 |
| 2020 | 2 | 70 | 102 | 17 | 21 | 0,013960336 |
| 2020 | 2 | 70 | 102 | 18 | 20 | 0,020089203 |
| 2020 | 2 | 70 | 102 | 19 | 20 | 0,016172296 |
| 2020 | 2 | 70 | 102 | 20 | 20 | 0,0187254 |
| 2020 | 2 | 70 | 102 | 21 | 22 | 0,022893619 |
| 2020 | 2 | 70 | 102 | 22 | 21 | 0,020212529 |
| 2020 | 2 | 70 | 102 | 23 | 19 | 0,018506322 |
| 2020 | 2 | 70 | 102 | 24 | 20 | 0,023086271 |
| 2020 | 2 | 70 | 102 | 25 | 13 | 0,027837312 |
| 2020 | 2 | 70 | 102 | 26 | 20 | 0,019871462 |
| 2020 | 2 | 70 | 102 | 27 | 21 | 0,014168281 |
| 2020 | 2 | 70 | 102 | 28 | 22 | 0,014900721 |
| 2020 | 2 | 70 | 102 | 29 | 21 | 0,022097029 |
| 2020 | 2 | 73 | 102 | 1 | 21 | 0,013026206 |
| 2020 | 2 | 73 | 102 | 2 | 13 | 0,018149466 |
| 2020 | 2 | 73 | 102 | 3 | 21 | 0,010103795 |
| 2020 | 2 | 73 | 102 | 4 | 21 | 0,008259614 |
| 2020 | 2 | 73 | 102 | 5 | 21 | 0,008770522 |
| 2020 | 2 | 73 | 102 | 6 | 21 | 0,009791122 |
| 2020 | 2 | 73 | 102 | 7 | 20 | 0,014097371 |
| 2020 | 2 | 73 | 102 | 8 | 20 | 0,012127827 |
| 2020 | 2 | 73 | 102 | 9 | 14 | 0,016650664 |
| 2020 | 2 | 73 | 102 | 10 | 21 | 0,009052595 |
| 2020 | 2 | 73 | 102 | 11 | 21 | 0,012484955 |
| 2020 | 2 | 73 | 102 | 12 | 20 | 0,011622928 |
| 2020 | 2 | 73 | 102 | 13 | 20 | 0,011270943 |
| 2020 | 2 | 73 | 102 | 14 | 21 | 0,011413698 |
| 2020 | 2 | 73 | 102 | 15 | 21 | 0,010547221 |
| 2020 | 2 | 73 | 102 | 16 | 13 | 0,011845431 |
| 2020 | 2 | 73 | 102 | 17 | 21 | 0,009702215 |
| 2020 | 2 | 73 | 102 | 18 | 21 | 0,008521052 |
| 2020 | 2 | 73 | 102 | 19 | 20 | 0,011639361 |
| 2020 | 2 | 73 | 102 | 20 | 21 | 0,010741678 |
| 2020 | 2 | 73 | 102 | 21 | 21 | 0,014873003 |
| 2020 | 2 | 73 | 102 | 22 | 21 | 0,012968965 |
| 2020 | 2 | 73 | 102 | 23 | 11 | 0,015656519 |
| 2020 | 2 | 73 | 102 | 24 | 20 | 0,010732506 |
| 2020 | 2 | 73 | 102 | 25 | 21 | 0,009778474 |
| 2020 | 2 | 73 | 102 | 26 | 21 | 0,010857162 |
| 2020 | 2 | 73 | 102 | 27 | 21 | 0,012477603 |
| 2020 | 2 | 73 | 102 | 28 | 21 | 0,013848022 |
| 2020 | 2 | 73 | 102 | 29 | 21 | 0,013091734 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 76 | 102 | 1 | 21 | 0,032769792 |
| 2020 | 2 | 76 | 102 | 2 | 20 | 0,033743784 |
| 2020 | 2 | 76 | 102 | 3 | 21 | 0,022482962 |
| 2020 | 2 | 76 | 102 | 4 | 21 | 0,025793102 |
| 2020 | 2 | 76 | 102 | 5 | 21 | 0,026386808 |
