



# SISTEMA DE INFORMACIÓN MICROBIOLÓGICA DE EUSKADI

2022

---

DATOS AGREGADOS

SIMCAPV

## Sistema de información microbiológica

El Sistema de Información Microbiológica de la Comunidad Autónoma Vasca (SIMCAV)<sup>1</sup> recoge datos sobre la patología infecciosa confirmada por todos los laboratorios de microbiología de la Red de Diagnostico Biológico de Osakidetza, que remiten la información de manera voluntaria.

Los objetivos del SIMCAV son la detección de la circulación de los diferentes agentes etiológicos, sus características y sus patrones de presentación, caracterización de brotes epidémicos, identificación de nuevos agentes y patologías emergentes e incorporación de nuevos elementos de vigilancia, tales como resistencias bacterianas.

Este sistema de vigilancia funciona de manera estable desde el año 1993. Es un sistema de notificación básico que incluye las infecciones registradas tanto en atención primaria como en hospitales. La normativa relativa a la vigilancia microbiológica se recoge en el DECRETO 312/1996<sup>2</sup> y se desarrolla en la ORDEN de 27 de febrero de 2009<sup>3</sup>.

En las siguientes tablas se presenta los principales resultados del año 2023 del SIMCAV, que incluye datos remitidos desde los laboratorios de microbiología a las Unidades de Vigilancia Epidemiológica.

Tabla 1: Microorganismos declarados al SIMCAV por territorio histórico del paciente.

| SIMCAPV 2022                                  |                                   |         |          |       |
|-----------------------------------------------|-----------------------------------|---------|----------|-------|
| Microorganismo                                | Territorio histórico del paciente |         |          |       |
|                                               | Araba                             | Bizkaia | Gipuzkoa | Total |
| Adenovirus 40/41                              | 6                                 |         | 186      | 192   |
| Adenovirus no tipado                          | 43                                | 284     | 694      | 1021  |
| <i>Bartonella henselae</i>                    |                                   | 5       |          | 5     |
| <i>Bartonella sp</i>                          |                                   |         | 2        | 2     |
| <i>Bordetella pertussis</i>                   |                                   |         | 1        | 1     |
| <i>Borrelia burgdorferi</i>                   |                                   | 9       |          | 9     |
| <i>Brucella sp</i>                            | 1                                 |         | 1        | 2     |
| Campylobacter otra especie                    | 1                                 | 9       |          | 10    |
| <i>Campylobacter coli</i>                     | 44                                | 149     | 81       | 274   |
| <i>Campylobacter fetus</i>                    | 1                                 | 1       | 7        | 9     |
| <i>Campylobacter jejuni</i>                   | 336                               | 1029    | 833      | 2198  |
| <i>Campylobacter lari</i>                     | 1                                 | 1       | 1        | 3     |
| <i>Campylobacter sp</i>                       | 3                                 | 173     | 3        | 179   |
| <i>Chlamydia trachomatis</i>                  | 365                               | 988     | 863      | 2216  |
| <i>Chlamydia trachomatis L1, L2, L3</i>       | 3                                 | 25      | 17       | 45    |
| <i>Chlamydophila pneumoniae</i>               | 1                                 | 2       |          | 3     |
| <i>Clostridium difficile enterotoxigénico</i> | 80                                | 292     | 136      | 508   |
| <i>Coxiella burnetti</i>                      | 37                                | 40      | 9        | 86    |

<sup>1</sup> <https://www.euskadi.eus/informacion/informacion-microbiologica/web01-a3vipub/es/>

<sup>2</sup> <https://www.legegunea.euskadi.eus/eli/es-pv/d/1996/12/24/312/dof/spa/html/webleg00-contfich/es/>

