

# The role of community pharmacists in updating the vaccination schedule: a descriptive analysis of vaccination data in the greater Paris Region, 2022-2024

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## Research Article

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**The role of community pharmacists in updating the vaccination schedule: a descriptive analysis of vaccination data in the greater Paris Region, 2022-2024.**

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**ABSTRACT (345 words):**

**Background:** Community pharmacists in France have been authorized to prescribe and administer influenzae vaccines since 2019, and of all vaccines on the immunization schedule for individuals aged 11 years and older in August 2023. A few studies have explored patients' and pharmacists' perceptions of vaccination in community pharmacies, but their contribution to vaccination schedule adherence under routine conditions remains limited in France. The aim of this study was to evaluate the implementation of pharmacy-based vaccination in the greater Paris Region (Île-de-France (IDF) region), France.

**Methods:** We analysed the vaccines (excluding COVID-19 vaccines) prescribed and administered by healthcare professionals in the greater Paris Region (Ile de France, IDF) over a three-year period (2022-2024), using the database of the National Health Data System (Système National des Données de Santé, SNDS).

**Results:** The total number of vaccine doses administered by pharmacists in the IDF Region increased from 896,663 in 2022 to 1,802,705 in 2024 (101% increase), mainly due to influenza vaccination (n= 880,845 in 2022 and n= 1,280,744 in 2024). Among vaccines for which recommendations were updated during the study period, the number of human papillomavirus (HPV) vaccine doses administered in community pharmacies increased from 431 in 2022 to 51,105 in 2024, and 5,089 doses of respiratory syncytial virus vaccine were administered in 2024, compared to none before 2024. In 2024, 67,435 pneumococcal vaccine doses were administered in community pharmacies, of which 2.6% were prescribed by pharmacists. In 2024, 5% of doses (n=27,997/521 961 doses, excluding influenza vaccines) administrated were prescribed by pharmacist. The majority (68%, n= 18,936/27,997) were combined diphtheria-tetanus-poliomyelitis vaccines with reduced-antigen acellular pertussis (dTaP/IPV), while herpes zoster vaccines represented the smallest share (0.1%, n= 41). Of all combined dTaP-IPV vaccines prescribed by pharmacists in 2024 – a year marked by a pertussis epidemic– 95% included the pertussis component.

**Conclusion:** The study evaluates pharmacy-based vaccination activity in the IDF Region, according to prescribing and administration practices. The encouraging rates of prescribing and administration by pharmacists for vaccines with recently updated recommendations highlight pharmacist's frontline role in infection prevention and their responsiveness to new recommendations and epidemic situations.

## INTRODUCTION:

Vaccination is one of the most effective public health interventions, significantly reducing the incidence, severity, and mortality of infectious diseases while contributing to the eradication of smallpox and the elimination of poliomyelitis in many regions [1, 2]<sup>1</sup>. By providing both individual protection and herd immunity, maintaining high vaccination coverage remains a major public health priority.

In recent years, however, vaccination coverage for several recommended vaccines has remained insufficient (47.7% flu vaccination coverage in 2023 among individuals with risk factors for severe influenza; data from Santé Publique France 2024) and has not consistently met the targets set by health authorities. This shortfall creates a risk of resurgence of vaccine-preventable diseases, as illustrated by the resurgence of measles in 2010-2011. Indeed, between 1 January 2008 and 31 December 2023, more than 30,000 cases of measles were reported, with a major outbreak in 2010–2011 (nearly 15,000 cases in 2011) (Santé publique France data). Likewise, a substantial increase in pertussis cases was recorded in France in 2024 (134 639 cases versus six cases in 2023), highlighting persistent vulnerabilities in vaccination coverage within the population [3].

To improve vaccination coverage and facilitate access to vaccination, health authorities have progressively expanded the vaccination competencies of primary care professionals [4, 5]. In this context, community pharmacists occupy a strategic position owing to their accessibility, proximity to the population, and broad geographic distribution across the country. Their role in vaccination has been progressively strengthened over recent years: initially authorized to administer the seasonal influenza vaccine starting from the 2019–2020 campaign, community pharmacists were subsequently heavily involved in COVID-19 vaccination [6]. Their scope was further extended in August 2023 to the prescription and administration of all vaccines included in the national immunization schedule for individuals aged 11 years and older, thereby strengthening their role within the national vaccination strategy [7] (Supplementary figure 1). These activities are reimbursed by the French National Health Insurance system, allowing their identification and traceability within the National Health Data System (SNDS, Système National des Données de Santé). The SNDS is a national medico-administrative database that includes, among other types of information, healthcare reimbursement records.

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<sup>1</sup> World Health Organization. Immunization coverage n.d. <https://www.who.int/news-room/fact-sheets/detail/immunization-coverage>; Santé publique France. Bulletin Vaccination Couverture vaccinale 2025. Saint-Maurice: Edition Nationale; 2025

This expansion of competencies positions community pharmacists as key actors in improving vaccination coverage and updating patients' immunization status. However, while a few studies have explored patient and pharmacist perceptions regarding vaccination in community pharmacies [8–10], real-world quantitative data evaluating the involvement of pharmacists in vaccination activities and their contribution to calendar compliance under routine conditions remain limited in France. Against this background, the aim of this study is to assess, in the greater Paris Region (Île-de-France, IDF region), the implementation of community pharmacists' vaccination competencies by analyzing primary care vaccination data, in order to measure their involvement in vaccination activities and their contribution to improving vaccination coverage in the general population.

## **MATERIALS AND METHODS:**

This retrospective observational study was conducted using primary care data from the SNDS, obtained through a contractual collaboration with the Regional Medical Service Directorate (formerly named “Direction Régionale du Service Médical”, DRSM). The study used health data that were non-identifiable and anonymised at the time of extraction. No nominative or directly identifiable information, nor sensitive data, was included in the dataset used for this study.

The French National Health Insurance system provided a database containing the number of vaccine doses prescribed and administered by different healthcare professionals in the IDF Region. Data were split by department and calendar year for the period 2022–2024. Vaccines were identified using 13-digit presentation identifiers (CIP-13 codes) (Supplementary Table S1 and S2). The data covered all beneficiaries affiliated with the general insurance scheme or local mutual insurance sections, with no age restriction. Only vaccine injections administered in a pharmacy were taken into account, whether the prescription had been issued by either a physician or a pharmacist. The vaccination was to be administered within 6 days of vaccine dispensing. Vaccinations administered during a medical consultation do not have a traceable vaccination procedure code and therefore could not be identified. Data on COVID-19 vaccine were excluded as these data are already collected and analyzed by the French National Health Insurance system.

Vaccines prescribed and administered by pharmacists were identified based on the reimbursement amount associated with the pharmacy act. Specifically, an act reimbursed at €9.60 was classified as a vaccine both prescribed and administered by a pharmacist, whereas an act reimbursed at €7.50 was classified as a vaccine administered by a pharmacist only. This distinction allowed us to differentiate between vaccinations for which pharmacists performed both the prescription and administration and those for which they were responsible solely for administration. Data were structured by year of

dispensing, department of practice within the IDF Region, category of prescribing and administering healthcare professional, distinguishing between community pharmacists (Supplementary Table S1) and other healthcare professionals authorized to prescribe and administer vaccines (Supplementary Table S2).

Analyses focused exclusively on vaccines administered by pharmacists. Statistical analyses were performed using R version 4.3.2® software. Categorical variables were described using absolute numbers and percentages.

Regarding the relative change in the number of vaccine doses administered in community pharmacies in IDF Region in 2024 compared with 2023, by vaccine type and department, only vaccines for which more than 1,000 doses were administered in community pharmacies in 2024 were included in the analysis.

**RESULTS:**

*Community pharmacist's uptake of vaccine administration.* In the IDF Region, between 2022 and 2024, the total number of vaccine doses administered in community pharmacies increased from 896,663 to 1,802,705 doses. This rise was primarily driven by influenza vaccination, which accounted for most administrations throughout the study period, with 880,845 doses in 2022 (98.2%), 1,105,023 in 2023 (84.8%), and 1,280,744 in 2024 (71.0%) (Table 1).

| Number of vaccine doses administered by pharmacists in the greater Paris region |                |                 |                 |
|---------------------------------------------------------------------------------|----------------|-----------------|-----------------|
|                                                                                 | 2022           | 2023            | 2024            |
| Influenza                                                                       | 880845 (98.2%) | 1105023 (84.8%) | 1280744 (71.0%) |
| dTaP/IPV                                                                        | 8251 (0.9%)    | 103705 (8.0%)   | 302395 (16.8%)  |
| Pneumococcal                                                                    | 3920 (0.4%)    | 31925 (2.4%)    | 67337 (3.7%)    |
| HPV                                                                             | 431 (0.0%)     | 14383 (1.1%)    | 51105 (2.8%)    |
| B Hepatitis                                                                     | 701 (0.1%)     | 16834 (1.3%)    | 41369 (2.3%)    |
| Td/IPV                                                                          | 1694 (0.2%)    | 18814 (1.4%)    | 18556 (1.0%)    |
| ACYW meningococcal                                                              | 111 (0.0%)     | 2044 (0.2%)     | 7046 (0.4%)     |
| RSV                                                                             | 0 (0.0%)       | 0 (0.0%)        | 5089 (0.3%)     |
| RZV                                                                             | 98 (0.0%)      | 355 (0.0%)      | 924 (0.1%)      |

| Number of vaccine doses administered by pharmacists in the greater Paris region |            |              |              |
|---------------------------------------------------------------------------------|------------|--------------|--------------|
|                                                                                 | 2022       | 2023         | 2024         |
| Other                                                                           | 612 (0.1%) | 10180 (0.8%) | 28140 (1.6%) |

**Table 1.** Number of vaccine doses administered by pharmacists in greater Paris region by type of vaccine, 2022-2024, all prescribers. (dTaP/IPV : diphtheria, tetanus, acellular pertussis, poliomyelitis; HPV: human papilloma virus; RZV: Recombinant Zoster Vaccine; RSV: respiratory syncytial virus; Td/IPV: diphtheria, tetanus, poliomyelitis)

*Community pharmacist's uptake of vaccine prescription.* No vaccination prescribed and administered by pharmacists were reported in 2022 or 2023, other than influenza vaccination (Supplementary Table S3). In 2024, 27,997 doses were prescribed and administered by pharmacists, representing 5% of all vaccines administered by pharmacists (Figure 1). Among these, most of these prescriptions involved combined reduced-antigen diphtheria–tetanus–poliomyelitis–acellular pertussis (dTaP/IPV) vaccines (68%, n = 18,936), while the herpes zoster vaccine (RZV) was marginally represented (0.1%, n = 41) (Figure 2).

