

Medical practice variations

KEY DATA SUMMARY

Analysis of the distribution of medical practice in Belgium, in terms of volume and expenditure per patient and per insured (distribution, occurrence, trends by region, province and district), for the year **2023**



NIHDI – Healthcare Service – Directorate for Research, Development and Quality promotion

Appropriate care unit

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1. INTRODUCTION

The Appropriate Care Unit was set up within the NIHDI's Directorate for Research, Development and Quality under NIHDI's Administration Contract for 2016-2018¹. Article 35 of this contract refers to 'the setting up of an Appropriate Care Unit, aiming specifically to promote an integrated approach to the rational use of resources'. The Appropriate Care Unit has been up and running since the second quarter of 2017.

The tasks of the Unit were set out formally in the '2016-2017 Healthcare monitoring Action plan', published by NIHDI on 18 July 2016¹. This plan lists around thirty measures designed to make healthcare provision more efficient, by encouraging appropriate practice and tackling unnecessary or inappropriate care.

The plan states that one of the tasks of the Appropriate Care Unit is to analyse the 'appropriateness of care', in order to identify un-explained variations in consumption patterns, identified after standardisation. Such variations can potentially point to non-optimal use of resources.

'Variations in medical practice' documents report on the analyses carried out in this framework. Each report focuses on a particular topic.

In this document, we present the key data from each report relating to analyses of practice. Readers interested in the methodology used in these quantitative analyses should consult the document entitled '[Variations in practice – Methodology](#)'.

We have deliberately chosen not to attempt to interpret the figures, preferring to present the results to experts who are in a better position to do so. This document has nevertheless been made available to the public in order to provide objective, open input to discussions on this issue.

¹ (Institut national d'assurance maladie-invalidité, 2016)

2. NERVOUS SYSTEM

A. Central nervous system

Electroencephalography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurology	87,12%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	356.964	
	Average occurrence per patient per day (services)	1,09	
	Average occurrence per patient per year (days)	1,21	
	Total average occurrence	1,31	
	Estimated number of patients (per year)	272.658	
	Standardised usage rate (per 100 000 insured persons)	2.367	
	Percentage of outpatient care	60,53%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	59 years	
	Max/min ratio ¹ of the median age (by district*)	1,22	
	Percentage of women (patients)	54,34%	
	Ratio Preferential rate/General rate (patients)	1,77	
TRENDS			
	Trend ² (2013-2023)	-0,55%	***
	Trend ³ (2013-2021)	-1,05%	**
	Trend ³ (2021-2023)	1,48%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	17,7	NS
	Coefficient of variation ⁴ (2021-2023)	20,25	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,57	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,29	
DIRECT EXPENDITURE			
	Annual expenditure	27.414.525 €	
	Average annual expenditure per insured ⁵	2,38 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,31	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,89	
	Average annual expenditure per patient	100,55 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Electroencephalographie_2023.pdf](#)

Medical practice variations – SUMMARY

Cognitive evoked potentials

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Psychiatry</i>	99,25%	
Main prescribers:	<i>Psychiatry</i>	97,44%	
USAGE RATE			
	Number of services per year	17.789	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,02	
	Estimated number of patients (per year)	17.446	
	Standardised usage rate (per 100 000 insured persons)	151	
	Percentage of outpatient care	33,08%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	44 years	
	Max/min ratio ¹ of the median age (by district*)	2	
	Percentage of women (patients)	56,91%	
	Ratio Preferential rate/General rate (patients)	3,42	
TRENDS			
	Trend ² (2013-2023)	-0,50%	NS
	Trend ³ (2013-2021)	-0,44%	NS
	Trend ³ (2021-2023)	-0,71%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	88,57	NS
	Coefficient of variation ⁴ (2021-2023)	95,94	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	3,27	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	41,12	
DIRECT EXPENDITURE			
	Annual expenditure	2.913.059 €	
	Average annual expenditure per insured ⁵	0,25 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	3,3	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	42,27	
	Average annual expenditure per patient	166,97 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Potentiels_evoques_cognitifs_2023.pdf](#)

Medical practice variations – SUMMARY

Motor evoked potentials

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurology	99,80%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	14.581	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,26	
	Total average occurrence	1,27	
	Estimated number of patients (per year)	11.678	
	Standardised usage rate (per 100 000 insured persons)	101	
	Percentage of outpatient care	74,86%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	59 years	
	Max/min ratio ¹ of the median age (by district*)	1,39	
	Percentage of women (patients)	57,32%	
	Ratio Preferential rate/General rate (patients)	1,77	
TRENDS			
	Trend ² (2013-2023)	-0,12%	NS
	Trend ³ (2013-2021)	0,99%	*
	Trend ³ (2021-2023)	-4,44%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	54,11	NS
	Coefficient of variation ⁴ (2021-2023)	55,23	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,14	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	8,96	
DIRECT EXPENDITURE			
	Annual expenditure	1.217.329 €	
	Average annual expenditure per insured ⁵	0,11 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,43	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	15,76	
	Average annual expenditure per patient	104,24 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Potentiels_evoques_moteurs_2023.pdf](#)

Medical practice variations – SUMMARY

Somatosensory evoked potentials

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurology	98,60%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	36.530	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,11	
	Total average occurrence	1,11	
	Estimated number of patients (per year)	32.984	
	Standardised usage rate (per 100 000 insured persons)	286	
	Percentage of outpatient care	69,49%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	59 years	
	Max/min ratio ¹ of the median age (by district*)	1,48	
	Percentage of women (patients)	58,77%	
	Ratio Preferential rate/General rate (patients)	1,76	
TRENDS			
	Trend ² (2013-2023)	0,56%	NS
	Trend ³ (2013-2021)	0,97%	NS
	Trend ³ (2021-2023)	-1,05%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	53,95	NS
	Coefficient of variation ⁴ (2021-2023)	52,81	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,75	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	7,03	
DIRECT EXPENDITURE			
	Annual expenditure	3.257.499 €	
	Average annual expenditure per insured ⁵	0,28 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,67	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	6,22	
	Average annual expenditure per patient	98,76 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Potentiels_evoques_somato-sensoriels_2023.pdf](#)