| 2020 | 2 | 76 | 102 | 6 | 21 | 0,023829207 |
| 2020 | 2 | 76 | 102 | 7 | 21 | 0,029708547 |
| 2020 | 2 | 76 | 102 | 8 | 19 | 0,050262237 |
| 2020 | 2 | 76 | 102 | 9 | 20 | 0,033881852 |
| 2020 | 2 | 76 | 102 | 10 | 20 | 0,027698371 |
| 2020 | 2 | 76 | 102 | 11 | 20 | 0,02871328 |
| 2020 | 2 | 76 | 102 | 12 | 20 | 0,026302958 |
| 2020 | 2 | 76 | 102 | 13 | 13 | 0,038874182 |
| 2020 | 2 | 76 | 102 | 14 | 20 | 0,024971731 |
| 2020 | 2 | 76 | 102 | 15 | 21 | 0,027239605 |
| 2020 | 2 | 76 | 102 | 16 | 20 | 0,030231741 |
| 2020 | 2 | 76 | 102 | 17 | 13 | 0,055899822 |
| 2020 | 2 | 76 | 102 | 18 | 21 | 0,023572678 |
| 2020 | 2 | 76 | 102 | 19 | 20 | 0,028305942 |
| 2020 | 2 | 76 | 102 | 20 | 20 | 0,026369396 |
| 2020 | 2 | 76 | 102 | 21 | 20 | 0,037926848 |
| 2020 | 2 | 76 | 102 | 22 | 21 | 0,032670841 |
| 2020 | 2 | 76 | 102 | 23 | 20 | 0,033521759 |
| 2020 | 2 | 76 | 102 | 24 | 20 | 0,025018328 |
| 2020 | 2 | 76 | 102 | 25 | 20 | 0,024779768 |
| 2020 | 2 | 76 | 102 | 26 | 20 | 0,027871293 |
| 2020 | 2 | 76 | 102 | 27 | 20 | 0,02838905 |
| 2020 | 2 | 76 | 102 | 28 | 20 | 0,031332859 |
| 2020 | 2 | 76 | 102 | 29 | 19 | 0,03799438 |
| 2020 | 2 | 81 | 102 | 1 | 21 | 0,004695152 |
| 2020 | 2 | 81 | 102 | 2 | 20 | 0,0132201 |
| 2020 | 2 | 81 | 102 | 3 | 20 | 0,009372678 |
| 2020 | 2 | 81 | 102 | 4 | 21 | 0,004910992 |
| 2020 | 2 | 81 | 102 | 5 | 21 | 0,004808571 |
| 2020 | 2 | 81 | 102 | 6 | 21 | 0,005824328 |
| 2020 | 2 | 81 | 102 | 7 | 20 | 0,00919686 |
| 2020 | 2 | 81 | 102 | 8 | 20 | 0,011976822 |
| 2020 | 2 | 81 | 102 | 9 | 21 | 0,012232494 |
| 2020 | 2 | 81 | 102 | 10 | 21 | 0,011565433 |
| 2020 | 2 | 81 | 102 | 11 | 20 | 0,010386364 |
| 2020 | 2 | 81 | 102 | 12 | 21 | 0,007001851 |
| 2020 | 2 | 81 | 102 | 13 | 21 | 0,008619171 |
| 2020 | 2 | 81 | 102 | 14 | 20 | 0,009559164 |
| 2020 | 2 | 81 | 102 | 15 | 20 | 0,007954 |
| 2020 | 2 | 81 | 102 | 16 | 20 | 0,007999247 |
| 2020 | 2 | 81 | 102 | 17 | 21 | 0,005460547 |
| 2020 | 2 | 81 | 102 | 18 | 21 | 0,004983597 |
| 2020 | 2 | 81 | 102 | 19 | 20 | 0,011178812 |
| 2020 | 2 | 81 | 102 | 20 | 20 | 0,008772901 |
| 2020 | 2 | 81 | 102 | 21 | 20 | 0,004410173 |
| 2020 | 2 | 81 | 102 | 22 | 21 | 0,009371392 |
| 2020 | 2 | 81 | 102 | 23 | 20 | 0,003767788 |
| 2020 | 2 | 81 | 102 | 24 | 13 | 0,006974701 |