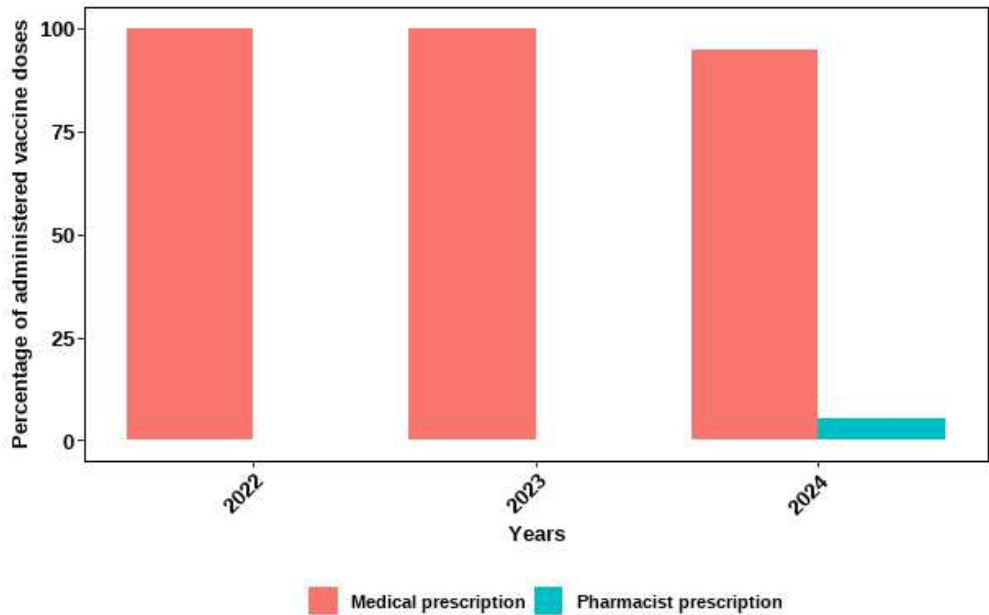


**Figure 1:** Percentage of vaccines administered in pharmacies by prescriber (non-pharmacist health professionals vs. dispensing pharmacists) in greater Paris Region, 2022-2024.

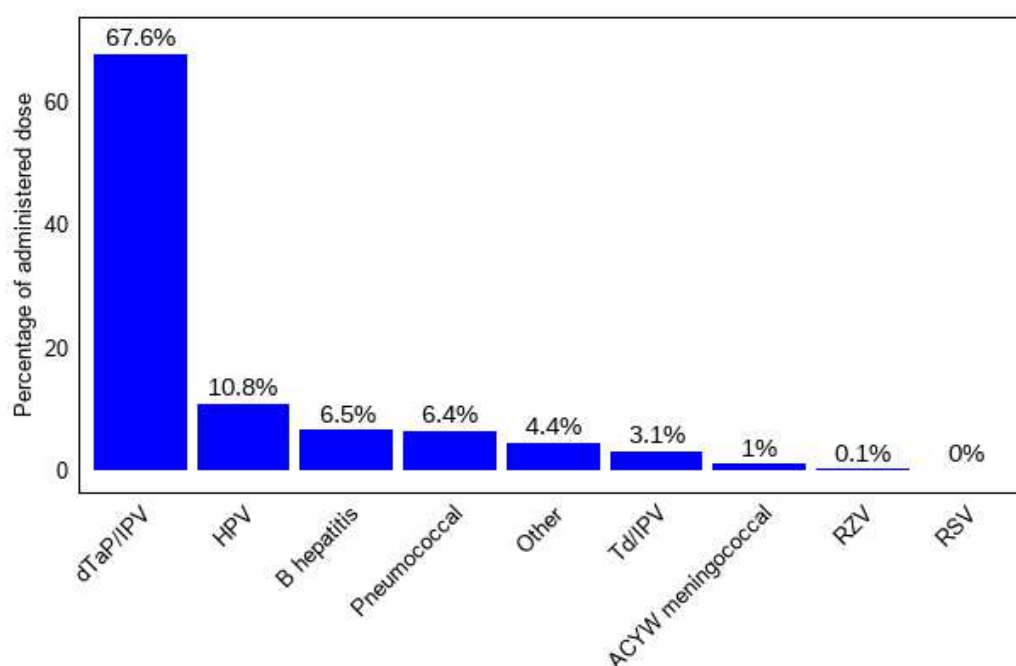


**Figure 2:** Breakdown by type of vaccine of doses prescribed by dispensing pharmacists in greater Paris Region (2024). (dTaP/IPV : diphtheria, tetanus, acellular pertussis, poliomyelitis; HPV: human papilloma virus; RZV: Recombinant Zoster Vaccine; RSV: respiratory syncytial virus; Td/IPV: diphtheria, tetanus, poliomyelitis)

In 2024, a total of 67,435 doses of pneumococcal vaccines were administered by pharmacist's, of which 2.6% were prescribed by pharmacists; among these pharmacist-prescribed doses, 68% were 20-valent pneumococcal conjugate vaccines, 19% were 23-valent polysaccharide vaccines, and 12% were 13-valent pneumococcal conjugate vaccines (Figure 3).

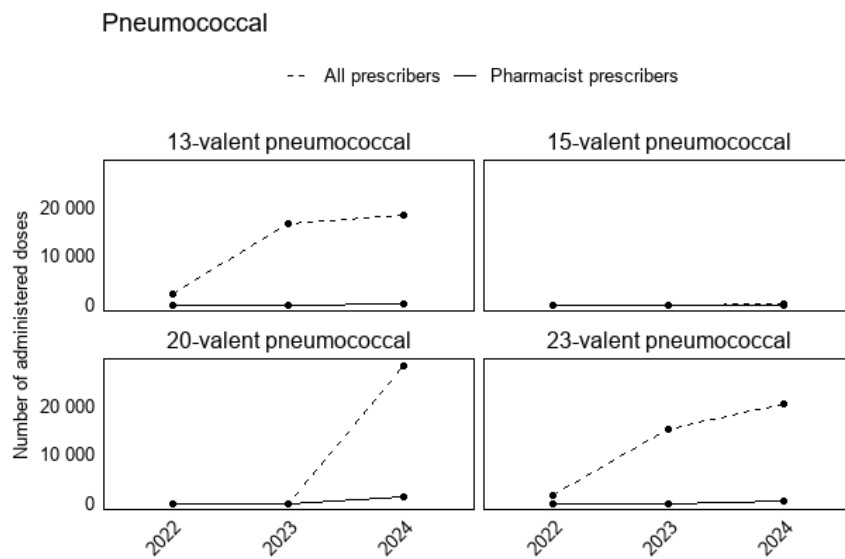


**Figure 3:** Evolution of the number of doses administered for the different pneumococcal vaccines (13-valent, 15-valent, 20-valent and 23-valent) in greater Paris Region between 2022 and 2024, by type of prescriber (all prescribers vs. dispensing pharmacists).

Pharmacy-based administration of pertussis-containing vaccines increased markedly in 2024, with approximately 200,000 additional doses administered compared with 2023. During the pertussis epidemic, 19,842 combined diphtheria–tetanus–poliomyelitis vaccines were prescribed by pharmacists, 95% of which included a pertussis component (Figure 4).

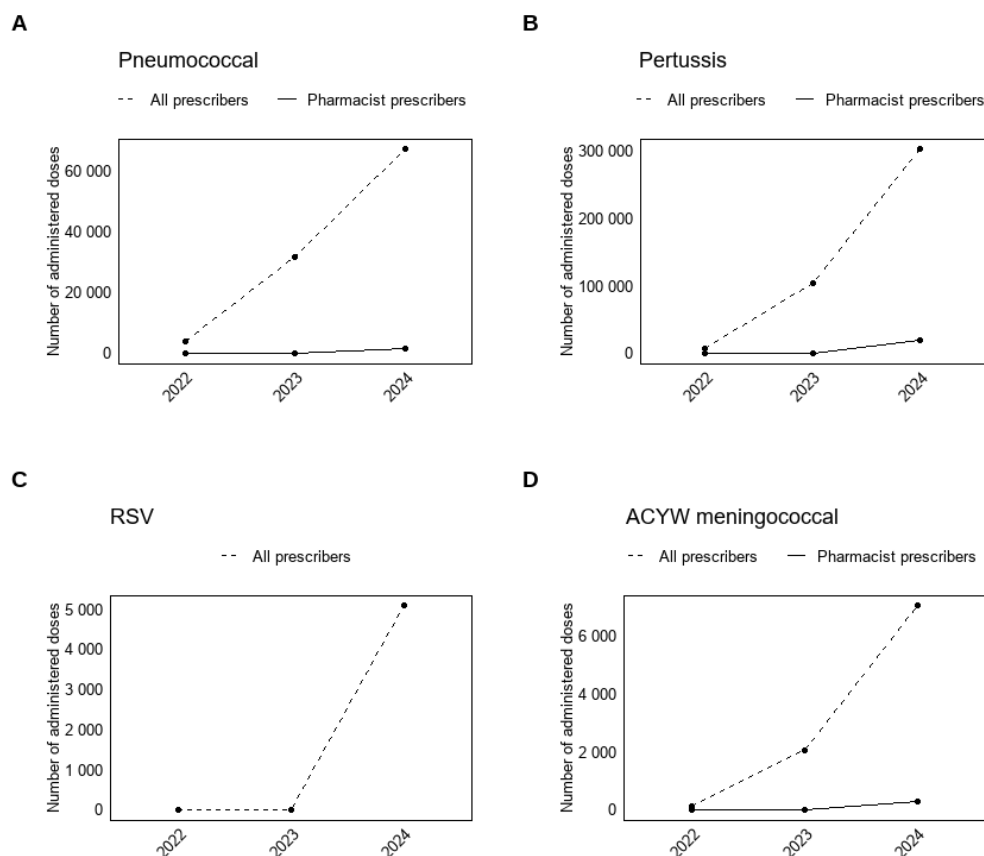


**Figure 4:** Evolution of the number of doses administered for the pneumococcus, pertussis, RSV and meningococcal ACYW vaccines in greater Paris Region between 2022 and 2024, by type of prescriber (all prescribers vs. dispensing pharmacists). (RSV: respiratory syncytial virus)

For respiratory syncytial virus (RSV), 5,089 doses were administered in community pharmacies in 2024, although none were prescribed by pharmacists (Figure 2 and 4).

Meningococcal ACYW vaccine administration also increased substantially, rising from 110 doses in 2022 to 2,029 in 2023 and 7,030 in 2024 (Figure 4); in 2024, pharmacists prescribed 4% of these doses. Human papillomavirus (HPV) vaccination showed the largest increase over the study period, with the number of doses administered in community pharmacies increasing from 430 in 2022 to 51,071 in 2024, while HPV vaccines accounted for approximately 10% of pharmacist-prescribed vaccines. Between 2023 and 2024, HPV vaccine administration increased across all departments, with a more pronounced increase in the outer suburban ring and in Seine-Saint-Denis (93), whereas volumes in Paris (75) remained relatively stable (Figure 5). In 2024, Paris accounted for 23% of all HPV vaccine doses administered ( $n = 12,023$ ), compared with 7% in Seine-Saint-Denis ( $n = 3,795$ ).

Finally, the number of recombinant zoster vaccine (RZV) doses administered in community pharmacies increased from 98 in 2022 to 924 in 2024 (Figure 4). This increase occurred in the context of evolving vaccination recommendations in France, as, since February 2024, the French High Authority for Health

has recommended vaccination against herpes zoster for immunocompetent adults aged 65 years and older. Importantly, reimbursement has not yet been validated for patients in the community.

*Departmental analysis.* Between 2023 and 2024, an increase in pharmacy-based vaccination activity was observed across all IDF departments. The dTaP/IPV and pneumococcal vaccines showed a modest, homogeneous increase across departments (Figure 5).