<sup>3</sup> [https://www.legegunea.euskadi.eus/webleg00-contfich/es/contenidos/orden/bopv200901678/es\\_def/index.shtml](https://www.legegunea.euskadi.eus/webleg00-contfich/es/contenidos/orden/bopv200901678/es_def/index.shtml)

|                                           |     |     |     |      |
|-------------------------------------------|-----|-----|-----|------|
| <i>Cryptosporidium sp</i>                 | 24  | 25  | 242 | 291  |
| <i>Dengue sp</i>                          | 4   | 13  | 12  | 29   |
| <i>Entamoeba histolytica</i>              |     | 3   | 5   | 8    |
| <i>Enterovirus enterovirus</i>            | 1   | 1   | 10  | 12   |
| <i>Enterovirus no tipado</i>              | 5   | 47  | 2   | 54   |
| <i>Escherichia coli O157</i>              |     | 14  | 20  | 34   |
| <i>Escherichia coli verotoxigénica</i>    | 2   | 132 | 28  | 162  |
| <i>Giardia lamblia</i>                    | 92  | 157 | 220 | 469  |
| <i>Haemophilus influenzae</i>             | 6   | 16  | 3   | 25   |
| Virus de la hepatitis A                   | 2   | 8   | 1   | 11   |
| Virus de la hepatitis B                   | 4   | 6   | 3   | 13   |
| Virus de la hepatitis C                   | 1   | 5   | 23  | 29   |
| Virus de la hepatitis D                   |     | 1   |     | 1    |
| Virus de la hepatitis E                   | 1   | 2   | 1   | 4    |
| Herpes simple tipo 1                      | 59  | 27  | 13  | 99   |
| Herpes simple tipo 2                      | 81  | 214 | 113 | 408  |
| <i>Legionella pneumophila</i>             | 8   | 39  | 38  | 85   |
| <i>Legionella pneumophila sg 1</i>        |     | 25  | 1   | 26   |
| <i>Legionella sp</i>                      |     | 1   | 14  | 15   |
| <i>Leishmania sp</i>                      |     | 1   |     | 1    |
| <i>Leptospira sp</i>                      | 1   |     | 7   | 8    |
| <i>Listeria monocytogenes</i>             | 5   | 12  | 10  | 27   |
| <i>Mycobacterium abscesus</i>             |     | 3   |     | 3    |
| <i>Mycobacterium africanum</i>            | 1   |     |     | 1    |
| <i>Mycobacterium avium</i>                | 2   | 9   |     | 11   |
| <i>Mycobacterium avium complex</i>        | 1   |     |     | 1    |
| <i>Mycobacterium bovis</i>                |     |     | 3   | 3    |
| <i>Mycobacterium chelonae</i>             | 1   | 1   |     | 2    |
| <i>Mycobacterium chimaera</i>             | 1   | 16  |     | 17   |
| <i>Mycobacterium fortuitum</i>            | 1   | 3   |     | 4    |
| <i>Mycobacterium intracellulare</i>       | 2   | 4   |     | 6    |
| <i>Mycobacterium kumamotonense</i>        |     | 1   |     | 1    |
| <i>Mycobacterium lentiflavum</i>          | 9   | 2   |     | 11   |
| <i>Mycobacterium leprae</i>               |     |     | 1   | 1    |
| <i>Otras micobacterias</i>                | 1   | 2   |     | 2    |
| <i>Mycobacterium tuberculosis</i>         | 10  | 56  | 45  | 111  |
| <i>Mycobacterium tuberculosis complex</i> | 5   | 42  |     | 47   |
| <i>Mycobacterium xenopi</i>               | 1   |     |     | 1    |
| <i>Mycoplasma pneumoniae</i>              | 1   | 2   | 1   | 4    |
| <i>Neisseria gonorrhoeae</i>              | 282 | 763 | 371 | 1417 |
| <i>Neisseria meningitidis A</i>           | 1   |     |     | 1    |
| <i>Neisseria meningitidis B</i>           |     |     | 1   | 1    |
| <i>Neisseria meningitidis no tipada</i>   | 3   | 3   | 1   | 7    |