Medical practice variations – SUMMARY

Transfontanellar ultrasound

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	64,01%	
Main prescribers:	Paediatrics	39,92%	
USAGE RATE			
	Number of services per year	13.455	
	Average occurrence per patient per day (services)	1,03	
	Average occurrence per patient per year (days)	1,64	
	Total average occurrence	1,69	
	Estimated number of patients (per year)	7.680	
	Standardised usage rate (per 100 000 insured persons)	67	
	Percentage of outpatient care	25,79%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	0 years	
	Max/min ratio ¹ of the median age (by district*)	NA	
	Percentage of women (patients)	52,17%	
	Ratio Preferential rate/General rate (patients)	0,92	
TRENDS			
	Trend ² (2013-2023)	0,83%	NS
	Trend ³ (2013-2021)	0,27%	NS
	Trend ³ (2021-2023)	3,08%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	28,67	NS
	Coefficient of variation ⁴ (2021-2023)	27,95	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,52	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,26	
DIRECT EXPENDITURE			
	Annual expenditure	502.462 €	
	Average annual expenditure per insured ⁵	0,04 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	4,1	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	6,83	
	Average annual expenditure per patient	65,42 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Imagerie_crane_et_cerveau_Echographie_transfontanellaire_2023.pdf](#)

Medical practice variations – SUMMARY

Head imaging (except angiography)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Radiology</i>	99,01%	
Main prescribers:	<i>Specialists in training</i>	17,53%	
USAGE RATE			
	Number of services per year	906.322	
	Average occurrence per patient per day (services)	1,04	
	Average occurrence per patient per year (days)	1,35	
	Total average occurrence	1,40	
	Estimated number of patients (per year)	648.225	
	Standardised usage rate (per 100 000 insured persons)	5.627	
	Percentage of outpatient care	75,01%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	55,73%	
	Ratio Preferential rate/General rate (patients)	1,43	
TRENDS			
	Trend ² (2013-2023)	-0,21%	**
	Trend ³ (2013-2021)	-1,19%	***
	Trend ³ (2021-2023)	3,80%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	10,07	NS
	Coefficient of variation ⁴ (2021-2023)	11,17	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,18	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,48	
DIRECT EXPENDITURE			
	Annual expenditure	87.518.992 €	
	Average annual expenditure per insured ⁵	7,6 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,15	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,46	
	Average annual expenditure per patient	135,01 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Imagerie de la tete sauf angiographie 2023.pdf](#)

Medical practice variations – SUMMARY

Brain SPECT

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Other specialities</i>	-	
Main prescribers:	<i>Other specialities</i>	-	
USAGE RATE			
	Number of services per year	11.259	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,05	
	Total average occurrence	1,06	
	Estimated number of patients (per year)	10.622	
	Standardised usage rate (per 100 000 insured persons)	92	
	Percentage of outpatient care	81,26%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	74 years	
	Max/min ratio ¹ of the median age (by district*)	1,12	
	Percentage of women (patients)	50,52%	
	Ratio Preferential rate/General rate (patients)	1,29	
TRENDS			
	Trend ² (2016-2023)	-1,89%	NS
	Trend ³ (2016-2021)	-2,58%	NS
	Trend ³ (2021-2023)	-0,13%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2016-2018)	66,04	NS
	Coefficient of variation ⁴ (2021-2023)	68,22	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,75	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	5,69	
DIRECT EXPENDITURE			
	Annual expenditure	4.618.028 €	
	Average annual expenditure per insured ⁵	0,4 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,52	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,17	
	Average annual expenditure per patient	434,74 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-SPECT_cerebral_2023.pdf](#)

Medical practice variations – SUMMARY

Stroke - Diagnosis and treatment planning

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurology	99,99%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	24.481	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,04	
	Total average occurrence	1,04	
	Estimated number of patients (per year)	23.500	
	Standardised usage rate (per 100 000 insured persons)	204	
	Percentage of outpatient care	0,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	75 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	49,33%	
	Ratio Preferential rate/General rate (patients)	1,31	
TRENDS			
	Trend ² (2013-2023)	6,60%	**
	Trend ³ (2013-2021)	7,71%	***
	Trend ³ (2021-2023)	2,24%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	55,04	NS
	Coefficient of variation ⁴ (2021-2023)	41,85	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,9	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	10,45	
DIRECT EXPENDITURE			
	Annual expenditure	2.907.044 €	
	Average annual expenditure per insured ⁵	0,25 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,93	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	10,76	
	Average annual expenditure per patient	123,71 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-AVC Diagnostic et plan de traitement 2023.pdf](#)

Medical practice variations – SUMMARY

Stroke coordination - Care plan

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurology	99,99%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	18.881	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,03	
	Total average occurrence	1,03	
	Estimated number of patients (per year)	18.270	
	Standardised usage rate (per 100 000 insured persons)	159	
	Percentage of outpatient care	0,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	75 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	49,03%	
	Ratio Preferential rate/General rate (patients)	1,34	
TRENDS			
	Trend ² (2013-2023)	7,27%	**
	Trend ³ (2013-2021)	8,54%	***
	Trend ³ (2021-2023)	2,36%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	52,12	NS
	Coefficient of variation ⁴ (2021-2023)	40,01	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,76	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	6,8	
DIRECT EXPENDITURE			
	Annual expenditure	2.241.344 €	
	Average annual expenditure per insured ⁵	0,19 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,77	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	6,89	
	Average annual expenditure per patient	122,68 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-AVC Plan de soins 2023.pdf](#)

Medical practice variations – SUMMARY

B. Peripheral nervous system

Nerve conduction velocity

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Physical medicine</i>	62,14%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	328.514	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,14	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	286.446	
	Standardised usage rate (per 100 000 insured persons)	2.486	
	Percentage of outpatient care	94,72%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	59,23%	
	Ratio Preferential rate/General rate (patients)	1,41	
TRENDS			
	Trend ² (2013-2023)	-0,75%	**
	Trend ³ (2013-2021)	-1,06%	NS
	Trend ³ (2021-2023)	0,51%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	26,81	NS
	Coefficient of variation ⁴ (2021-2023)	20,37	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,26	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,75	
DIRECT EXPENDITURE			
	Annual expenditure	15.679.209 €	
	Average annual expenditure per insured ⁵	1,36 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,19	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,69	
	Average annual expenditure per patient	54,74 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Vitesse de conduction nerveuse 2023.pdf](#)