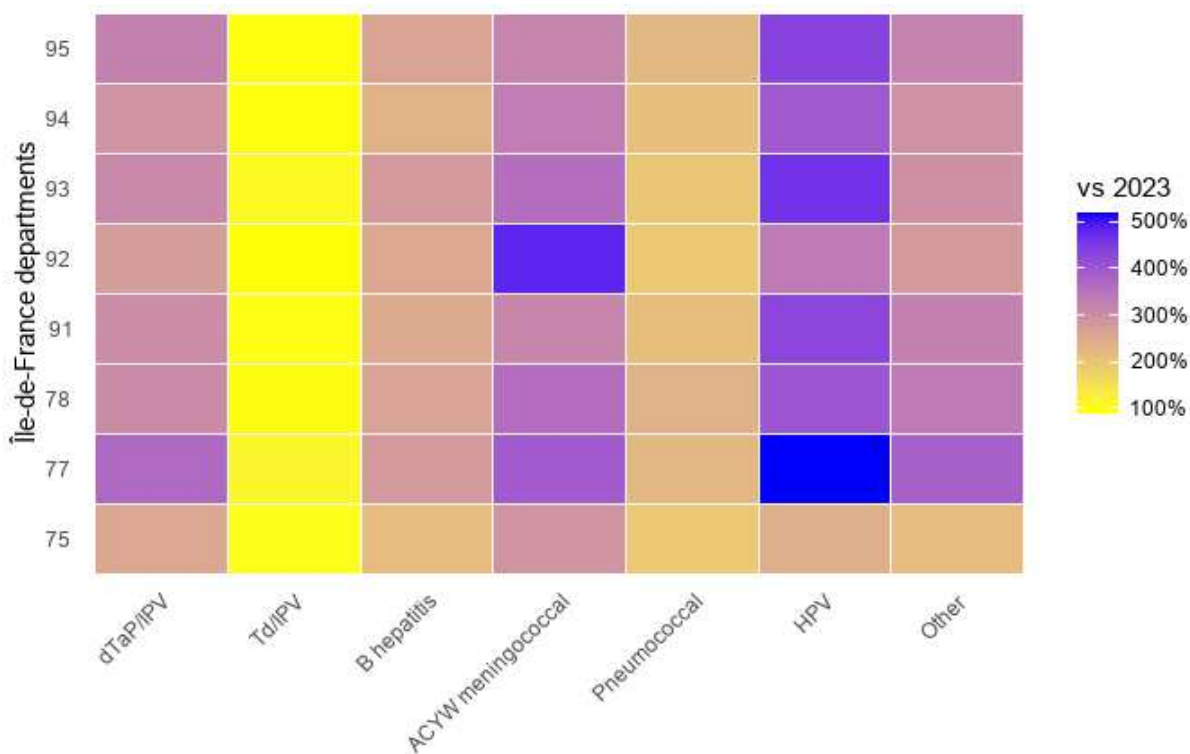


**Figure 5:** Relative change (%) in the number of vaccine doses administered in pharmacies in greater Paris Region departments in 2024 compared to 2023, by type of vaccine and department. Colors represent this relative variation, with darker hues indicating a larger increase. (dTaP/IPV : diphtheria, tetanus, acellular pertussis, poliomyelitis; HPV: human papilloma virus; RZV: Recombinant Zoster Vaccine; RSV: respiratory syncytial virus; Td/IPV: diphtheria, tetanus, poliomyelitis)

## DISCUSSION:

To our knowledge, this study is the first to evaluate vaccine administration by community pharmacists across the greater Paris Region. Our findings illustrate the rapid expansion of pharmacy-based vaccination following successive changes in the French legislative framework, while also highlighting the time required for pharmacists to fully implement their new prescribing responsibilities. Between 2022 and 2024, vaccination activity in community pharmacies increased substantially across the

region, reflecting the progressive integration of vaccination into routine pharmacy practice. Influenza vaccination, which accounted for the largest volume of administered doses, appears to illustrate the maturation of this model [11, 12].

Beyond influenza vaccination, the marked increase in the administration of other vaccines demonstrates that community pharmacists have progressively adopted their expanded role in preventive care. This trend was particularly apparent in the context of changing epidemiological situations and public health priorities. The substantial increase in pertussis vaccination in 2024, for example, coincided with a major epidemic resurgence and intensified public health messaging, illustrating the capacity of community pharmacies to rapidly contribute to vaccination efforts during periods of increased epidemiological pressure [13]. Similarly, increases in meningococcal and HPV vaccination occurred in a context of renewed national attention to vaccination coverage and prevention strategies [14]. HPV vaccination showed the largest increase over the study period, while increases in pharmacy-based vaccination were observed across all IDF departments, suggesting that this activity has progressively expanded throughout the regional territory.

However, the results also suggest that the development of pharmacists' prescribing activity has been slower than the adoption of vaccine administration itself. While pharmacists have clearly incorporated vaccine administration into their professional practice, pharmacist prescriptions represented only a limited proportion of administered non-influenza vaccines. This distinction is important: the findings indicate a rapid uptake of the new mission of vaccine administration, whereas the implementation of vaccine prescribing appears to require additional time. Several factors may contribute to this slower development, including the recent introduction of the regulatory framework, the persistence of established prescribing pathways involving physicians or specialists, and differences in vaccine recommendations, eligibility criteria, and reimbursement arrangements [15]. The relatively low activity observed for recently introduced vaccines, such as RSV and recombinant zoster vaccine (RZV), further illustrates how regulatory and financial conditions may influence the implementation of vaccination strategies in community pharmacies. In particular, changes in recommendations and reimbursement policies during the study period may have limited access to these vaccines and therefore reduced opportunities for both administration and pharmacist prescribing.

Overall, these findings are consistent with the progressive transformation of the community pharmacist's role in preventive healthcare. The experience of the COVID-19 pandemic had already demonstrated the ability of pharmacists to rapidly integrate new public health responsibilities and to contribute to large-scale vaccination programs [11, 16, 17]. The present results suggest that this capacity for adaptation extends beyond emergency situations and is now contributing to the routine

251 delivery of preventive interventions. Nevertheless, the distinction between vaccine administration and  
252 vaccine prescribing should be acknowledged. Although pharmacists have rapidly adopted vaccination  
253 as a new professional activity, their role as independent prescribers may require further training,  
254 professional confidence, and integration into existing patient care pathways to become more fully  
255 established.

256 The main strength of this study lies in its use of valuable and previously unpublished field data,  
257 providing an objective description of the implementation of newly expanded pharmacy-based  
258 vaccination services in relation to changes in the regulatory framework. These real-world data help  
259 bridge the gap between vaccination recommendations and their practical implementation and provide  
260 insight into how new public health policies are translated into routine healthcare practice. Such  
261 information may be useful for identifying barriers and facilitators to vaccination, supporting the  
262 optimization of vaccination strategies, and informing future communication and implementation  
263 policies.

264 This study also has several limitations. We did not have access to individual demographic data,  
265 information on patients' eligibility for vaccination, or data regarding vaccination promotion initiatives  
266 undertaken by healthcare professionals. Consequently, we were unable to assess vaccination coverage  
267 in relation to the size of the eligible population or to determine whether differences observed between  
268 departments reflected differences in population characteristics, healthcare organization, local  
269 vaccination initiatives, or access to care. The descriptive nature of the available data also prevents us  
270 from establishing causal relationships between regulatory changes, epidemiological events,  
271 reimbursement policies, and observed changes in vaccination activity. Nevertheless, these findings  
272 provide an important first regional overview of the implementation of pharmacy-based vaccination  
273 and highlight both the rapid adoption of vaccine administration by community pharmacists and the  
274 more gradual development of their prescribing role.

## 276 **Conclusion :**

277 Maintaining high vaccination coverage is a major public health priority, and community pharmacists  
278 can significantly improve access to vaccination. This study shows sustained growth in pharmacy-based  
279 vaccination in the IDF region and pharmacists' ability to assume expanded responsibilities. Their  
280 integration into vaccination strategies should therefore be further strengthened. Improvement efforts  
281 should target less frequently prescribed vaccines, including RSV, HPV, and RZV, through training,  
282 professional support, and public awareness. Further studies should assess pharmacists' long-term  
283 impact on vaccination coverage and their contribution to the national vaccination strategy.

284

285

286 **Declarations:**

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289 Ethics approval and consent to participate: not applicable - Given the fully anonymised nature of the  
290 data and the absence of identifiable or sensitive information, the study did not require submission to,  
291 or approval by, a local ethics committee or Institutional Review Board.

292 Consent for publication: not applicable

293 Data availability : the raw data are available on demand

294 Funding: none

295 Competing interests: none

296 Clinical trial number: not applicable

297 Authors contribution: SC, CAH conception of the project, drafting the manuscript. SC, CAH, NC, IS,  
298 LBLN, AL, LD, NPS writing. RB, NC, LF, SC, CAH conducted data analysis. All authors reviewed the final  
299 version of the manuscript.

300

301

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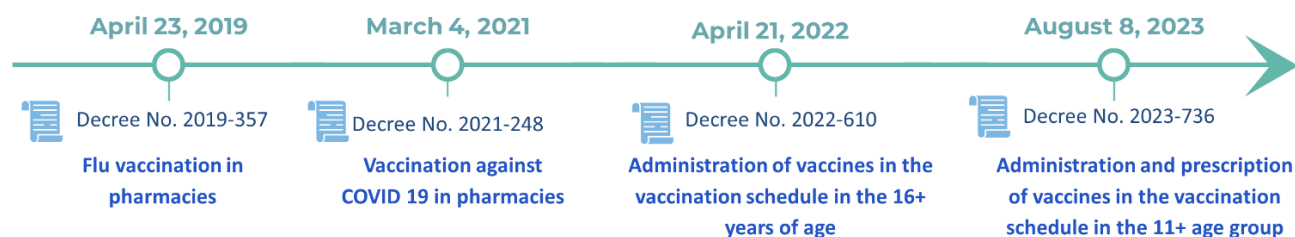
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**Supplementary files:**

**Supplementary figure S1** : Timeline of decrees governing the vaccination duties of community pharmacists



**Supplementary Table S1** – Table of vaccine doses administered and prescribed by pharmacists by CIP13 code and by department in the Ile de France region

| Department | CIP13         | Vaccine (trade name)                   | Year  |       |        |
|------------|---------------|----------------------------------------|-------|-------|--------|
|            |               |                                        | 2022  | 2023  | 2024   |
| 75         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0     | 0     | 3      |
| 75         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0     | 0     | 27     |
| 75         | 3400926863036 | BEXSERO SUSP INJ 1                     | 0     | 0     | 12     |
| 75         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0     | 0     | 2      |
| 75         | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 19    | 10    | 5      |
| 75         | 3400927442650 | FLUARIXTETRA SUSP INJ SER 1            | 0     | 1     | 0      |
| 75         | 3400928099761 | VAXIGRIPTETRA HS SUSP INJ DOSE 1       | 4     | 0     | 6      |
| 75         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 8964  | 15672 | 26692  |
| 75         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0     | 0     | 106    |
| 75         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0     | 0     | 623    |
| 75         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 87504 | 76613 | 132338 |
| 75         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 22    | 9     | 7      |
| 75         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 65969 | 73430 | 108688 |
| 75         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0     | 0     | 22     |
| 75         | 3400930205372 | EFLUELDA SUSP INJ SER SS AIG 1         | 4     | 4     | 0      |
| 75         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 23196 | 63002 | 827    |
| 75         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0     | 0     | 7      |
| 75         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0     | 0     | 375    |
| 75         | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 9     | 21    | 20     |
| 75         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 0     | 0     | 4      |
| 75         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 37    | 14    | 3      |
| 75         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0     | 0     | 142    |
| 75         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0     | 0     | 53     |
| 75         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0     | 0     | 4      |
| 75         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 0     | 0     | 1      |
| 75         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0     | 0     | 54     |
| 75         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 0     | 0     | 511    |
| 75         | 3400935167095 | ENGRIX B 10 ENF ET NR SUSP INJ 1       | 0     | 0     | 6      |
| 75         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 0     | 0     | 7      |
| 75         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 0     | 0     | 3      |
| 75         | 3400935964243 | REPEVAX SUSP INJ SER SA 1              | 0     | 0     | 1      |