|                                 |    |     |      |      |
|---------------------------------|----|-----|------|------|
| <i>Neisseria meningitidis</i> Y |    |     | 1    | 1    |
| Norovirus                       | 16 | 541 | 1032 | 1589 |
| Parotiditis (Paramyxovirus)     | 1  | 15  | 1    | 17   |
| <i>Plasmodium falciparum</i>    | 11 | 21  | 7    | 39   |
| <i>Plasmodium ovale</i>         | 1  |     | 1    | 2    |
| <i>Plasmodium sp</i>            |    | 1   | 4    | 5    |
| <i>Rotavirus sp</i>             | 99 | 364 | 523  | 986  |
| Salmonella agona                | 1  |     | 1    | 2    |
| Salmonella altona               |    |     | 1    | 1    |
| Salmonella arizonae             | 1  |     | 2    | 3    |
| Salmonella bareilly             |    |     | 1    | 1    |
| Salmonella bovis-morbificans    |    | 6   |      | 6    |
| Salmonella braenderup           |    | 1   | 1    | 2    |
| Salmonella bredeney             |    | 1   | 1    | 2    |
| Salmonella chester              |    | 1   |      | 1    |
| Salmonella coeln                |    | 3   | 1    | 4    |
| Salmonella corvalli             |    | 1   |      | 1    |
| Salmonella derby                | 1  |     | 1    | 2    |
| Salmonella diarizonae           |    | 1   |      | 1    |
| Salmonella enterica             | 18 | 19  | 2    | 39   |
| Salmonella enteritidis          | 41 | 64  | 55   | 160  |
| Salmonella enugu                | 1  |     |      | 1    |
| Salmonella give                 |    |     | 1    | 1    |
| Salmonella gold-coast           |    |     | 1    | 1    |
| Salmonella grupo C1             | 9  | 4   |      | 13   |
| Salmonella grupo C2             | 11 | 4   | 2    | 17   |
| Salmonella hadar                |    | 3   | 1    | 4    |
| Salmonella infantis             | 2  | 4   | 5    | 11   |
| Salmonella kedougou             |    |     | 1    | 1    |
| Salmonella kottbus              |    | 1   |      | 1    |
| Salmonella livingstone          |    | 1   |      | 1    |
| Salmonella london               |    | 2   |      | 2    |
| Salmonella mbandaka             |    | 2   | 1    | 3    |
| Salmonella meleagridis          | 1  |     |      | 1    |
| Salmonella mikawasima           |    | 1   | 1    | 2    |
| Salmonella montevideo           |    |     | 1    | 1    |
| Salmonella muenchen             |    | 1   |      | 1    |
| Salmonella muenster             | 1  |     |      | 1    |
| Salmonella newport              |    | 4   | 1    | 5    |
| Salmonella ohio                 |    | 2   |      | 2    |
| Salmonella otra especie         |    |     | 4    | 4    |
| Salmonella paratyphi B          | 1  | 1   | 1    | 3    |
| Salmonella pomona               |    | 1   |      | 1    |

|                                                     |             |             |             |              |
|-----------------------------------------------------|-------------|-------------|-------------|--------------|
| Salmonella poona                                    | 2           | 1           |             | 3            |
| Salmonella rissen                                   |             | 3           |             | 3            |
| Salmonella sp                                       | 3           | 45          | 11          | 59           |
| Salmonella stanley                                  |             |             | 1           | 1            |
| Salmonella thompson                                 |             |             | 1           | 1            |
| Salmonella typhi                                    |             |             | 3           | 3            |
| Salmonella typhimurium                              | 40          | 101         | 73          | 214          |
| Salmonella virchow                                  |             | 4           | 4           | 8            |
| <i>Shigella boydii</i>                              |             | 1           | 1           | 2            |
| <i>Shigella dysenteriae</i>                         |             | 2           |             | 2            |
| <i>Shigella flexneri</i>                            | 4           | 25          | 19          | 48           |
| <i>Shigella sp</i>                                  |             | 1           |             | 1            |
| <i>Shigella sonnei</i>                              | 2           | 12          | 12          | 26           |
| <i>Streptococcus agalactiae</i>                     | 17          | 36          | 16          | 69           |
| <i>Streptococcus pneumoniae</i>                     | 41          | 103         | 55          | 199          |
| <i>Streptococcus pyogenes</i>                       | 11          | 29          | 9           | 49           |
| <i>Taenia saginata</i>                              |             | 3           |             | 3            |
| <i>Treponema pallidum</i>                           | 68          | 175         | 41          | 284          |
| <i>Virus varicela-zoster</i>                        | 20          | 77          | 49          | 146          |
| <i>Vibrio alginolyticus</i>                         |             | 5           |             | 5            |
| <i>Vibrio fluvialis</i>                             |             | 1           |             | 1            |
| <i>Vibrio parahaemolyticus</i>                      | 1           |             |             | 1            |
| <i>Vibrio sp</i>                                    |             | 2           |             | 2            |
| <i>Virus de la fiebre transmitida por garraptas</i> |             | 1           |             | 1            |
| <i>Virus respiratorio sincitial A</i>               |             | 57          | 1           | 58           |
| <i>Virus respiratorio sincitial B</i>               |             | 113         |             | 113          |
| <i>Virus respiratorio sincitial no tipado</i>       | 555         | 1135        | 1092        | 2782         |
| <i>Yersinia enterocolitica</i>                      | 26          | 58          | 45          | 129          |
| <i>Yersinia sp.</i>                                 |             | 1           |             | 1            |
| <b>Total</b>                                        | <b>2550</b> | <b>7974</b> | <b>7127</b> | <b>17652</b> |