| 2020 | 2 | 81 | 102 | 25 | 20 | 0,009363962 |
| 2020 | 2 | 81 | 102 | 26 | 19 | 0,008347356 |
| 2020 | 2 | 81 | 102 | 27 | 20 | 0,008066 |
| 2020 | 2 | 81 | 102 | 28 | 20 | 0,006274404 |
| 2020 | 2 | 81 | 102 | 29 | 21 | 0,005671443 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 85 | 102 | 1 | 20 | 0,005914713 |
| 2020 | 2 | 85 | 102 | 2 | 20 | 0,004601874 |
| 2020 | 2 | 85 | 102 | 3 | 21 | 0,00624672 |
| 2020 | 2 | 85 | 102 | 4 | 19 | 0,006312505 |
| 2020 | 2 | 85 | 102 | 5 | 21 | 0,007476285 |
| 2020 | 2 | 85 | 102 | 6 | 21 | 0,006538664 |
| 2020 | 2 | 85 | 102 | 7 | 21 | 0,004579009 |
| 2020 | 2 | 85 | 102 | 8 | 20 | 0,005653198 |
| 2020 | 2 | 85 | 102 | 9 | 20 | 0,005456016 |
| 2020 | 2 | 85 | 102 | 10 | 21 | 0,005193256 |
| 2020 | 2 | 85 | 102 | 11 | 21 | 0,004525885 |
| 2020 | 2 | 85 | 102 | 12 | 21 | 0,004463612 |
| 2020 | 2 | 85 | 102 | 13 | 21 | 0,003707745 |
| 2020 | 2 | 85 | 102 | 14 | 21 | 0,006508476 |
| 2020 | 2 | 85 | 102 | 15 | 21 | 0,003851161 |
| 2020 | 2 | 85 | 102 | 16 | 20 | 0,003860268 |
| 2020 | 2 | 85 | 102 | 17 | 21 | 0,00749289 |
| 2020 | 2 | 85 | 102 | 18 | 21 | 0,007216462 |
| 2020 | 2 | 85 | 102 | 19 | 20 | 0,004287476 |
| 2020 | 2 | 85 | 102 | 20 | 21 | 0,008764604 |
| 2020 | 2 | 85 | 102 | 21 | 21 | 0,004605521 |
| 2020 | 2 | 85 | 102 | 22 | 20 | 0,007784291 |
| 2020 | 2 | 85 | 102 | 23 | 19 | 0,008023612 |
| 2020 | 2 | 85 | 102 | 24 | 20 | 0,006262364 |
| 2020 | 2 | 85 | 102 | 25 | 20 | 0,006209841 |
| 2020 | 2 | 85 | 102 | 26 | 12 | 0,008671403 |
| 2020 | 2 | 85 | 102 | 27 | 21 | 0,007509278 |
| 2020 | 2 | 85 | 102 | 28 | 21 | 0,005125349 |
| 2020 | 2 | 85 | 102 | 29 | 20 | 0,006378934 |
| 2020 | 2 | 86 | 102 | 1 | 16 | 0,015685528 |
| 2020 | 2 | 86 | 102 | 2 | 20 | 0,01481708 |
| 2020 | 2 | 86 | 102 | 3 | 21 | 0,008829625 |
| 2020 | 2 | 86 | 102 | 4 | 21 | 0,009894406 |
| 2020 | 2 | 86 | 102 | 5 | 22 | 0,013113795 |
| 2020 | 2 | 86 | 102 | 6 | 11 | 0,009602937 |
| 2020 | 2 | 86 | 102 | 7 | 16 | 0,011980932 |
| 2020 | 2 | 86 | 102 | 8 | 13 | 0,015526727 |
| 2020 | 2 | 86 | 102 | 9 | 21 | 0,01326514 |
| 2020 | 2 | 86 | 102 | 10 | 20 | 0,015759773 |
| 2020 | 2 | 86 | 102 | 11 | 22 | 0,018503497 |
| 2020 | 2 | 86 | 102 | 12 | 21 | 0,01633961 |
| 2020 | 2 | 86 | 102 | 13 | 18 | 0,013436626 |
| 2020 | 2 | 86 | 102 | 14 | 20 | 0,011558752 |