| Department | CIP13         | Vaccine (trade name)                   | Year  |       |       |
|------------|---------------|----------------------------------------|-------|-------|-------|
|            |               |                                        | 2022  | 2023  | 2024  |
| 75         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0     | 0     | 11    |
| 75         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 0     | 0     | 9     |
| 75         | 3400936773875 | BOOSTRIX TETRA SUSP INJ 1              | 0     | 0     | 626   |
| 75         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 0     | 4713  |
| 75         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 0     | 0     | 4     |
| 75         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 0     | 0     | 1     |
| 75         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 0     | 67    |
| 75         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 0     | 215   |
| 75         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 0     | 0     | 2     |
| 75         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 0     | 11    |
| 75         | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1      | 0     | 0     | 1     |
| 75         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 0     | 0     | 9     |
| 75         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 0     | 0     | 1     |
| 75         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 0     | 0     | 24    |
| 75         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 0     | 0     | 82    |
| 77         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0     | 0     | 4     |
| 77         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0     | 0     | 10    |
| 77         | 3400926863036 | BEXSERO SUSP INJ 1                     | 0     | 0     | 1     |
| 77         | 3400927442650 | FLUARIX TETRA SUSP INJ SER 1           | 0     | 0     | 5     |
| 77         | 3400930029220 | FLUARIX TETRA SUSP INJ SER VACCIN 1    | 4788  | 8918  | 14686 |
| 77         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0     | 0     | 20    |
| 77         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0     | 0     | 359   |
| 77         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 41634 | 39713 | 60595 |
| 77         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 5     | 2     | 1     |
| 77         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 36229 | 47198 | 60650 |
| 77         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0     | 0     | 3     |
| 77         | 3400930205372 | EFLUELDA SUSP INJ SER SS AIG 1         | 0     | 1     | 0     |
| 77         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 8371  | 22557 | 134   |
| 77         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0     | 0     | 3     |
| 77         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0     | 0     | 122   |
| 77         | 3400932129904 | VAXIGRIIP SUSP INJ 1                   | 4     | 0     | 0     |
| 77         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 3     | 1     | 0     |
| 77         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0     | 0     | 19    |
| 77         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0     | 0     | 5     |
| 77         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0     | 0     | 22    |
| 77         | 3400935166906 | ENGERIX B 20 AD SUSP INJ 1             | 0     | 0     | 223   |
| 77         | 3400935167095 | ENGERIX B 10 ENF ET NR SUSP INJ 1      | 0     | 0     | 2     |
| 77         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0     | 0     | 4     |
| 77         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 0     | 0     | 4     |
| 77         | 3400936773875 | BOOSTRIX TETRA SUSP INJ 1              | 0     | 0     | 283   |
| 77         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 0     | 1597  |
| 77         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 0     | 69    |
| 77         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 0     | 126   |
| 77         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 0     | 1     |

| Department | CIP13         | Vaccine (trade name)                   | Year  |       |       |
|------------|---------------|----------------------------------------|-------|-------|-------|
|            |               |                                        | 2022  | 2023  | 2024  |
| 77         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 0     | 0     | 6     |
| 77         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 0     | 0     | 7     |
| 77         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 0     | 0     | 11    |
| 78         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0     | 0     | 12    |
| 78         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0     | 0     | 34    |
| 78         | 3400926863036 | BEXSERO SUSP INJ 1                     | 0     | 0     | 9     |
| 78         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0     | 0     | 1     |
| 78         | 3400930029190 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 0     | 0     | 2     |
| 78         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 9111  | 14344 | 25392 |
| 78         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0     | 0     | 27    |
| 78         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0     | 0     | 366   |
| 78         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 50447 | 46270 | 75606 |
| 78         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 5     | 28    | 102   |
| 78         | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0     | 0     | 1     |
| 78         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 0     | 0     | 4     |
| 78         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 39954 | 46676 | 64602 |
| 78         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 11625 | 36081 | 185   |
| 78         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0     | 0     | 2     |
| 78         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0     | 0     | 1     |
| 78         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0     | 0     | 92    |
| 78         | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 2     | 0     | 2     |
| 78         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 7     | 12    | 0     |
| 78         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0     | 0     | 26    |
| 78         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0     | 0     | 3     |
| 78         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0     | 0     | 1     |
| 78         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0     | 0     | 12    |
| 78         | 3400935166906 | ENGERIX B 20 AD SUSP INJ 1             | 0     | 0     | 174   |
| 78         | 3400935167095 | ENGERIX B 10 ENF ET NR SUSP INJ 1      | 0     | 0     | 1     |
| 78         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 0     | 0     | 2     |
| 78         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0     | 0     | 2     |
| 78         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 0     | 0     | 1     |
| 78         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 0     | 0     | 162   |
| 78         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 0     | 1680  |
| 78         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 0     | 0     | 2     |
| 78         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 0     | 48    |
| 78         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 0     | 102   |
| 78         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 0     | 4     |
| 78         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 0     | 0     | 1     |
| 78         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0     | 0     | 1     |
| 78         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 0     | 0     | 7     |
| 78         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 0     | 0     | 16    |
| 91         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0     | 0     | 1     |
| 91         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0     | 0     | 14    |
| 91         | 3400926863036 | BEXSERO SUSP INJ 1                     | 0     | 0     | 6     |

| Department | CIP13         | Vaccine (trade name)                   | Year  |       |       |
|------------|---------------|----------------------------------------|-------|-------|-------|
|            |               |                                        | 2022  | 2023  | 2024  |
| 91         | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 0     | 0     | 13    |
| 91         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 7527  | 14729 | 19999 |
| 91         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0     | 0     | 22    |
| 91         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0     | 0     | 385   |
| 91         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 47465 | 42463 | 72029 |
| 91         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 4     | 0     | 4     |
| 91         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 22891 | 26138 | 38633 |
| 91         | 3400930205372 | EFLUELDA SUSP INJ SER SS AIG 1         | 0     | 11    | 0     |
| 91         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 10458 | 31768 | 160   |
| 91         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0     | 0     | 2     |
| 91         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0     | 0     | 81    |
| 91         | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 4     | 8     | 0     |
| 91         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 7     | 2     | 0     |
| 91         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0     | 0     | 15    |
| 91         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0     | 0     | 1     |
| 91         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0     | 0     | 4     |
| 91         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 0     | 0     | 1     |
| 91         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0     | 0     | 13    |
| 91         | 3400935166906 | ENGERIX B 20 AD SUSP INJ 1             | 0     | 0     | 150   |
| 91         | 3400935167095 | ENGERIX B 10 ENF ET NR SUSP INJ 1      | 0     | 0     | 3     |
| 91         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 0     | 0     | 1     |
| 91         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 0     | 0     | 2     |
| 91         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 0     | 0     | 289   |
| 91         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 0     | 1291  |
| 91         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 0     | 0     | 8     |
| 91         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 0     | 36    |
| 91         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 0     | 64    |
| 91         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 0     | 4     |
| 91         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0     | 0     | 2     |
| 91         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 0     | 0     | 16    |
| 92         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0     | 0     | 5     |
| 92         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0     | 0     | 39    |
| 92         | 3400926863036 | BEXSERO SUSP INJ 1                     | 0     | 0     | 2     |
| 92         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0     | 0     | 1     |
| 92         | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 0     | 1     | 0     |
| 92         | 3400928099761 | VAXIGRIPTETRA HS SUSP INJ DOSE 1       | 0     | 0     | 4     |
| 92         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 6588  | 7853  | 12529 |
| 92         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0     | 0     | 43    |
| 92         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0     | 0     | 437   |
| 92         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 54269 | 48292 | 84008 |
| 92         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 16    | 2     | 16    |
| 92         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 42513 | 51456 | 76528 |
| 92         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0     | 0     | 6     |
| 92         | 3400930205372 | EFLUELDA SUSP INJ SER SS AIG 1         | 0     | 7     | 0     |

| Department | CIP13         | Vaccine (trade name)                   | Year  |       |       |
|------------|---------------|----------------------------------------|-------|-------|-------|
|            |               |                                        | 2022  | 2023  | 2024  |
| 92         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 14459 | 40079 | 334   |
| 92         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0     | 0     | 12    |
| 92         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0     | 0     | 7     |
| 92         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0     | 0     | 147   |
| 92         | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 5     | 0     | 6     |
| 92         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 19    | 4     | 0     |
| 92         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0     | 0     | 70    |
| 92         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0     | 0     | 19    |
| 92         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0     | 0     | 5     |
| 92         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 0     | 0     | 1     |
| 92         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0     | 0     | 24    |
| 92         | 3400935166906 | ENGERIX B 20 AD SUSP INJ 1             | 0     | 0     | 201   |
| 92         | 3400935167095 | ENGERIX B 10 ENF ET NR SUSP INJ 1      | 0     | 0     | 3     |
| 92         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0     | 0     | 1     |
| 92         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0     | 0     | 8     |
| 92         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 0     | 0     | 1     |
| 92         | 3400936773875 | BOOSTRIXETRA SUSP INJ 1                | 0     | 0     | 473   |
| 92         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 0     | 2343  |
| 92         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 0     | 0     | 2     |
| 92         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 0     | 0     | 1     |
| 92         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 0     | 55    |
| 92         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 0     | 107   |
| 92         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 0     | 4     |
| 92         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 0     | 0     | 1     |
| 92         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0     | 0     | 2     |
| 92         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 0     | 0     | 7     |
| 92         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 0     | 0     | 30    |
| 93         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0     | 0     | 4     |
| 93         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0     | 0     | 19    |
| 93         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0     | 0     | 1     |
| 93         | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 1     | 1     | 1     |
| 93         | 3400927442650 | FLUARIXTETRA SUSP INJ SER 1            | 1     | 2     | 6     |
| 93         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 3431  | 10040 | 16003 |
| 93         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0     | 0     | 29    |
| 93         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0     | 0     | 230   |
| 93         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 41703 | 32555 | 51105 |
| 93         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 10    | 1     | 4     |
| 93         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 31892 | 36329 | 46479 |
| 93         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0     | 0     | 3     |
| 93         | 3400930205372 | EFLUELDA SUSP INJ SER SS AIG 1         | 0     | 2     | 0     |
| 93         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 9207  | 24532 | 283   |
| 93         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0     | 0     | 2     |
| 93         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0     | 0     | 115   |
| 93         | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 13    | 8     | 4     |

| Department | CIP13         | Vaccine (trade name)                   | Year  |       |       |
|------------|---------------|----------------------------------------|-------|-------|-------|
|            |               |                                        | 2022  | 2023  | 2024  |
| 93         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 44    | 17    | 2     |
| 93         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0     | 0     | 7     |
| 93         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0     | 0     | 5     |
| 93         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0     | 0     | 8     |
| 93         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 0     | 0     | 186   |
| 93         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 0     | 0     | 2     |
| 93         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0     | 0     | 1     |
| 93         | 3400936773875 | BOOSTRIX TETRA SUSP INJ 1              | 0     | 0     | 255   |
| 93         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 0     | 1189  |
| 93         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 0     | 0     | 3     |
| 93         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 0     | 41    |
| 93         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 0     | 91    |
| 93         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 0     | 2     |
| 93         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 0     | 0     | 1     |
| 93         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 0     | 0     | 3     |
| 93         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 0     | 0     | 32    |
| 94         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0     | 0     | 1     |
| 94         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0     | 0     | 19    |
| 94         | 3400926863036 | BEXSERO SUSP INJ 1                     | 0     | 0     | 5     |
| 94         | 3400927442599 | FLUARIX TETRA SUSP INJ SER VACCI 1     | 1     | 1     | 0     |
| 94         | 3400927442650 | FLUARIX TETRA SUSP INJ SER 1           | 0     | 2     | 2     |
| 94         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0     | 0     | 1     |
| 94         | 3400930029220 | FLUARIX TETRA SUSP INJ SER VACCIN 1    | 5035  | 13546 | 18059 |
| 94         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0     | 0     | 48    |
| 94         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0     | 0     | 312   |
| 94         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 45295 | 41332 | 64967 |
| 94         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 136   | 9     | 0     |
| 94         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 36705 | 38550 | 53499 |
| 94         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0     | 0     | 7     |
| 94         | 3400930205372 | EFLUELDA SUSP INJ SER SS AIG 1         | 0     | 1     | 0     |
| 94         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 8333  | 26067 | 310   |
| 94         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0     | 0     | 5     |
| 94         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0     | 0     | 142   |
| 94         | 3400932129904 | VAXIGRIIP SUSP INJ 1                   | 6     | 1     | 10    |
| 94         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 8     | 13    | 1     |
| 94         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0     | 0     | 40    |
| 94         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0     | 0     | 3     |
| 94         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0     | 0     | 1     |
| 94         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0     | 0     | 10    |
| 94         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 0     | 0     | 179   |
| 94         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 0     | 0     | 3     |
| 94         | 3400935524737 | INFANRIX QUINTA PDR INJ SER 1          | 0     | 0     | 1     |
| 94         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0     | 0     | 2     |
| 94         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0     | 0     | 3     |