Medical practice variations – SUMMARY

Carpal tunnel

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	80,24%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	36.348	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,13	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	31.670	
	Standardised usage rate (per 100 000 insured persons)	275	
	Percentage of outpatient care	97,89%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	62,00%	
	Ratio Preferential rate/General rate (patients)	1	
TRENDS			
	Trend ² (2013-2023)	2,34%	*
	Trend ³ (2013-2021)	1,88%	NS
	Trend ³ (2021-2023)	4,17%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	19,06	NS
	Coefficient of variation ⁴ (2021-2023)	19,34	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,03	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,86	
DIRECT EXPENDITURE			
	Annual expenditure	7.618.783 €	
	Average annual expenditure per insured ⁵	0,66 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,1	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,84	
	Average annual expenditure per patient	240,57 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Canal_Carprien_2023.pdf](#)

C. Global functions

Neuropsychological evaluation

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurology	69,81%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	15.374	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	15.324	
	Standardised usage rate (per 100 000 insured persons)	133	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	76 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	55,49%	
	Ratio Preferential rate/General rate (patients)	1,06	
TRENDS			
	Trend ² (2013-2023)	3,26%	NS
	Trend ³ (2013-2021)	1,56%	NS
	Trend ³ (2021-2023)	10,32%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	33,78	NS
	Coefficient of variation ⁴ (2021-2023)	31,09	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,42	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,74	
DIRECT EXPENDITURE			
	Annual expenditure	1.838.366 €	
	Average annual expenditure per insured ⁵	0,16 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,43	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,78	
	Average annual expenditure per patient	119,97 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Examen neuropsychologique 2023.pdf](#)

Medical practice variations – SUMMARY

Polysomnography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pneumology</i>	71,68%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	85.000	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	84.972	
	Standardised usage rate (per 100 000 insured persons)	738	
	Percentage of outpatient care	4,76%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	50 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	42,32%	
	Ratio Preferential rate/General rate (patients)	1,15	
TRENDS			
	Trend ² (2013-2023)	2,96%	***
	Trend ³ (2013-2021)	1,31%	**
	Trend ³ (2021-2023)	9,83%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	29,67	NS
	Coefficient of variation ⁴ (2021-2023)	24,69	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,6	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,58	
DIRECT EXPENDITURE			
	Annual expenditure	22.893.711 €	
	Average annual expenditure per insured ⁵	1,99 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,6	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,57	
	Average annual expenditure per patient	269,43 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Polysomnographie_2023.pdf](#)

3. SENSORY SYSTEM

A. Eyes

Visual field test

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,75%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	461.114	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,22	
	Total average occurrence	1,24	
	Estimated number of patients (per year)	372.007	
	Standardised usage rate (per 100 000 insured persons)	3.229	
	Percentage of outpatient care	99,35%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	66 years	
	Max/min ratio ¹ of the median age (by district*)	1,08	
	Percentage of women (patients)	57,02%	
	Ratio Preferential rate/General rate (patients)	0,85	
TRENDS			
	Trend ² (2013-2023)	1,34%	**
	Trend ³ (2013-2021)	0,70%	*
	Trend ³ (2021-2023)	3,92%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	33,51	NS
	Coefficient of variation ⁴ (2021-2023)	33,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,33	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,43	
DIRECT EXPENDITURE			
	Annual expenditure	12.647.494 €	
	Average annual expenditure per insured ⁵	1,1 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,26	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,11	
	Average annual expenditure per patient	34 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Perimetrie 2023.pdf](#)

Medical practice variations – SUMMARY

Refractometry

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,20%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	107.160	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,25	
	Total average occurrence	1,25	
	Estimated number of patients (per year)	86.921	
	Standardised usage rate (per 100 000 insured persons)	754	
	Percentage of outpatient care	91,11%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	27 years	
	Max/min ratio ¹ of the median age (by district*)	6,27	
	Percentage of women (patients)	52,95%	
	Ratio Preferential rate/General rate (patients)	1,33	
TRENDS			
	Trend ² (2013-2023)	-4,26%	**
	Trend ³ (2013-2021)	-4,84%	**
	Trend ³ (2021-2023)	-1,93%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	62,77	NS
	Coefficient of variation ⁴ (2021-2023)	58,42	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	3,12	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	8,57	
DIRECT EXPENDITURE			
	Annual expenditure	631.590 €	
	Average annual expenditure per insured ⁵	0,05 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,87	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	8,31	
	Average annual expenditure per patient	7,27 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Refractometrie_2023.pdf](#)

Medical practice variations – SUMMARY

Ophthalmoscopy - Anterior segment

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,70%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	3.851.745	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,64	
	Total average occurrence	1,64	
	Estimated number of patients (per year)	2.348.684	
	Standardised usage rate (per 100 000 insured persons)	20,387	
	Percentage of outpatient care	99,29%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	59 years	
	Max/min ratio ¹ of the median age (by district*)	1,31	
	Percentage of women (patients)	57,77%	
	Ratio Preferential rate/General rate (patients)	0,89	
TRENDS			
	Trend ² (2013-2023)	0,54%	*
	Trend ³ (2013-2021)	-0,10%	***
	Trend ³ (2021-2023)	3,16%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	8,67	NS
	Coefficient of variation ⁴ (2021-2023)	11,16	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,15	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,6	
DIRECT EXPENDITURE			
	Annual expenditure	31.569.857 €	
	Average annual expenditure per insured ⁵	2,74 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,08	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,53	
	Average annual expenditure per patient	13,44 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Ophthalmoscopie_Segment_anterieur_2023.pdf](#)

Medical practice variations – SUMMARY

Ophthalmoscopy - Fundoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,62%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	2.053.976	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,42	
	Total average occurrence	1,43	
	Estimated number of patients (per year)	1.438.755	
	Standardised usage rate (per 100 000 insured persons)	12,489	
	Percentage of outpatient care	98,69%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,65	
	Percentage of women (patients)	57,33%	
	Ratio Preferential rate/General rate (patients)	0,91	
TRENDS			
	Trend ² (2013-2023)	-0,92%	***
	Trend ³ (2013-2021)	-1,33%	**
	Trend ³ (2021-2023)	0,73%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	12,08	NS
	Coefficient of variation ⁴ (2021-2023)	21,45	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,32	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,45	
DIRECT EXPENDITURE			
	Annual expenditure	14.955.692 €	
	Average annual expenditure per insured ⁵	1,3 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,49	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,91	
	Average annual expenditure per patient	10,39 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Ophthalmoscopie Fond de loeil 2023.pdf](#)