| 2020 | 2 | 86 | 102 | 15 | 16 | 0,016553244 |
| 2020 | 2 | 86 | 102 | 16 | 21 | 0,008204025 |
| 2020 | 2 | 86 | 102 | 17 | 20 | 0,012055792 |
| 2020 | 2 | 86 | 102 | 18 | 21 | 0,013247225 |
| 2020 | 2 | 86 | 102 | 19 | 11 | 0,019436106 |
| 2020 | 2 | 86 | 102 | 20 | 21 | 0,010698471 |
| 2020 | 2 | 86 | 102 | 21 | 19 | 0,01955257 |
| 2020 | 2 | 86 | 102 | 22 | 14 | 0,0168097 |
| 2020 | 2 | 86 | 102 | 23 | 13 | 0,025250931 |
| 2020 | 2 | 86 | 102 | 24 | 21 | 0,009480955 |
| 2020 | 2 | 86 | 102 | 25 | 19 | 0,021137825 |
| 2020 | 2 | 86 | 102 | 26 | 19 | 0,013035625 |
| 2020 | 2 | 86 | 102 | 27 | 22 | 0,00756364 |
| 2020 | 2 | 86 | 102 | 28 | 17 | 0,013119417 |
| 2020 | 2 | 86 | 102 | 29 | 13 | 0,014825847 |

| ANNO | MES | ID_DEPARTAMENTO | ID_ZONA | DIA | HORA_PICO_RESTO_DPTO | TASA_PERDIDA_ANORMAL |
|------|-----|-----------------|---------|-----|----------------------|----------------------|
| 2020 | 2 | 95 | 102 | 1 | 20 | 0,00977398 |
| 2020 | 2 | 95 | 102 | 2 | 20 | 0,002951228 |
| 2020 | 2 | 95 | 102 | 3 | 21 | 0,004587982 |
| 2020 | 2 | 95 | 102 | 4 | 21 | 0,002578818 |
| 2020 | 2 | 95 | 102 | 5 | 21 | 0,004387504 |
| 2020 | 2 | 95 | 102 | 6 | 22 | 0,001779399 |
| 2020 | 2 | 95 | 102 | 7 | 20 | 0,006380159 |
| 2020 | 2 | 95 | 102 | 8 | 21 | 0,005223893 |
| 2020 | 2 | 95 | 102 | 9 | 21 | 0,005071746 |
| 2020 | 2 | 95 | 102 | 10 | 21 | 0,001938251 |
| 2020 | 2 | 95 | 102 | 11 | 21 | 0,00195918 |
| 2020 | 2 | 95 | 102 | 12 | 20 | 0,003601994 |
| 2020 | 2 | 95 | 102 | 13 | 20 | 0,005691163 |
| 2020 | 2 | 95 | 102 | 14 | 20 | 0,002974889 |
| 2020 | 2 | 95 | 102 | 15 | 19 | 0,006742791 |
| 2020 | 2 | 95 | 102 | 16 | 20 | 0,009907666 |
| 2020 | 2 | 95 | 102 | 17 | 21 | 0,005469103 |
| 2020 | 2 | 95 | 102 | 18 | 20 | 0,003906928 |
| 2020 | 2 | 95 | 102 | 19 | 20 | 0,010966573 |
| 2020 | 2 | 95 | 102 | 20 | 21 | 0,003591399 |
| 2020 | 2 | 95 | 102 | 21 | 20 | 0,004395527 |
| 2020 | 2 | 95 | 102 | 22 | 21 | 0,007384979 |
| 2020 | 2 | 95 | 102 | 23 | 20 | 0,00204767 |
| 2020 | 2 | 95 | 102 | 24 | 20 | 0,003239188 |
| 2020 | 2 | 95 | 102 | 25 | 20 | 0,001933211 |
| 2020 | 2 | 95 | 102 | 26 | 20 | 0,00122548 |
| 2020 | 2 | 95 | 102 | 27 | 21 | 0 |
| 2020 | 2 | 95 | 102 | 28 | 21 | 0,003191073 |
| 2020 | 2 | 95 | 102 | 29 | 21 | 0,006526478 |