| Department | CIP13         | Vaccine (trade name)                   | Year  |       |       |
|------------|---------------|----------------------------------------|-------|-------|-------|
|            |               |                                        | 2022  | 2023  | 2024  |
| 94         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 0     | 0     | 3     |
| 94         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 0     | 0     | 466   |
| 94         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 0     | 1667  |
| 94         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 0     | 0     | 1     |
| 94         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 0     | 53    |
| 94         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 0     | 73    |
| 94         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 0     | 4     |
| 94         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0     | 0     | 2     |
| 94         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 0     | 0     | 4     |
| 94         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 0     | 0     | 17    |
| 95         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0     | 0     | 4     |
| 95         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0     | 0     | 26    |
| 95         | 3400926863036 | BEXSERO SUSP INJ 1                     | 0     | 0     | 4     |
| 95         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0     | 0     | 1     |
| 95         | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 0     | 3     | 2     |
| 95         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 3481  | 5875  | 7977  |
| 95         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0     | 0     | 45    |
| 95         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0     | 0     | 323   |
| 95         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 29587 | 24431 | 47388 |
| 95         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 2     | 0     | 0     |
| 95         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 33389 | 39812 | 50633 |
| 95         | 3400930205372 | EFLUELDA SUSP INJ SER SS AIG 1         | 2     | 1     | 0     |
| 95         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 9478  | 24999 | 227   |
| 95         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0     | 0     | 6     |
| 95         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0     | 0     | 138   |
| 95         | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 1     | 6     | 3     |
| 95         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 4     | 3     | 0     |
| 95         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0     | 0     | 16    |
| 95         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0     | 0     | 10    |
| 95         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0     | 0     | 12    |
| 95         | 3400935166906 | ENGERIX B 20 AD SUSP INJ 1             | 0     | 0     | 156   |
| 95         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 0     | 0     | 4     |
| 95         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0     | 0     | 5     |
| 95         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 0     | 0     | 1     |
| 95         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 0     | 0     | 199   |
| 95         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 0     | 1670  |
| 95         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 0     | 0     | 12    |
| 95         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 0     | 51    |
| 95         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 0     | 88    |
| 95         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 0     | 0     | 1     |
| 95         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 0     | 2     |
| 95         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 0     | 0     | 1     |
| 95         | 3400939020228 | ROTARIX SUSP BUV 1                     | 0     | 0     | 1     |
| 95         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 0     | 0     | 18    |

| Department | CIP13         | Vaccine (trade name)                   | Year   |        |        |
|------------|---------------|----------------------------------------|--------|--------|--------|
|            |               |                                        | 2022   | 2023   | 2024   |
| IDF        | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 0      | 0      | 34     |
| IDF        | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 0      | 0      | 188    |
| IDF        | 3400926863036 | BEXSERO SUSP INJ 1                     | 0      | 0      | 39     |
| IDF        | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0      | 0      | 6      |
| IDF        | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 21     | 16     | 21     |
| IDF        | 3400927442650 | FLUARIXTETRA SUSP INJ SER 1            | 1      | 5      | 13     |
| IDF        | 3400928099761 | VAXIGRIPTETRA HS SUSP INJ DOSE 1       | 4      | 0      | 10     |
| IDF        | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0      | 0      | 1      |
| IDF        | 3400930029190 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 0      | 0      | 2      |
| IDF        | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 48925  | 90977  | 141337 |
| IDF        | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 0      | 0      | 340    |
| IDF        | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 0      | 0      | 3035   |
| IDF        | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 397904 | 351669 | 588036 |
| IDF        | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 200    | 51     | 134    |
| IDF        | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0      | 0      | 1      |
| IDF        | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 0      | 0      | 4      |
| IDF        | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 309542 | 359589 | 499712 |
| IDF        | 3400930141861 | SHINGRIX PDRE/SUSP INJ                 | 0      | 0      | 41     |
| IDF        | 3400930205372 | EFLUELDA SUSP INJ SER SS AIG 1         | 6      | 27     | 0      |
| IDF        | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 95127  | 269085 | 2460   |
| IDF        | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0      | 0      | 39     |
| IDF        | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0      | 0      | 8      |
| IDF        | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0      | 0      | 1212   |
| IDF        | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 44     | 44     | 45     |
| IDF        | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 0      | 0      | 4      |
| IDF        | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 129    | 66     | 6      |
| IDF        | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 0      | 0      | 335    |
| IDF        | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0      | 0      | 99     |
| IDF        | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0      | 0      | 15     |
| IDF        | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 0      | 0      | 3      |
| IDF        | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 0      | 0      | 155    |
| IDF        | 3400935166906 | ENGERIX B 20 AD SUSP INJ 1             | 0      | 0      | 1780   |
| IDF        | 3400935167095 | ENGERIX B 10 ENF ET NR SUSP INJ 1      | 0      | 0      | 15     |
| IDF        | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 0      | 0      | 19     |
| IDF        | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 0      | 0      | 4      |
| IDF        | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0      | 0      | 3      |
| IDF        | 3400935964243 | REPEVAX SUSP INJ SER SA 1              | 0      | 0      | 1      |
| IDF        | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0      | 0      | 34     |
| IDF        | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 0      | 0      | 21     |
| IDF        | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 0      | 0      | 2753   |
| IDF        | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0      | 0      | 16150  |
| IDF        | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 0      | 0      | 32     |
| IDF        | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 0      | 0      | 2      |
| IDF        | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0      | 0      | 420    |

| Department | CIP13         | Vaccine (trade name)                 | Year |      |      |
|------------|---------------|--------------------------------------|------|------|------|
|            |               |                                      | 2022 | 2023 | 2024 |
| IDF        | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1     | 0    | 0    | 866  |
| IDF        | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1    | 0    | 0    | 3    |
| IDF        | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1 | 0    | 0    | 32   |
| IDF        | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1    | 0    | 0    | 1    |
| IDF        | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1   | 0    | 0    | 19   |
| IDF        | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1  | 0    | 0    | 7    |
| IDF        | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1     | 0    | 0    | 1    |
| IDF        | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1       | 0    | 0    | 52   |
| IDF        | 3400939020228 | ROTARIX SUSP BUV 1                   | 0    | 0    | 1    |
| IDF        | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1         | 0    | 0    | 222  |

**Supplementary Table S2** - Table of vaccine doses administered by pharmacists and prescribed by "non-pharmacist" professionals by CIP13 code and by department in the Ile de France region.

| Department | CIP13         | Vaccine (trade name)                   | Year |      |       |
|------------|---------------|----------------------------------------|------|------|-------|
|            |               |                                        | 2022 | 2023 | 2024  |
| 75         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 3    | 82   | 145   |
| 75         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 9    | 310  | 1225  |
| 75         | 3400926863036 | BEXSERO SUSP INJ 1                     | 33   | 456  | 706   |
| 75         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0    | 16   | 47    |
| 75         | 3400927350368 | HEXYON SUSP INJ SER 1                  | 3    | 37   | 0     |
| 75         | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 0    | 5    | 0     |
| 75         | 3400928099846 | INFLUSPLIT TETRA                       | 2    | 0    | 0     |
| 75         | 3400928099877 | VAXIGRIPTETRA                          | 7    | 17   | 4     |
| 75         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0    | 5    | 3     |
| 75         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 394  | 576  | 1506  |
| 75         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 455  | 4264 | 5220  |
| 75         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 145  | 4920 | 11400 |
| 75         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 3497 | 4138 | 6668  |
| 75         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 0    | 25   | 4     |
| 75         | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0    | 0    | 1     |
| 75         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 2    | 2    | 12    |
| 75         | 3400930096376 | TRUMENBA SUSP INJ SERG 1               | 0    | 6    | 7     |
| 75         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 2614 | 2839 | 4981  |
| 75         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0    | 0    | 119   |
| 75         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 524  | 1071 | 44    |
| 75         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0    | 24   | 126   |
| 75         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0    | 0    | 47    |
| 75         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0    | 6739  |
| 75         | 3400930274170 | AREXVY                                 | 0    | 0    | 5     |
| 75         | 3400930275573 | ABRYSVO PDR ET SOLVANT SOL INJ 1       | 0    | 0    | 1462  |

| Department | CIP13         | Vaccine (trade name)                   | Year |       |       |
|------------|---------------|----------------------------------------|------|-------|-------|
|            |               |                                        | 2022 | 2023  | 2024  |
| 75         | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 0    | 0     | 2     |
| 75         | 3400932434824 | PNEUMO 23 SOL INJ SER 1                | 0    | 4     | 1     |
| 75         | 3400932575503 | IMOVAX POLIO SUSP INJ SER SS AIG 1     | 0    | 1     | 0     |
| 75         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 6    | 46    | 101   |
| 75         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 1    | 2     | 0     |
| 75         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 65   | 1528  | 3165  |
| 75         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 21   | 426   | 717   |
| 75         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 3    | 22    | 133   |
| 75         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 21   | 359   | 25    |
| 75         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 15   | 390   | 1244  |
| 75         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 174  | 5601  | 12280 |
| 75         | 3400935167095 | ENGRIX B 10 ENF ET NR SUSP INJ 1       | 10   | 165   | 121   |
| 75         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 2    | 60    | 81    |
| 75         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 2    | 11    | 23    |
| 75         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 1    | 8     | 5     |
| 75         | 3400935964243 | REPEVAX SUSP INJ SER SA 1              | 0    | 3     | 4     |
| 75         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 3    | 23    | 115   |
| 75         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 10   | 220   | 316   |
| 75         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 747  | 5959  | 14568 |
| 75         | 3400936773936 | BOOSTRIXTETRA SUSP INJ 1               | 1    | 0     | 0     |
| 75         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0    | 8873  | 56114 |
| 75         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 1686 | 14885 | 100   |
| 75         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 2    | 21    | 29    |
| 75         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0    | 12    | 813   |
| 75         | 3400936874923 | TETRAVAC ACELLULAIRE INJ 2AIG 1        | 0    | 2     | 0     |
| 75         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0    | 1603  | 3915  |
| 75         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 440  | 3049  | 43    |
| 75         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 6    | 62    | 235   |
| 75         | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1      | 2    | 4     | 2     |
| 75         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 15   | 236   | 161   |
| 75         | 3400937082020 | AVAXIM 160U SUSP INJ SER + AIG SEPAR 1 | 0    | 4     | 1     |
| 75         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 1    | 16    | 39    |
| 75         | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 34   | 95    | 141   |
| 75         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 0    | 2     | 6     |
| 75         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 32   | 459   | 830   |
| 75         | 3400939020228 | ROTARIX SUSP BUV 1                     | 1    | 3     | 3     |
| 75         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 653  | 4437  | 4562  |
| 77         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 2    | 19    | 51    |
| 77         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 1    | 54    | 242   |
| 77         | 3400926863036 | BEXSERO SUSP INJ 1                     | 2    | 29    | 175   |
| 77         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0    | 0     | 29    |
| 77         | 3400927350368 | HEXYON SUSP INJ SER 1                  | 1    | 3     | 0     |
| 77         | 3400928099761 | VAXIGRIPTETRA HS SUSP INJ DOSE 1       | 2    | 0     | 0     |
| 77         | 3400928099877 | VAXIGRIPTETRA                          | 2    | 1     | 0     |