Medical practice variations – SUMMARY

Endothelial cell counting

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,85%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	129.046	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,32	
	Total average occurrence	1,32	
	Estimated number of patients (per year)	97.730	
	Standardised usage rate (per 100 000 insured persons)	848	
	Percentage of outpatient care	99,19%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	73 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	57,53%	
	Ratio Preferential rate/General rate (patients)	1,02	
TRENDS			
	Trend ² (2013-2023)	4,44%	***
	Trend ³ (2013-2021)	3,18%	NS
	Trend ³ (2021-2023)	9,63%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	28,62	NS
	Coefficient of variation ⁴ (2021-2023)	20,09	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,23	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,18	
DIRECT EXPENDITURE			
	Annual expenditure	5.818.843 €	
	Average annual expenditure per insured ⁵	0,51 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,18	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,88	
	Average annual expenditure per patient	59,54 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Comptage_cellulaire_endothelial_2023.pdf](#)

Medical practice variations – SUMMARY

Ocular biometrics

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,87%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	160.757	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,36	
	Total average occurrence	1,37	
	Estimated number of patients (per year)	117.636	
	Standardised usage rate (per 100 000 insured persons)	1.021	
	Percentage of outpatient care	99,09%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	74 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	57,27%	
	Ratio Preferential rate/General rate (patients)	1,03	
TRENDS			
	Trend ² (2013-2023)	1,98%	***
	Trend ³ (2013-2021)	0,81%	**
	Trend ³ (2021-2023)	6,81%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	12,5	NS
	Coefficient of variation ⁴ (2021-2023)	9,7	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,03	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,55	
DIRECT EXPENDITURE			
	Annual expenditure	16.476.003 €	
	Average annual expenditure per insured ⁵	1,43 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,06	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,52	
	Average annual expenditure per patient	140,06 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Biometrie oculaire 2023.pdf](#)

Medical practice variations – SUMMARY

Ocular motility test

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,49%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	127.858	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,19	
	Total average occurrence	1,19	
	Estimated number of patients (per year)	107.521	
	Standardised usage rate (per 100 000 insured persons)	933	
	Percentage of outpatient care	99,45%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	11 years	
	Max/min ratio ¹ of the median age (by district*)	1,75	
	Percentage of women (patients)	53,65%	
	Ratio Preferential rate/General rate (patients)	1,36	
TRENDS			
	Trend ² (2013-2023)	7,51%	***
	Trend ³ (2013-2021)	7,55%	NS
	Trend ³ (2021-2023)	7,34%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	36,37	NS
	Coefficient of variation ⁴ (2021-2023)	67,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	3,2	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	6,44	
DIRECT EXPENDITURE			
	Annual expenditure	2.335.615 €	
	Average annual expenditure per insured ⁵	0,2 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,84	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,11	
	Average annual expenditure per patient	21,72 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Test_mobilite_oculaire_2023.pdf](#)

Medical practice variations – SUMMARY

Ocular tonometry

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,76%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	1.734.894	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,58	
	Total average occurrence	1,58	
	Estimated number of patients (per year)	1.100.113	
	Standardised usage rate (per 100 000 insured persons)	9.549	
	Percentage of outpatient care	98,82%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	64 years	
	Max/min ratio ¹ of the median age (by district*)	1,24	
	Percentage of women (patients)	58,11%	
	Ratio Preferential rate/General rate (patients)	0,95	
TRENDS			
	Trend ² (2013-2023)	2,66%	**
	Trend ³ (2013-2021)	1,50%	***
	Trend ³ (2021-2023)	7,40%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	25,19	NS
	Coefficient of variation ⁴ (2021-2023)	31,59	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,76	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,6	
DIRECT EXPENDITURE			
	Annual expenditure	12.586.151 €	
	Average annual expenditure per insured ⁵	1,09 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,74	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,52	
	Average annual expenditure per patient	11,44 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dynamo Tonometrie 2023.pdf](#)

Medical practice variations – SUMMARY

Keratometry

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,59%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	22.451	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,15	
	Total average occurrence	1,16	
	Estimated number of patients (per year)	19.457	
	Standardised usage rate (per 100 000 insured persons)	169	
	Percentage of outpatient care	99,80%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	45 years	
	Max/min ratio ¹ of the median age (by district*)	1,94	
	Percentage of women (patients)	51,26%	
	Ratio Preferential rate/General rate (patients)	0,93	
TRENDS			
	Trend ² (2013-2023)	3,07%	NS
	Trend ³ (2013-2021)	1,04%	NS
	Trend ³ (2021-2023)	11,61%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	157,8	NS
	Coefficient of variation ⁴ (2021-2023)	67,95	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,16	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	5,28	
DIRECT EXPENDITURE			
	Annual expenditure	242.277 €	
	Average annual expenditure per insured ⁵	0,02 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,2	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,45	
	Average annual expenditure per patient	12,45 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Keratometrie_topographique_2023.pdf](#)

Medical practice variations – SUMMARY

Angiography of the retina

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,87%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	65.782	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,21	
	Total average occurrence	1,22	
	Estimated number of patients (per year)	53.978	
	Standardised usage rate (per 100 000 insured persons)	469	
	Percentage of outpatient care	98,71%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	71 years	
	Max/min ratio ¹ of the median age (by district*)	1,12	
	Percentage of women (patients)	50,19%	
	Ratio Preferential rate/General rate (patients)	1,41	
TRENDS			
	Trend ² (2013-2023)	-1,13%	NS
	Trend ³ (2013-2021)	-1,69%	NS
	Trend ³ (2021-2023)	1,13%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	28,3	NS
	Coefficient of variation ⁴ (2021-2023)	49	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,46	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	6,46	
DIRECT EXPENDITURE			
	Annual expenditure	13.249.753 €	
	Average annual expenditure per insured ⁵	1,15 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,38	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,75	
	Average annual expenditure per patient	245,47 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Angiographie_retine_2023.pdf](#)