Tabla 2: Microorganismos declarados al SIMCAV por laboratorio declarante.

| SIMCAPV 2022                                  |     |         |        |          |                  |
|-----------------------------------------------|-----|---------|--------|----------|------------------|
| Microorganismo                                |     |         |        |          |                  |
|                                               | HUA | Basurto | Cruces | Galdakao | UGC-Lab-Gipuzkoa |
| Adenovirus 40/41                              | 6   |         |        |          | 186              |
| Adenovirus no tipado                          | 44  | 151     | 94     | 43       | 689              |
| <i>Bartonella henselae</i>                    |     | 1       | 4      |          | 0                |
| <i>Bartonella sp</i>                          |     |         |        |          | 2                |
| <i>Bordetella pertussis</i>                   |     |         |        |          | 1                |
| <i>Borrelia burgdorferi</i>                   |     | 1       | 7      |          | 0                |
| <i>Brucella sp</i>                            | 1   |         |        |          | 1                |
| Campylobacter otra especie                    | 1   | 8       | 1      |          | 0                |
| <i>Campylobacter coli</i>                     | 54  | 48      | 66     | 36       | 70               |
| <i>Campylobacter fetus</i>                    | 1   |         | 1      |          | 7                |
| <i>Campylobacter jejuni</i>                   | 375 | 308     | 468    | 263      | 784              |
| <i>Campylobacter lari</i>                     | 1   |         |        | 1        | 1                |
| <i>Campylobacter sp</i>                       | 4   | 158     | 8      | 7        | 2                |
| <i>Chlamydia trachomatis</i>                  | 377 | 747     | 242    |          | 850              |
| <i>Chlamydia trachomatis L1, L2, L3</i>       | 2   | 26      |        |          | 17               |
| <i>Chlamydophila pneumoniae</i>               | 1   |         | 2      |          | 0                |
| <i>Clostridium difficile</i> enterotoxigénico | 94  | 145     | 96     | 51       | 122              |
| <i>Coxiella burnetti</i>                      | 46  | 3       | 18     | 19       | 0                |
| <i>Cryptosporidium sp</i>                     | 27  | 5       | 13     | 7        | 239              |
| <i>Dengue sp</i>                              | 6   | 2       | 6      | 5        | 10               |
| <i>Entamoeba histolytica</i>                  |     | 2       | 1      |          | 5                |
| <i>Enterovirus enterovirus</i>                | 1   | 1       |        |          | 10               |
| enterovirus no tipado                         | 6   | 2       | 44     | 1        | 1                |
| <i>Escherichia coli</i> O157                  |     | 6       | 8      |          | 20               |
| <i>Escherichia coli</i> verotoxigénica        | 2   | 93      | 34     | 5        | 28               |
| <i>Giardia Lamblia</i>                        | 93  | 65      | 39     | 59       | 213              |
| <i>Haemophilus influenzae</i>                 | 6   | 8       | 6      | 2        | 3                |
| Virus de la hepatitis A                       | 2   | 2       | 5      | 1        | 1                |
| Virus de la hepatitis B                       | 5   |         | 3      | 3        | 2                |
| Virus de la hepatitis C                       |     |         | 2      | 4        | 23               |
| Virus de la hepatitis D                       |     | 1       |        |          | 0                |
| Virus de la hepatitis E                       | 1   | 1       |        |          | 1                |
| Herpes simple tipo 1                          | 63  | 27      |        |          | 9                |
| Herpes simple tipo 2                          | 80  | 114     | 77     | 24       | 113              |
| <i>Legionella pneumophila</i>                 | 10  | 16      | 14     |          | 36               |
| <i>Legionella pneumophila</i> sg 1            |     |         | 19     | 6        | 1                |
| <i>Legionella sp</i>                          |     | 1       |        |          | 14               |
| <i>Leishmania sp</i>                          |     |         | 1      |          | 0                |