| Department | CIP13         | Vaccine (trade name)                   | Year |      |       |
|------------|---------------|----------------------------------------|------|------|-------|
|            |               |                                        | 2022 | 2023 | 2024  |
| 77         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0    | 1    | 0     |
| 77         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 41   | 97   | 298   |
| 77         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 166  | 1465 | 1983  |
| 77         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 41   | 1045 | 5078  |
| 77         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 848  | 834  | 1261  |
| 77         | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0    | 0    | 2     |
| 77         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 0    | 4    | 0     |
| 77         | 3400930096376 | TRUMENBA SUSP INJ SERG 1               | 0    | 0    | 3     |
| 77         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 383  | 525  | 1421  |
| 77         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0    | 0    | 13    |
| 77         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 99   | 321  | 4     |
| 77         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0    | 3    | 68    |
| 77         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0    | 0    | 8     |
| 77         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0    | 3204  |
| 77         | 3400930274170 | AREXVY                                 | 0    | 0    | 1     |
| 77         | 3400930275573 | ABRYSVO PDR ET SOLVANT SOL INJ 1       | 0    | 0    | 277   |
| 77         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 1    | 26   | 51    |
| 77         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 3    | 183  | 544   |
| 77         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 2    | 45   | 97    |
| 77         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0    | 1    | 21    |
| 77         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 7    | 173  | 11    |
| 77         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 3    | 71   | 343   |
| 77         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 49   | 1251 | 3361  |
| 77         | 3400935167095 | ENGRIX B 10 ENF ET NR SUSP INJ 1       | 2    | 26   | 67    |
| 77         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 2    | 4    | 33    |
| 77         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 0    | 4    | 5     |
| 77         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0    | 4    | 1     |
| 77         | 3400935964243 | REPEVAX SUSP INJ SER SA 1              | 0    | 0    | 1     |
| 77         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0    | 4    | 35    |
| 77         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 2    | 51   | 126   |
| 77         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 157  | 1676 | 6668  |
| 77         | 3400936773936 | BOOSTRIXTETRA SUSP INJ 1               | 0    | 0    | 1     |
| 77         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0    | 2323 | 22149 |
| 77         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 416  | 4312 | 36    |
| 77         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 2    | 6    | 7     |
| 77         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0    | 29   | 766   |
| 77         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0    | 807  | 2417  |
| 77         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 195  | 1400 | 14    |
| 77         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0    | 12   | 49    |
| 77         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 3    | 36   | 47    |
| 77         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0    | 1    | 25    |
| 77         | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 14   | 34   | 50    |
| 77         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 0    | 3    | 7     |
| 77         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 1    | 17   | 48    |

| Department | CIP13         | Vaccine (trade name)                   | Year |      |       |
|------------|---------------|----------------------------------------|------|------|-------|
|            |               |                                        | 2022 | 2023 | 2024  |
| 77         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 189  | 1608 | 1642  |
| 78         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 2    | 51   | 116   |
| 78         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 8    | 156  | 650   |
| 78         | 3400926863036 | BEXSERO SUSP INJ 1                     | 4    | 61   | 338   |
| 78         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0    | 1    | 5     |
| 78         | 3400927350368 | HEXYON SUSP INJ SER 1                  | 2    | 6    | 1     |
| 78         | 3400928099877 | VAXIGRIPTETRA                          | 0    | 1    | 0     |
| 78         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 1    | 0    | 3     |
| 78         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 95   | 566  | 413   |
| 78         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 194  | 1700 | 2644  |
| 78         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 48   | 1808 | 6959  |
| 78         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 1369 | 1425 | 2896  |
| 78         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 0    | 0    | 1     |
| 78         | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0    | 0    | 2     |
| 78         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 0    | 2    | 6     |
| 78         | 3400930096376 | TRUMENBA SUSP INJ SERG 1               | 0    | 0    | 1     |
| 78         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 922  | 1272 | 3393  |
| 78         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0    | 0    | 42    |
| 78         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 169  | 299  | 9     |
| 78         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0    | 9    | 72    |
| 78         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0    | 0    | 8     |
| 78         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0    | 3227  |
| 78         | 3400930275573 | ABRYSVO PDR ET SOLVANT SOL INJ 1       | 0    | 0    | 608   |
| 78         | 3400932434824 | PNEUMO 23 SOL INJ SER 1                | 0    | 0    | 1     |
| 78         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 2    | 12   | 63    |
| 78         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 1    | 0    | 0     |
| 78         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 16   | 329  | 837   |
| 78         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 2    | 68   | 169   |
| 78         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0    | 4    | 46    |
| 78         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 12   | 203  | 15    |
| 78         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 7    | 89   | 439   |
| 78         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 58   | 1442 | 3762  |
| 78         | 3400935167095 | ENGRIX B 10 ENF ET NR SUSP INJ 1       | 2    | 32   | 52    |
| 78         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 2    | 8    | 45    |
| 78         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 2    | 14   | 3     |
| 78         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0    | 0    | 2     |
| 78         | 3400935964243 | REPEVAX SUSP INJ SER SA 1              | 0    | 0    | 2     |
| 78         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0    | 5    | 49    |
| 78         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 3    | 68   | 133   |
| 78         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 176  | 1626 | 5402  |
| 78         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0    | 4070 | 30331 |
| 78         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 809  | 6575 | 34    |
| 78         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 2    | 5    | 9     |
| 78         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0    | 9    | 728   |

| Department | CIP13         | Vaccine (trade name)                   | Year |      |      |
|------------|---------------|----------------------------------------|------|------|------|
|            |               |                                        | 2022 | 2023 | 2024 |
| 78         | 3400936874923 | TETRAVAC ACELLULAIRE INJ 2AIG 1        | 0    | 3    | 0    |
| 78         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0    | 881  | 2346 |
| 78         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 218  | 1512 | 21   |
| 78         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0    | 15   | 83   |
| 78         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 2    | 61   | 78   |
| 78         | 3400937082020 | AVAXIM 160U SUSP INJ SER + AIG SEPAR 1 | 0    | 1    | 2    |
| 78         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0    | 10   | 14   |
| 78         | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 18   | 76   | 103  |
| 78         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 0    | 2    | 6    |
| 78         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 2    | 69   | 108  |
| 78         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 235  | 1798 | 2357 |
| 91         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 2    | 27   | 50   |
| 91         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 5    | 86   | 350  |
| 91         | 3400926863036 | BEXSERO SUSP INJ 1                     | 1    | 80   | 206  |
| 91         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0    | 1    | 19   |
| 91         | 3400927350368 | HEXYON SUSP INJ SER 1                  | 1    | 8    | 0    |
| 91         | 3400928099877 | VAXIGRIPTETRA                          | 0    | 3    | 4    |
| 91         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0    | 1    | 0    |
| 91         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 90   | 154  | 525  |
| 91         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 151  | 1405 | 1847 |
| 91         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 41   | 1406 | 5680 |
| 91         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 1436 | 1280 | 2615 |
| 91         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 7    | 0    | 1    |
| 91         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 0    | 0    | 10   |
| 91         | 3400930096376 | TRUMENBA SUSP INJ SERG 1               | 0    | 0    | 5    |
| 91         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 443  | 668  | 1392 |
| 91         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0    | 0    | 23   |
| 91         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 84   | 261  | 7    |
| 91         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0    | 2    | 38   |
| 91         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0    | 0    | 16   |
| 91         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0    | 2910 |
| 91         | 3400930274170 | AREXVY                                 | 0    | 0    | 1    |
| 91         | 3400930275573 | ABRYSVO PDR ET SOLVANT SOL INJ 1       | 0    | 0    | 357  |
| 91         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 5    | 21   | 33   |
| 91         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 6    | 196  | 452  |
| 91         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 0    | 40   | 63   |
| 91         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0    | 2    | 23   |
| 91         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 13   | 169  | 13   |
| 91         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 5    | 97   | 372  |
| 91         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 52   | 1297 | 3167 |
| 91         | 3400935167095 | ENGRIX B 10 ENF ET NR SUSP INJ 1       | 2    | 28   | 61   |
| 91         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 1    | 14   | 81   |
| 91         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 0    | 5    | 18   |
| 91         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0    | 4    | 2    |

| Department | CIP13         | Vaccine (trade name)                   | Year |      |       |
|------------|---------------|----------------------------------------|------|------|-------|
|            |               |                                        | 2022 | 2023 | 2024  |
| 91         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0    | 2    | 21    |
| 91         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 2    | 56   | 87    |
| 91         | 3400936773875 | BOOSTRIX TETRA SUSP INJ 1              | 227  | 1921 | 6589  |
| 91         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0    | 2640 | 20568 |
| 91         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 552  | 4966 | 103   |
| 91         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 0    | 10   | 12    |
| 91         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0    | 14   | 768   |
| 91         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0    | 811  | 1924  |
| 91         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 163  | 1351 | 11    |
| 91         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 1    | 8    | 32    |
| 91         | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1      | 0    | 0    | 2     |
| 91         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 2    | 35   | 31    |
| 91         | 3400937082020 | AVAXIM 160U SUSP INJ SER + AIG SEPAR 1 | 0    | 0    | 1     |
| 91         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0    | 1    | 14    |
| 91         | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 4    | 47   | 41    |
| 91         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 1    | 1    | 2     |
| 91         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 0    | 20   | 21    |
| 91         | 3400939020228 | ROTARIX SUSP BUV 1                     | 0    | 0    | 1     |
| 91         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 167  | 1624 | 1637  |
| 92         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 2    | 32   | 103   |
| 92         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 4    | 135  | 672   |
| 92         | 3400926863036 | BEXSERO SUSP INJ 1                     | 14   | 126  | 368   |
| 92         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0    | 15   | 25    |
| 92         | 3400927350368 | HEXYON SUSP INJ SER 1                  | 4    | 12   | 0     |
| 92         | 3400928099877 | VAXIGRIPTETRA                          | 0    | 1    | 15    |
| 92         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0    | 3    | 2     |
| 92         | 3400930029220 | FLUARIX TETRA SUSP INJ SER VACCIN 1    | 676  | 955  | 1043  |
| 92         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 242  | 2140 | 2754  |
| 92         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 65   | 2264 | 7222  |
| 92         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 2436 | 2452 | 3774  |
| 92         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 2    | 0    | 0     |
| 92         | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0    | 0    | 1     |
| 92         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 0    | 2    | 4     |
| 92         | 3400930096376 | TRUMENBA SUSP INJ SERG 1               | 0    | 0    | 2     |
| 92         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 1729 | 2284 | 3346  |
| 92         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0    | 0    | 104   |
| 92         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 744  | 1505 | 22    |
| 92         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0    | 10   | 138   |
| 92         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0    | 0    | 11    |
| 92         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0    | 3479  |
| 92         | 3400930275573 | ABRYSVO PDR ET SOLVANT SOL INJ 1       | 0    | 0    | 926   |
| 92         | 3400932434824 | PNEUMO 23 SOL INJ SER 1                | 1    | 1    | 0     |
| 92         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 9    | 40   | 61    |
| 92         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 1    | 0    | 0     |