Medical practice variations – SUMMARY

Visual evoked potentials

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurology	82,38%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	28.098	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,09	
	Total average occurrence	1,09	
	Estimated number of patients (per year)	25.798	
	Standardised usage rate (per 100 000 insured persons)	224	
	Percentage of outpatient care	80,22%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	51 years	
	Max/min ratio ¹ of the median age (by district*)	1,45	
	Percentage of women (patients)	61,26%	
	Ratio Preferential rate/General rate (patients)	1,55	
TRENDS			
	Trend ² (2013-2023)	-1,51%	*
	Trend ³ (2013-2021)	-1,74%	NS
	Trend ³ (2021-2023)	-0,56%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	57,05	NS
	Coefficient of variation ⁴ (2021-2023)	45,19	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,97	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	7,31	
DIRECT EXPENDITURE			
	Annual expenditure	2.614.662 €	
	Average annual expenditure per insured ⁵	0,23 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,96	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	7,28	
	Average annual expenditure per patient	101,35 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Potentiels_evoques_visuels_2023.pdf](#)

Medical practice variations – SUMMARY

Cataract surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,92%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	245.786	
	Average occurrence per patient per day (services)	1,06	
	Average occurrence per patient per year (days)	1,50	
	Total average occurrence	1,59	
	Estimated number of patients (per year)	154.541	
	Standardised usage rate (per 100 000 insured persons)	1.341	
	Percentage of outpatient care	97,61%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	75 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	58,43%	
	Ratio Preferential rate/General rate (patients)	1,02	
TRENDS			
	Trend ² (2013-2023)	1,92%	***
	Trend ³ (2013-2021)	0,69%	***
	Trend ³ (2021-2023)	6,97%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	13,18	NS
	Coefficient of variation ⁴ (2021-2023)	11,62	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,1	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,58	
DIRECT EXPENDITURE			
	Annual expenditure	132.541.704 €	
	Average annual expenditure per insured ⁵	11,5 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,07	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,56	
	Average annual expenditure per patient	857,65 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Chirurgie de la cataracte 2023.pdf](#)

Medical practice variations – SUMMARY

Glaucoma surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,95%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	44.138	
	Average occurrence per patient per day (services)	1,31	
	Average occurrence per patient per year (days)	1,40	
	Total average occurrence	1,84	
	Estimated number of patients (per year)	23.938	
	Standardised usage rate (per 100 000 insured persons)	208	
	Percentage of outpatient care	96,81%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	66 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	60,28%	
	Ratio Preferential rate/General rate (patients)	0,94	
TRENDS			
	Trend ² (2013-2023)	4,24%	***
	Trend ³ (2013-2021)	3,51%	**
	Trend ³ (2021-2023)	7,21%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	38,64	NS
	Coefficient of variation ⁴ (2021-2023)	39,16	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,64	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,11	
DIRECT EXPENDITURE			
	Annual expenditure	5.276.502 €	
	Average annual expenditure per insured ⁵	0,46 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,46	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,07	
	Average annual expenditure per patient	220,42 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Glaucome Traitement chirurgical 2023.pdf](#)

Medical practice variations – SUMMARY

Intravitreal injection

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,87%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	230.649	
	Average occurrence per patient per day (services)	1,13	
	Average occurrence per patient per year (days)	4,31	
	Total average occurrence	4,86	
	Estimated number of patients (per year)	47.310	
	Standardised usage rate (per 100 000 insured persons)	411	
	Percentage of outpatient care	99,01%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	79 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	55,75%	
	Ratio Preferential rate/General rate (patients)	1,1	
TRENDS			
	Trend ² (2013-2023)	9,78%	***
	Trend ³ (2013-2021)	11,07%	***
	Trend ³ (2021-2023)	4,80%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	17,79	NS
	Coefficient of variation ⁴ (2021-2023)	15,37	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,09	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,74	
DIRECT EXPENDITURE			
	Annual expenditure	21.738.942 €	
	Average annual expenditure per insured ⁵	1,89 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,11	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,89	
	Average annual expenditure per patient	459,5 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Injection_intravitreenne_2023.pdf](#)

Medical practice variations – SUMMARY

Vitrectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,96%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	13.100	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,24	
	Total average occurrence	1,25	
	Estimated number of patients (per year)	10.645	
	Standardised usage rate (per 100 000 insured persons)	92	
	Percentage of outpatient care	54,04%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	68 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	45,10%	
	Ratio Preferential rate/General rate (patients)	0,96	
TRENDS			
	Trend ² (2013-2023)	3,76%	***
	Trend ³ (2013-2021)	2,75%	*
	Trend ³ (2021-2023)	7,88%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	17,99	NS
	Coefficient of variation ⁴ (2021-2023)	13,77	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,17	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,67	
DIRECT EXPENDITURE			
	Annual expenditure	13.700.532 €	
	Average annual expenditure per insured ⁵	1,19 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,26	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,73	
	Average annual expenditure per patient	1287,09 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Vitrectomie 2023.pdf](#)

Medical practice variations – SUMMARY

Panretinal photocoagulation

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Ophthalmological surgery</i>	99,72%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	19.882	
	Average occurrence per patient per day (services)	1,06	
	Average occurrence per patient per year (days)	1,79	
	Total average occurrence	1,89	
	Estimated number of patients (per year)	10.656	
	Standardised usage rate (per 100 000 insured persons)	92	
	Percentage of outpatient care	98,43%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	65 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	43,51%	
	Ratio Preferential rate/General rate (patients)	1,47	
TRENDS			
	Trend ² (2013-2023)	-3,27%	***
	Trend ³ (2013-2021)	-3,94%	NS
	Trend ³ (2021-2023)	-0,55%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	28,92	NS
	Coefficient of variation ⁴ (2021-2023)	24,97	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,63	
DIRECT EXPENDITURE			
	Annual expenditure	1.574.944 €	
	Average annual expenditure per insured ⁵	0,14 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,59	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,72	
	Average annual expenditure per patient	147,81 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Photocoagulation de la retine 2023.pdf](#)