|                                           |     |     |     |    |      |
|-------------------------------------------|-----|-----|-----|----|------|
| <i>Leptospira sp</i>                      | 2   |     |     |    | 6    |
| <i>Listeria monocytogenes</i>             | 5   | 1   | 9   | 2  | 10   |
| <i>Mycobacterium abscesus</i>             |     |     | 3   |    | 0    |
| <i>Mycobacterium avium</i>                | 1   |     |     |    | 0    |
| <i>Mycobacterium avium complex</i>        | 2   |     | 9   |    | 0    |
| <i>Mycobacterium bovis</i>                | 1   |     |     |    | 0    |
| <i>Mycobacterium chelonae</i>             |     |     |     |    | 3    |
| <i>Mycobacterium chimaera</i>             | 1   |     | 1   |    | 0    |
| <i>Mycobacterium fortuitum</i>            | 1   |     | 16  |    | 0    |
| <i>Mycobacterium intracellulare</i>       | 1   |     | 3   |    | 0    |
| <i>Mycobacterium kumamotonense</i>        |     |     | 1   |    | 0    |
| <i>Mycobacterium lentiflavum</i>          | 9   |     | 2   |    | 0    |
| <i>Mycobacterium leprae</i>               |     |     |     |    | 1    |
| Otras micobacterias                       | 1   |     | 2   |    | 0    |
| <i>Mycobacterium tuberculosis</i>         | 13  | 34  | 22  |    | 42   |
| <i>Mycobacterium tuberculosis complex</i> | 5   | 16  | 24  | 2  | 0    |
| <i>Mycobacterium xenopi</i>               | 1   |     |     |    | 0    |
| <i>Mycoplasma pneumoniae</i>              | 1   |     | 2   |    | 1    |
| <i>Neisseria gonorrhoeae</i>              | 282 | 581 | 155 | 49 | 350  |
| <i>Neisseria meningitidis A</i>           | 1   |     |     |    | 0    |
| <i>Neisseria meningitidis B</i>           |     |     |     |    | 1    |
| <i>Neisseria meningitidis no tipada</i>   | 3   | 1   | 1   | 1  | 1    |
| <i>Neisseria meningitidis Y</i>           |     |     |     |    | 1    |
| Norovirus                                 | 18  | 388 | 103 | 53 | 1027 |
| Parotiditis (Paramyxovirus)               | 1   | 10  | 5   |    | 1    |
| <i>Plasmodium falciparum</i>              | 12  | 13  | 7   | 1  | 6    |
| <i>Plasmodium ovale</i>                   | 2   |     |     |    | 0    |
| <i>Plasmodium sp</i>                      |     | 1   |     |    | 4    |
| <i>Rotavirus sp</i>                       | 119 | 202 | 78  | 92 | 495  |
| <i>Salmonella agona</i>                   | 1   |     |     |    | 1    |
| <i>Salmonella altona</i>                  |     |     |     |    | 1    |
| <i>Salmonella arizonae</i>                | 1   |     |     |    | 2    |
| <i>Salmonella bareilly</i>                |     |     |     |    | 1    |
| <i>Salmonella bovis-morbificans</i>       |     | 3   | 3   |    | 0    |
| <i>Salmonella braenderup</i>              |     | 1   |     |    | 1    |
| <i>Salmonella brandenburg</i>             | 1   | 1   |     |    | 0    |
| <i>Salmonella bredeney</i>                |     |     | 1   |    | 0    |
| <i>Salmonella chester</i>                 |     | 2   | 1   |    | 1    |
| <i>Salmonella coeln</i>                   | 1   | 3   |     |    | 4    |
| <i>Salmonella corvalli</i>                |     | 1   |     |    | 0    |
| <i>Salmonella derby</i>                   | 1   |     |     |    | 1    |
| <i>Salmonella diarizonae</i>              |     | 1   |     |    | 0    |
| <i>Salmonella enterica</i>                | 20  | 3   | 7   | 9  | 0    |