| Department | CIP13         | Vaccine (trade name)                   | Year |      |       |
|------------|---------------|----------------------------------------|------|------|-------|
|            |               |                                        | 2022 | 2023 | 2024  |
| 92         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 24   | 652  | 1465  |
| 92         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 5    | 152  | 366   |
| 92         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 1    | 15   | 80    |
| 92         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 17   | 190  | 10    |
| 92         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 16   | 141  | 618   |
| 92         | 3400935166906 | ENERIX B 20 AD SUSP INJ 1              | 78   | 2010 | 5140  |
| 92         | 3400935167095 | ENERIX B 10 ENF ET NR SUSP INJ 1       | 5    | 61   | 60    |
| 92         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 3    | 20   | 49    |
| 92         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 0    | 2    | 20    |
| 92         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 2    | 7    | 15    |
| 92         | 3400935964243 | REPEVAX SUSP INJ SER SA 1              | 2    | 3    | 4     |
| 92         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 0    | 9    | 59    |
| 92         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 8    | 54   | 158   |
| 92         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 371  | 3692 | 10064 |
| 92         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0    | 5169 | 35210 |
| 92         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 987  | 8691 | 52    |
| 92         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 1    | 13   | 22    |
| 92         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0    | 8    | 722   |
| 92         | 3400936874923 | TETRAVAC ACELLULAIRE INJ 2AIG 1        | 2    | 3    | 0     |
| 92         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0    | 823  | 2212  |
| 92         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 215  | 1578 | 29    |
| 92         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 3    | 30   | 113   |
| 92         | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1      | 0    | 5    | 0     |
| 92         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 4    | 77   | 60    |
| 92         | 3400937082020 | AVAXIM 160U SUSP INJ SER + AIG SEPAR 1 | 1    | 7    | 15    |
| 92         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0    | 7    | 11    |
| 92         | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 15   | 60   | 75    |
| 92         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 0    | 1    | 2     |
| 92         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 9    | 141  | 210   |
| 92         | 3400939020228 | ROTARIX SUSP BUV 1                     | 0    | 0    | 2     |
| 92         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 281  | 2385 | 2498  |
| 93         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 7    | 40   | 102   |
| 93         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 10   | 102  | 469   |
| 93         | 3400926863036 | BEXSERO SUSP INJ 1                     | 6    | 61   | 159   |
| 93         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0    | 1    | 23    |
| 93         | 3400927350368 | HEXYON SUSP INJ SER 1                  | 2    | 7    | 0     |
| 93         | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 0    | 1    | 0     |
| 93         | 3400928099877 | VAXIGRIPTETRA                          | 2    | 1    | 2     |
| 93         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0    | 1    | 2     |
| 93         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 123  | 315  | 465   |
| 93         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 222  | 1625 | 2132  |
| 93         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 25   | 814  | 3565  |
| 93         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 2631 | 1599 | 2819  |
| 93         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 1    | 1    | 0     |

| Department | CIP13         | Vaccine (trade name)                   | Year |      |       |
|------------|---------------|----------------------------------------|------|------|-------|
|            |               |                                        | 2022 | 2023 | 2024  |
| 93         | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0    | 0    | 6     |
| 93         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 2    | 4    | 20    |
| 93         | 3400930096376 | TRUMENBA SUSP INJ SERG 1               | 0    | 0    | 2     |
| 93         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 1350 | 1433 | 2206  |
| 93         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0    | 0    | 17    |
| 93         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 225  | 649  | 14    |
| 93         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 1    | 5    | 41    |
| 93         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0    | 0    | 15    |
| 93         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0    | 2535  |
| 93         | 3400930275573 | ABRYSVO PDR ET SOLVANT SOL INJ 1       | 0    | 0    | 591   |
| 93         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 7    | 27   | 49    |
| 93         | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 5    | 0    | 0     |
| 93         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 12   | 260  | 703   |
| 93         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 8    | 53   | 83    |
| 93         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 1    | 6    | 40    |
| 93         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 16   | 224  | 10    |
| 93         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 7    | 114  | 508   |
| 93         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 94   | 1522 | 4426  |
| 93         | 3400935167095 | ENGRIX B 10 ENF ET NR SUSP INJ 1       | 0    | 76   | 53    |
| 93         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 5    | 20   | 51    |
| 93         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 1    | 4    | 6     |
| 93         | 3400935528001 | PNEUMOVAX SOL INJ FL 1                 | 4    | 0    | 0     |
| 93         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0    | 2    | 4     |
| 93         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 3    | 2    | 34    |
| 93         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 6    | 68   | 136   |
| 93         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 232  | 2114 | 7245  |
| 93         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0    | 2360 | 17319 |
| 93         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 448  | 3874 | 38    |
| 93         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 0    | 15   | 7     |
| 93         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0    | 22   | 741   |
| 93         | 3400936874923 | TETRAVAC ACELLULAIRE INJ 2AIG 1        | 0    | 1    | 0     |
| 93         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0    | 604  | 1707  |
| 93         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 162  | 1055 | 16    |
| 93         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 1    | 6    | 33    |
| 93         | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1      | 0    | 2    | 1     |
| 93         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 8    | 72   | 45    |
| 93         | 3400937082020 | AVAXIM 160U SUSP INJ SER + AIG SEPAR 1 | 0    | 1    | 2     |
| 93         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0    | 0    | 4     |
| 93         | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 4    | 10   | 20    |
| 93         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 0    | 4    | 5     |
| 93         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 6    | 53   | 74    |
| 93         | 3400939020228 | ROTARIX SUSP BUV 1                     | 0    | 1    | 2     |
| 93         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 289  | 1785 | 2046  |
| 94         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 2    | 17   | 42    |

| Department | CIP13         | Vaccine (trade name)                   | Year |      |       |
|------------|---------------|----------------------------------------|------|------|-------|
|            |               |                                        | 2022 | 2023 | 2024  |
| 94         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 7    | 108  | 419   |
| 94         | 3400926863036 | BEXSERO SUSP INJ 1                     | 7    | 68   | 208   |
| 94         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0    | 9    | 30    |
| 94         | 3400927350368 | HEXYON SUSP INJ SER 1                  | 1    | 9    | 0     |
| 94         | 3400928099877 | VAXIGRIPTETRA                          | 3    | 0    | 1     |
| 94         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0    | 3    | 3     |
| 94         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 96   | 277  | 493   |
| 94         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 176  | 1633 | 2160  |
| 94         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 52   | 1189 | 4440  |
| 94         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 1717 | 1712 | 2147  |
| 94         | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 6    | 0    | 0     |
| 94         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 0    | 8    | 2     |
| 94         | 3400930096376 | TRUMENBA SUSP INJ SERG 1               | 0    | 0    | 3     |
| 94         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 1459 | 1303 | 2486  |
| 94         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0    | 0    | 43    |
| 94         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 225  | 376  | 6     |
| 94         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0    | 5    | 50    |
| 94         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0    | 0    | 4     |
| 94         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0    | 3120  |
| 94         | 3400930275573 | ABRYVO PDR ET SOLVANT SOL INJ 1        | 0    | 0    | 542   |
| 94         | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 2    | 0    | 0     |
| 94         | 3400932434824 | PNEUMO 23 SOL INJ SER 1                | 1    | 0    | 0     |
| 94         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 2    | 18   | 54    |
| 94         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 9    | 331  | 719   |
| 94         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 4    | 66   | 91    |
| 94         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 1    | 7    | 39    |
| 94         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 9    | 145  | 15    |
| 94         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 3    | 110  | 419   |
| 94         | 3400935166906 | ENGERIX B 20 AD SUSP INJ 1             | 84   | 1591 | 3772  |
| 94         | 3400935167095 | ENGERIX B 10 ENF ET NR SUSP INJ 1      | 3    | 37   | 48    |
| 94         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 1    | 16   | 89    |
| 94         | 3400935524676 | INFANRIXTETRA IM SUSP INJ 1            | 0    | 0    | 1     |
| 94         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 1    | 12   | 15    |
| 94         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0    | 2    | 3     |
| 94         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 2    | 7    | 60    |
| 94         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 2    | 68   | 127   |
| 94         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 311  | 2959 | 9473  |
| 94         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0    | 2820 | 19487 |
| 94         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 519  | 4880 | 29    |
| 94         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 1    | 4    | 10    |
| 94         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0    | 7    | 563   |
| 94         | 3400936874923 | TETRAVAC ACELLULAIRE INJ 2AIG 1        | 0    | 1    | 0     |
| 94         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0    | 644  | 1711  |
| 94         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 164  | 1228 | 17    |

| Department | CIP13         | Vaccine (trade name)                   | Year |      |      |
|------------|---------------|----------------------------------------|------|------|------|
|            |               |                                        | 2022 | 2023 | 2024 |
| 94         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0    | 6    | 65   |
| 94         | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1      | 0    | 0    | 4    |
| 94         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 6    | 75   | 38   |
| 94         | 3400937082020 | AVAXIM 160U SUSP INJ SER + AIG SEPAR 1 | 0    | 0    | 1    |
| 94         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0    | 0    | 9    |
| 94         | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 7    | 20   | 63   |
| 94         | 3400937622363 | ROTATEQ SOL BUV 1                      | 0    | 1    | 0    |
| 94         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 0    | 4    | 3    |
| 94         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 5    | 50   | 66   |
| 94         | 3400939020228 | ROTARIX SUSP BUV 1                     | 1    | 0    | 2    |
| 94         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 221  | 1857 | 1956 |
| 95         | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 2    | 11   | 34   |
| 95         | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 7    | 108  | 345  |
| 95         | 3400926863036 | BEXSERO SUSP INJ 1                     | 5    | 39   | 112  |
| 95         | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0    | 9    | 20   |
| 95         | 3400927350368 | HEXYON SUSP INJ SER 1                  | 1    | 4    | 0    |
| 95         | 3400928099877 | VAXIGRIPTETRA                          | 1    | 0    | 0    |
| 95         | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 0    | 1    | 2    |
| 95         | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 184  | 139  | 377  |
| 95         | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 125  | 1038 | 1496 |
| 95         | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 13   | 920  | 3692 |
| 95         | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 959  | 780  | 950  |
| 95         | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0    | 0    | 1    |
| 95         | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 0    | 2    | 10   |
| 95         | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 1063 | 969  | 1347 |
| 95         | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0    | 0    | 7    |
| 95         | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 272  | 362  | 6    |
| 95         | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 0    | 6    | 57   |
| 95         | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0    | 0    | 7    |
| 95         | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0    | 1858 |
| 95         | 3400930275573 | ABRYVO PDR ET SOLVANT SOL INJ 1        | 0    | 0    | 319  |
| 95         | 3400932434824 | PNEUMO 23 SOL INJ SER 1                | 0    | 1    | 0    |
| 95         | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 2    | 13   | 23   |
| 95         | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 13   | 228  | 576  |
| 95         | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 6    | 37   | 88   |
| 95         | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 0    | 7    | 28   |
| 95         | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 12   | 182  | 10   |
| 95         | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 4    | 46   | 287  |
| 95         | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 41   | 1028 | 2620 |
| 95         | 3400935167095 | ENGRIX B 10 ENF ET NR SUSP INJ 1       | 0    | 24   | 50   |
| 95         | 3400935259967 | REVAXIS SUSP INJ SER 0,5ML PA 1        | 1    | 0    | 0    |
| 95         | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 0    | 7    | 27   |
| 95         | 3400935524737 | INFANRIXQUINTA PDR INJ SER 1           | 1    | 5    | 10   |
| 95         | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 0    | 0    | 3    |