B. Ears

Tympanoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Otorhinolaryngology	99,97%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	1.356.282	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,52	
	Total average occurrence	1,55	
	Estimated number of patients (per year)	870.949	
	Standardised usage rate (per 100 000 insured persons)	7.560	
	Percentage of outpatient care	98,33%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	45 years	
	Max/min ratio ¹ of the median age (by district*)	1,51	
	Percentage of women (patients)	52,52%	
	Ratio Preferential rate/General rate (patients)	1,07	
TRENDS			
	Trend ² (2013-2023)	1,72%	***
	Trend ³ (2013-2021)	0,30%	***
	Trend ³ (2021-2023)	7,60%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	18,1	NS
	Coefficient of variation ⁴ (2021-2023)	16,65	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,85	
DIRECT EXPENDITURE			
	Annual expenditure	12.781.844 €	
	Average annual expenditure per insured ⁵	1,11 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,28	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,71	
	Average annual expenditure per patient	14,68 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Tympanoscopie_2023.pdf](#)

Medical practice variations – SUMMARY

Hearing tests

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	98,12%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	1.431.423	
	Average occurrence per patient per day (services)	1,65	
	Average occurrence per patient per year (days)	1,35	
	Total average occurrence	2,22	
	Estimated number of patients (per year)	643.974	
	Standardised usage rate (per 100 000 insured persons)	5.590	
	Percentage of outpatient care	97,49%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	47 years	
	Max/min ratio ¹ of the median age (by district*)	1,68	
	Percentage of women (patients)	52,78%	
	Ratio Preferential rate/General rate (patients)	1,11	
TRENDS			
	Trend ² (2013-2023)	1,59%	***
	Trend ³ (2013-2021)	0,20%	***
	Trend ³ (2021-2023)	7,37%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	29,76	NS
	Coefficient of variation ⁴ (2021-2023)	25,15	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,52	
DIRECT EXPENDITURE			
	Annual expenditure	39.248.491 €	
	Average annual expenditure per insured ⁵	3,41 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,77	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,65	
	Average annual expenditure per patient	60,95 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Tests auditifs 2023.pdf](#)

Medical practice variations – SUMMARY

Vestibular tests

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	99,95%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	90.363	
	Average occurrence per patient per day (services)	1,07	
	Average occurrence per patient per year (days)	1,42	
	Total average occurrence	1,52	
	Estimated number of patients (per year)	59.772	
	Standardised usage rate (per 100 000 insured persons)	519	
	Percentage of outpatient care	93,32%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	61 years	
	Max/min ratio ¹ of the median age (by district*)	1,18	
	Percentage of women (patients)	64,49%	
	Ratio Preferential rate/General rate (patients)	1,21	
TRENDS			
	Trend ² (2013-2023)	5,50%	***
	Trend ³ (2013-2021)	5,86%	NS
	Trend ³ (2021-2023)	4,08%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	26,93	NS
	Coefficient of variation ⁴ (2021-2023)	24,35	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,75	
DIRECT EXPENDITURE			
	Annual expenditure	4.612.818 €	
	Average annual expenditure per insured ⁵	0,4 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,26	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,75	
	Average annual expenditure per patient	77,17 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Tests vestibulaires 2023.pdf](#)

Medical practice variations – SUMMARY

Middle ear drainage

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	99,95%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	53.549	
	Average occurrence per patient per day (services)	1,05	
	Average occurrence per patient per year (days)	1,12	
	Total average occurrence	1,18	
	Estimated number of patients (per year)	45.785	
	Standardised usage rate (per 100 000 insured persons)	397	
	Percentage of outpatient care	97,16%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	4 years	
	Max/min ratio ¹ of the median age (by district*)	1,67	
	Percentage of women (patients)	45,08%	
	Ratio Preferential rate/General rate (patients)	0,67	
TRENDS			
	Trend ² (2013-2023)	0,31%	***
	Trend ³ (2013-2021)	-5,90%	***
	Trend ³ (2021-2023)	29,51%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	35,66	NS
	Coefficient of variation ⁴ (2021-2023)	35,38	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,38	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,8	
DIRECT EXPENDITURE			
	Annual expenditure	4.371.292 €	
	Average annual expenditure per insured ⁵	0,38 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,78	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,62	
	Average annual expenditure per patient	95,47 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Drainage de l'oreille moyenne 2023.pdf](#)

4. RESPIRATORY SYSTEM

A. Upper respiratory tract

Rhinometry

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Otorhinolaryngology	99,66%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	57.312	
	Average occurrence per patient per day (services)	1,29	
	Average occurrence per patient per year (days)	1,16	
	Total average occurrence	1,50	
	Estimated number of patients (per year)	38.342	
	Standardised usage rate (per 100 000 insured persons)	333	
	Percentage of outpatient care	98,96%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	39 years	
	Max/min ratio ¹ of the median age (by district*)	1,35	
	Percentage of women (patients)	49,05%	
	Ratio Preferential rate/General rate (patients)	1,26	
TRENDS			
	Trend ² (2013-2023)	-1,24%	NS
	Trend ³ (2013-2021)	-3,24%	NS
	Trend ³ (2021-2023)	7,19%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	65,71	NS
	Coefficient of variation ⁴ (2021-2023)	54,87	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	3,2	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	10,17	
DIRECT EXPENDITURE			
	Annual expenditure	1.959.409 €	
	Average annual expenditure per insured ⁵	0,17 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	3,59	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	10,1	
	Average annual expenditure per patient	51,1 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Rhinometrie 2023.pdf](#)

Medical practice variations – SUMMARY

Rhinology

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Otorhinolaryngology	99,67%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	340.886	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,44	
	Total average occurrence	1,44	
	Estimated number of patients (per year)	236.730	
	Standardised usage rate (per 100 000 insured persons)	2.055	
	Percentage of outpatient care	97,80%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	41 years	
	Max/min ratio ¹ of the median age (by district*)	1,59	
	Percentage of women (patients)	50,30%	
	Ratio Preferential rate/General rate (patients)	1,07	
TRENDS			
	Trend ² (2013-2023)	1,34%	***
	Trend ³ (2013-2021)	-0,24%	***
	Trend ³ (2021-2023)	7,90%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	23,56	NS
	Coefficient of variation ⁴ (2021-2023)	20,17	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,41	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,38	
DIRECT EXPENDITURE			
	Annual expenditure	9.509.260 €	
	Average annual expenditure per insured ⁵	0,83 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,31	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,23	
	Average annual expenditure per patient	40,17 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Rhinoscopie_2023.pdf](#)