|                          |    |     |    |    |    |
|--------------------------|----|-----|----|----|----|
| Salmonella enteritidis   | 47 | 21  | 23 | 22 | 47 |
| Salmonella enugu         | 1  |     |    |    | 0  |
| Salmonella give          |    |     |    |    | 1  |
| Salmonella gold-coast    |    |     |    |    | 1  |
| Salmonella grupo C1      | 9  | 4   |    |    | 0  |
| Salmonella grupo C2      | 13 | 3   | 1  |    | 0  |
| Salmonella hadar         |    | 1   | 2  |    | 1  |
| Salmonella infantis      | 2  |     | 4  |    | 5  |
| Salmonella kedougou      |    |     |    |    | 1  |
| Salmonella kottbus       |    | 1   |    |    | 0  |
| Salmonella livingstone   |    | 1   |    |    | 0  |
| Salmonella london        |    | 2   |    |    | 0  |
| Salmonella mbandaka      |    | 1   | 1  |    | 1  |
| Salmonella mikawasima    | 1  |     |    |    | 0  |
| Salmonella montevideo    |    |     | 1  |    | 1  |
| Salmonella muenchen      |    |     |    |    | 1  |
| Salmonella muenster      |    |     | 1  |    | 0  |
| Salmonella newport       | 1  |     |    |    | 0  |
| Salmonella ohio          |    | 3   | 1  |    | 1  |
| Salmonella otra especie  |    |     |    |    | 4  |
| Salmonella paratyphi B   | 1  |     | 1  |    | 1  |
| Salmonella pomona        |    | 1   |    |    | 0  |
| Salmonella poona         | 2  |     | 1  |    | 0  |
| Salmonella rissen        |    | 1   | 2  |    | 0  |
| Salmonella sp            | 3  | 20  | 21 | 2  | 11 |
| Salmonella stanley       |    |     |    |    | 1  |
| Salmonella thompson      |    |     |    |    | 1  |
| Salmonella typhi         |    |     |    |    | 3  |
| Salmonella typhimurium   | 48 | 27  | 54 | 22 | 63 |
| Salmonella virchow       |    | 3   | 1  |    | 4  |
| Shigella boydii          |    |     | 1  |    | 1  |
| Shigella dysenteriae     |    | 1   | 1  |    | 0  |
| Shigella flexneri        | 5  | 17  | 6  | 2  | 18 |
| Shigella sp              |    |     | 1  |    | 0  |
| Shigella sonnei          | 2  | 5   | 7  |    | 12 |
| Streptococcus agalactiae | 17 | 10  | 20 | 7  | 15 |
| Streptococcus pneumoniae | 49 | 35  | 50 | 18 | 47 |
| Streptococcus pyogenes   | 11 | 10  | 14 | 5  | 9  |
| Taenia saginata          |    | 1   |    | 2  | 0  |
| Treponema pallidum       | 68 | 133 | 34 | 7  | 40 |
| Virus varicela-zoster    | 21 | 21  | 55 | 1  | 48 |
| Vibrio alginolyticus     |    | 2   | 3  |    | 0  |
| Vibrio fluvialis         |    |     | 1  |    | 0  |

|                                               |             |             |             |            |             |
|-----------------------------------------------|-------------|-------------|-------------|------------|-------------|
| <i>Vibrio parahaemolyticus</i>                | 1           |             |             |            | 0           |
| <i>Vibrio sp</i>                              |             | 2           |             |            | 0           |
| <i>Virus respiratorio sincitial A</i>         |             | 1           | 56          |            | 1           |
| <i>Virus respiratorio sincitial B</i>         |             |             | 113         |            | 0           |
| <i>Virus respiratorio sincitial no tipado</i> | 608         | 557         | 426         | 152        | 1039        |
| <i>Yersinia enterocolitica</i>                | 27          | 29          | 20          | 10         | 42          |
| <i>Yersinia sp</i>                            |             |             |             | 1          | 0           |
| <b>Total</b>                                  | <b>2759</b> | <b>4366</b> | <b>2661</b> | <b>998</b> | <b>6852</b> |