| Department | CIP13         | Vaccine (trade name)                   | Year  |       |       |
|------------|---------------|----------------------------------------|-------|-------|-------|
|            |               |                                        | 2022  | 2023  | 2024  |
| 95         | 3400935964243 | REPEVAX SUSP INJ SER SA 1              | 0     | 0     | 1     |
| 95         | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 2     | 1     | 19    |
| 95         | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 3     | 42    | 60    |
| 95         | 3400936773875 | BOOSTRIXTETRA SUSP INJ 1               | 159   | 1363  | 4871  |
| 95         | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0     | 2229  | 16967 |
| 95         | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 451   | 3722  | 29    |
| 95         | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 0     | 4     | 6     |
| 95         | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0     | 7     | 603   |
| 95         | 3400936874923 | TETRAVAC ACELLULAIRE INJ 2AIG 1        | 0     | 0     | 1     |
| 95         | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0     | 535   | 1294  |
| 95         | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 136   | 933   | 10    |
| 95         | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 0     | 9     | 38    |
| 95         | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1      | 0     | 2     | 3     |
| 95         | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 5     | 38    | 42    |
| 95         | 3400937082020 | AVAXIM 160U SUSP INJ SER + AIG SEPAR 1 | 0     | 1     | 0     |
| 95         | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 0     | 2     | 17    |
| 95         | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 2     | 13    | 22    |
| 95         | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 0     | 0     | 2     |
| 95         | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 2     | 32    | 53    |
| 95         | 3400939020228 | ROTARIX SUSP BUV 1                     | 0     | 0     | 1     |
| 95         | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 148   | 1155  | 1431  |
| IDF        | 3400921702903 | MENVEO PDR ET SOL INJ 1                | 22    | 279   | 643   |
| IDF        | 3400922253930 | NIMENRIX PDR ET SOL INJ SER 2A 1       | 51    | 1059  | 4372  |
| IDF        | 3400926863036 | BEXSERO SUSP INJ 1                     | 72    | 920   | 2272  |
| IDF        | 3400927350078 | HEXYON SUSP INJ SER 1A 1               | 0     | 52    | 198   |
| IDF        | 3400927350368 | HEXYON SUSP INJ SER 1                  | 15    | 86    | 1     |
| IDF        | 3400927442599 | FLUARIXTETRA SUSP INJ SER VACCI 1      | 0     | 6     | 0     |
| IDF        | 3400928099761 | VAXIGRIPTETRA HS SUSP INJ DOSE 1       | 2     | 0     | 0     |
| IDF        | 3400928099846 | INFLUSPLIT TETRA                       | 2     | 0     | 0     |
| IDF        | 3400928099877 | VAXIGRIPTETRA                          | 15    | 24    | 26    |
| IDF        | 3400930017609 | MENJUGATE 10 MCG SUSP INJ SER 1        | 1     | 15    | 15    |
| IDF        | 3400930029220 | FLUARIXTETRA SUSP INJ SER VACCIN 1     | 1699  | 3079  | 5120  |
| IDF        | 3400930044384 | PNEUMOVAX SOL INJ SER 1                | 1731  | 15270 | 20236 |
| IDF        | 3400930056202 | GARDASIL 9 SUSP INJ SER + 2 AIG 1      | 430   | 14366 | 48036 |
| IDF        | 3400930067727 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 14893 | 14220 | 23130 |
| IDF        | 3400930067758 | VAXIGRIPTETRA SUSP INJ SER 0.5ML A/A 1 | 16    | 26    | 6     |
| IDF        | 3400930079782 | VAXELIS SUSP INJ SRG 1A 1              | 0     | 0     | 13    |
| IDF        | 3400930079799 | VAXELIS SUSP INJ SRG 1                 | 4     | 24    | 64    |
| IDF        | 3400930096376 | TRUMENBA SUSP INJ SERG 1               | 0     | 6     | 23    |
| IDF        | 3400930117712 | INFLUVAC TETRA INJ SER + AIG 1         | 9963  | 11293 | 20572 |
| IDF        | 3400930141861 | SHINGRIX PDR ET SUPS POUR SUPS INJ 1   | 0     | 0     | 368   |
| IDF        | 3400930205402 | EFLUELDA SUSP INJ SER AVEC AIG 1       | 2342  | 4844  | 112   |
| IDF        | 3400930244210 | MENQUADFI SOL INJ VACCIN MENINGO 1     | 1     | 64    | 590   |
| IDF        | 3400930244371 | VAXNEUVANCE SUSP INJ SER AA 1          | 0     | 0     | 116   |

| Department | CIP13         | Vaccine (trade name)                   | Year |       |        |
|------------|---------------|----------------------------------------|------|-------|--------|
|            |               |                                        | 2022 | 2023  | 2024   |
| IDF        | 3400930247853 | PREVENAR 20 SUSP INJ SRG 1             | 0    | 0     | 27072  |
| IDF        | 3400930274170 | AREXVY VRS                             | 0    | 0     | 7      |
| IDF        | 3400930275573 | ABRYSVO PDR ET SOLVANT SOL INJ 1       | 0    | 0     | 5082   |
| IDF        | 3400932129904 | VAXIGRIP SUSP INJ 1                    | 2    | 0     | 2      |
| IDF        | 3400932434824 | PNEUMO 23 SOL INJ SER 1                | 2    | 6     | 2      |
| IDF        | 3400932575503 | IMOVAX POLIO SUSP INJ SER SS AIG 1     | 0    | 1     | 0      |
| IDF        | 3400933472016 | ACT HIB 10 MICROG/0,5ML PDR SOL INJ 1  | 34   | 203   | 435    |
| IDF        | 3400933652166 | INFLUVAC SUSP INJ AVEC AIG 1           | 8    | 2     | 0      |
| IDF        | 3400933775155 | HAVRIX 1440U/1ML AD SUSP INJ 1         | 148  | 3707  | 8461   |
| IDF        | 3400934166525 | AVAXIM 160U SUSP INJ SER AIG ATTACHE 1 | 48   | 887   | 1674   |
| IDF        | 3400934760457 | HAVRIX 720U/0,5ML NR ENF SUSP INJ 1    | 6    | 64    | 410    |
| IDF        | 3400934822353 | TETRAVAC ACELLULAIRE INJ 1             | 107  | 1645  | 109    |
| IDF        | 3400935137340 | PRIORIX PDR ET SOL INJ 2A 1            | 60   | 1058  | 4230   |
| IDF        | 3400935166906 | ENGRIX B 20 AD SUSP INJ 1              | 630  | 15742 | 38528  |
| IDF        | 3400935167095 | ENGRIX B 10 ENF ET NR SUSP INJ 1       | 24   | 449   | 512    |
| IDF        | 3400935259967 | REVAXIS SUSP INJ SER 0,5ML PA 1        | 1    | 0     | 0      |
| IDF        | 3400935495839 | INFANRIX HEXA PDR INJ SER AVEC AIG 1   | 16   | 149   | 456    |
| IDF        | 3400935524676 | INFANRIX TETRA IM SUSP INJ 1           | 0    | 0     | 1      |
| IDF        | 3400935524737 | INFANRIX QUINTA PDR INJ SER 1          | 7    | 57    | 100    |
| IDF        | 3400935528001 | PNEUMOVAX SOL INJ FL 1                 | 4    | 0     | 0      |
| IDF        | 3400935677242 | AVAXIM 80U PED SUSP INJ SER AIG A 1    | 3    | 27    | 35     |
| IDF        | 3400935964243 | REPEVAX SUSP INJ SER SA 1              | 2    | 6     | 12     |
| IDF        | 3400936277229 | VARILRIX PDR ET SOL INJ 1              | 10   | 53    | 392    |
| IDF        | 3400936277397 | NEISVAC SUSP INJ 2A 1                  | 36   | 627   | 1143   |
| IDF        | 3400936773875 | BOOSTRIX TETRA SUSP INJ 1              | 2380 | 21310 | 64880  |
| IDF        | 3400936773936 | BOOSTRIX TETRA SUSP INJ 1              | 1    | 0     | 1      |
| IDF        | 3400936873742 | REPEVAX SUSP INJ SER AS 1              | 0    | 30484 | 218145 |
| IDF        | 3400936873971 | REPEVAX SUSP INJ SER 2A 1              | 5868 | 51905 | 421    |
| IDF        | 3400936874343 | PENTAVAC PDR ET SUSP INJ 2AIG 1        | 8    | 78    | 102    |
| IDF        | 3400936874633 | TETRAVAC ACELLULAIRE INJ 1AIG 1        | 0    | 108   | 5704   |
| IDF        | 3400936874923 | TETRAVAC ACELLULAIRE INJ 2AIG 1        | 2    | 10    | 1      |
| IDF        | 3400936876064 | REVAXIS SUSP INJ SER 0,5ML ATC 1       | 0    | 6708  | 17526  |
| IDF        | 3400936876293 | REVAXIS SUSP INJ SER 0,5ML 2AIG 1      | 1693 | 12106 | 161    |
| IDF        | 3400936876415 | VARIVAX PDR ET SOL INJ SRG + 2 AIG 1   | 11   | 148   | 648    |
| IDF        | 3400936924291 | HBVAXPRO 5 MCG INJ SER AVEC AIG 1      | 2    | 13    | 12     |
| IDF        | 3400936924642 | HBVAXPRO 10 MCG SUSP INJ SER AIG 1     | 45   | 630   | 502    |
| IDF        | 3400937082020 | AVAXIM 160U SUSP INJ SER + AIG SEPAR 1 | 1    | 14    | 22     |
| IDF        | 3400937328210 | M-M-RVAXPRO PDR & SOLV INJ SER 2A 1    | 1    | 37    | 133    |
| IDF        | 3400937593007 | ZOSTAVAX PDR INJ SRG 1                 | 2    | 355   | 515    |
| IDF        | 3400937622363 | ROTATEQ SOL BUV 1                      | 0    | 1     | 0      |
| IDF        | 3400938164237 | CERVARIX SUSP INJ SER AVEC AIG 1       | 1    | 17    | 33     |
| IDF        | 3400938309959 | VAQTA 50U/1ML SUSP INJ PE AA 1         | 57   | 841   | 1410   |
| IDF        | 3400939020228 | ROTARIX SUSP BUV 1                     | 2    | 4     | 11     |
| IDF        | 3400939901152 | PREVENAR 13 SUSP INJ A SRG 1           | 2183 | 16649 | 18129  |

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**Supplementary Table S3** : Number of vaccine doses administered and prescribed by pharmacists in greater Paris Region by type of vaccine, 2022-2024.

| Number of vaccine doses administered and prescribed by pharmacists |         |           |           |
|--------------------------------------------------------------------|---------|-----------|-----------|
|                                                                    | 2022    | 2023      | 2024      |
| Influenza                                                          | 851 903 | 1 071 529 | 1 231 776 |
| dTaP/IPV                                                           | 0       | 0         | 18 936    |
| HPV                                                                | 0       | 0         | 3 036     |
| B Hepatitis                                                        | 0       | 0         | 1 815     |
| Pneumococcal                                                       | 0       | 0         | 1 782     |
| Td/IPV                                                             | 0       | 0         | 869       |
| ACYW meningococcal                                                 | 0       | 0         | 283       |
| RZV                                                                | 0       | 0         | 41        |
| Autre                                                              | 0       | 0         | 1 235     |

(dTaP/IPV : diphtheria, tetanus, acellular pertussis, poliomyelitis; HPV: human papilloma virus; RZV: Recombinant Zoster Vaccine; RSV: respiratory syncytial virus; Td/IPV: diphtheria, tetanus, poliomyelitis)