Medical practice variations – SUMMARY

Voice function

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	99,98%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	57.052	
	Average occurrence per patient per day (services)	1,22	
	Average occurrence per patient per year (days)	1,34	
	Total average occurrence	1,64	
	Estimated number of patients (per year)	34.877	
	Standardised usage rate (per 100 000 insured persons)	303	
	Percentage of outpatient care	97,54%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,21	
	Percentage of women (patients)	58,45%	
	Ratio Preferential rate/General rate (patients)	1,09	
TRENDS			
	Trend ² (2013-2023)	4,76%	*
	Trend ³ (2013-2021)	4,26%	NS
	Trend ³ (2021-2023)	6,79%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	72,5	NS
	Coefficient of variation ⁴ (2021-2023)	51,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,24	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,74	
DIRECT EXPENDITURE			
	Annual expenditure	3.184.231 €	
	Average annual expenditure per insured ⁵	0,28 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,24	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,17	
	Average annual expenditure per patient	91,3 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Fonction_vocale_2023.pdf](#)

Medical practice variations – SUMMARY

Laryngoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	98,75%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	324.305	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,36	
	Total average occurrence	1,39	
	Estimated number of patients (per year)	234.601	
	Standardised usage rate (per 100 000 insured persons)	2,036	
	Percentage of outpatient care	91,65%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	53 years	
	Max/min ratio ¹ of the median age (by district*)	1,33	
	Percentage of women (patients)	52,81%	
	Ratio Preferential rate/General rate (patients)	1,19	
TRENDS			
	Trend ² (2013-2023)	1,17%	*
	Trend ³ (2013-2021)	0,01%	NS
	Trend ³ (2021-2023)	5,93%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	37,48	NS
	Coefficient of variation ⁴ (2021-2023)	28,39	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,72	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,6	
DIRECT EXPENDITURE			
	Annual expenditure	12.277.572 €	
	Average annual expenditure per insured ⁵	1,07 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,65	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,37	
	Average annual expenditure per patient	52,33 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Laryngoscopie_2023.pdf](#)

Medical practice variations – SUMMARY

Sinus endoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	99,93%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	47.497	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,84	
	Total average occurrence	1,84	
	Estimated number of patients (per year)	25.997	
	Standardised usage rate (per 100 000 insured persons)	226	
	Percentage of outpatient care	98,11%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	53 years	
	Max/min ratio ¹ of the median age (by district*)	1,16	
	Percentage of women (patients)	48,48%	
	Ratio Preferential rate/General rate (patients)	1,15	
TRENDS			
	Trend ² (2013-2023)	2,18%	**
	Trend ³ (2013-2021)	1,14%	NS
	Trend ³ (2021-2023)	6,47%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	55,71	NS
	Coefficient of variation ⁴ (2021-2023)	34,43	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,83	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	6,19	
DIRECT EXPENDITURE			
	Annual expenditure	4.159.638 €	
	Average annual expenditure per insured ⁵	0,36 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,56	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,85	
	Average annual expenditure per patient	160 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Endoscopie sinusale 2023.pdf](#)

Medical practice variations – SUMMARY

Removal of foreign bodies

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General practitioners	71,25%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	67.332	
	Average occurrence per patient per day (services)	1,03	
	Average occurrence per patient per year (days)	1,11	
	Total average occurrence	1,14	
	Estimated number of patients (per year)	59.230	
	Standardised usage rate (per 100 000 insured persons)	514	
	Percentage of outpatient care	99,12%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	53 years	
	Max/min ratio ¹ of the median age (by district*)	1,78	
	Percentage of women (patients)	49,09%	
	Ratio Preferential rate/General rate (patients)	1,17	
TRENDS			
	Trend ² (2013-2023)	3,10%	***
	Trend ³ (2013-2021)	2,62%	NS
	Trend ³ (2021-2023)	5,02%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	51,51	NS
	Coefficient of variation ⁴ (2021-2023)	38,99	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,68	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,32	
DIRECT EXPENDITURE			
	Annual expenditure	641.389 €	
	Average annual expenditure per insured ⁵	0,06 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,65	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4	
	Average annual expenditure per patient	10,83 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Extraction_de_corps_etrangers_2023.pdf](#)

Medical practice variations – SUMMARY

Epistaxis

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	87,10%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	35.686	
	Average occurrence per patient per day (services)	1,11	
	Average occurrence per patient per year (days)	1,25	
	Total average occurrence	1,38	
	Estimated number of patients (per year)	25.894	
	Standardised usage rate (per 100 000 insured persons)	225	
	Percentage of outpatient care	94,78%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	52 years	
	Max/min ratio ¹ of the median age (by district*)	1,76	
	Percentage of women (patients)	40,63%	
	Ratio Preferential rate/General rate (patients)	1,02	
TRENDS			
	Trend ² (2013-2023)	-0,23%	NS
	Trend ³ (2013-2021)	0,37%	*
	Trend ³ (2021-2023)	-2,57%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	22,57	NS
	Coefficient of variation ⁴ (2021-2023)	20,4	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,51	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,51	
DIRECT EXPENDITURE			
	Annual expenditure	191.913 €	
	Average annual expenditure per insured ⁵	0,02 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,94	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,56	
	Average annual expenditure per patient	7,41 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Epistaxis_2023.pdf](#)

Medical practice variations – SUMMARY

Internal rhinoplasty

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	90,71%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	33.271	
	Average occurrence per patient per day (services)	1,54	
	Average occurrence per patient per year (days)	1,03	
	Total average occurrence	1,59	
	Estimated number of patients (per year)	20.835	
	Standardised usage rate (per 100 000 insured persons)	181	
	Percentage of outpatient care	55,79%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	34 years	
	Max/min ratio ¹ of the median age (by district*)	1,29	
	Percentage of women (patients)	45,57%	
	Ratio Preferential rate/General rate (patients)	1,06	
TRENDS			
	Trend ² (2013-2023)	0,29%	NS
	Trend ³ (2013-2021)	-0,17%	NS
	Trend ³ (2021-2023)	2,16%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	48,09	NS
	Coefficient of variation ⁴ (2021-2023)	18,6	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,54	
DIRECT EXPENDITURE			
	Annual expenditure	5.764.396 €	
	Average annual expenditure per insured ⁵	0,5 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,16	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,56	
	Average annual expenditure per patient	276,67 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Plasties internes du nez 2023.pdf](#)

Medical practice variations – SUMMARY

Sinusitis surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	97,19%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	14.962	
	Average occurrence per patient per day (services)	1,57	
	Average occurrence per patient per year (days)	1,08	
	Total average occurrence	1,70	
	Estimated number of patients (per year)	8.834	
	Standardised usage rate (per 100 000 insured persons)	77	
	Percentage of outpatient care	55,79%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	46 years	
	Max/min ratio ¹ of the median age (by district*)	1,22	
	Percentage of women (patients)	45,58%	
	Ratio Preferential rate/General rate (patients)	0,92	
TRENDS			
	Trend ² (2013-2023)	-3,40%	***
	Trend ³ (2013-2021)	-5,90%	NS
	Trend ³ (2021-2023)	7,28%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	39,32	NS
	Coefficient of variation ⁴ (2021-2023)	28,52	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,32	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,96	
DIRECT EXPENDITURE			
	Annual expenditure	5.804.820 €	
	Average annual expenditure per insured ⁵	0,5 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,49	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,93	
	Average annual expenditure per patient	657,07 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Chirurgie de la sinusite 2023.pdf](#)

Medical practice variations – SUMMARY

Tonsillectomy-Adenoidectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	99,96%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	40.152	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,01	
	Total average occurrence	1,01	
	Estimated number of patients (per year)	39.651	
	Standardised usage rate (per 100 000 insured persons)	344	
	Percentage of outpatient care	86,95%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	5 years	
	Max/min ratio ¹ of the median age (by district*)	1	
	Percentage of women (patients)	48,89%	
	Ratio Preferential rate/General rate (patients)	0,86	
TRENDS			
	Trend ² (2013-2023)	-1,07%	***
	Trend ³ (2013-2021)	-6,00%	***
	Trend ³ (2021-2023)	21,38%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	18,3	NS
	Coefficient of variation ⁴ (2021-2023)	20,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,6	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,25	
DIRECT EXPENDITURE			
	Annual expenditure	5.541.500 €	
	Average annual expenditure per insured ⁵	0,48 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,57	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,25	
	Average annual expenditure per patient	139,76 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Amygdalectomie-Adenoidectomie_2023.pdf](#)

B. Lower respiratory tract

Pulmonary function tests

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pneumology</i>	87,11%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	698.735	
	Average occurrence per patient per day (services)	1,03	
	Average occurrence per patient per year (days)	1,40	
	Total average occurrence	1,44	
	Estimated number of patients (per year)	484.425	
	Standardised usage rate (per 100 000 insured persons)	4,205	
	Percentage of outpatient care	93,55%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,2	
	Percentage of women (patients)	48,71%	
	Ratio Preferential rate/General rate (patients)	1,46	
TRENDS			
	Trend ² (2013-2023)	0,58%	NS
	Trend ³ (2013-2021)	-0,93%	***
	Trend ³ (2021-2023)	6,88%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	18,81	NS
	Coefficient of variation ⁴ (2021-2023)	19,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,38	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,23	
DIRECT EXPENDITURE			
	Annual expenditure	72.719.700 €	
	Average annual expenditure per insured ⁵	6,31 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,5	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,95	
	Average annual expenditure per patient	150,12 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Epreuve fonctionnelle respiratoire 2023.pdf](#)

Medical practice variations – SUMMARY

Thoracic radiography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	99,74%	
Main prescribers:	Specialists in training	25,69%	
USAGE RATE			
	Number of services per year	1.618.329	
	Average occurrence per patient per day (services)	1,04	
	Average occurrence per patient per year (days)	1,91	
	Total average occurrence	1,99	
	Estimated number of patients (per year)	816.367	
	Standardised usage rate (per 100 000 insured persons)	7.086	
	Percentage of outpatient care	45,68%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	64 years	
	Max/min ratio ¹ of the median age (by district*)	1,17	
	Percentage of women (patients)	50,64%	
	Ratio Preferential rate/General rate (patients)	1,46	
TRENDS			
	Trend ² (2013-2023)	-4,11%	***
	Trend ³ (2013-2021)	-5,89%	**
	Trend ³ (2021-2023)	3,37%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	10,42	NS
	Coefficient of variation ⁴ (2021-2023)	13,68	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,15	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,5	
DIRECT EXPENDITURE			
	Annual expenditure	23.484.059 €	
	Average annual expenditure per insured ⁵	2,04 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,16	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,31	
	Average annual expenditure per patient	28,77 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Radiographie du thorax 2023.pdf](#)

Medical practice variations – SUMMARY

Thoracic CT-scan

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	99,95%	
Main prescribers:	Pneumology	29,24%	
USAGE RATE			
	Number of services per year	436.716	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,27	
	Total average occurrence	1,27	
	Estimated number of patients (per year)	343.354	
	Standardised usage rate (per 100 000 insured persons)	2.980	
	Percentage of outpatient care	77,53%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	66 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	49,06%	
	Ratio Preferential rate/General rate (patients)	1,6	
TRENDS			
	Trend ² (2013-2023)	4,16%	***
	Trend ³ (2013-2021)	6,95%	NS
	Trend ³ (2021-2023)	-6,31%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	26,74	NS
	Coefficient of variation ⁴ (2021-2023)	27	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,55	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,52	
DIRECT EXPENDITURE			
	Annual expenditure	63.712.169 €	
	Average annual expenditure per insured ⁵	5,53 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,61	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,66	
	Average annual expenditure per patient	185,56 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-CT-scan_thorax_2023.pdf](#)

Medical practice variations – SUMMARY

Bronchoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pneumology</i>	93,82%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	43.078	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,31	
	Total average occurrence	1,32	
	Estimated number of patients (per year)	32.677	
	Standardised usage rate (per 100 000 insured persons)	284	
	Percentage of outpatient care	46,49%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	68 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	40,95%	
	Ratio Preferential rate/General rate (patients)	2	
TRENDS			
	Trend ² (2013-2023)	-2,82%	***
	Trend ³ (2013-2021)	-4,24%	NS
	Trend ³ (2021-2023)	3,11%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	27,29	NS
	Coefficient of variation ⁴ (2021-2023)	21,6	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,24	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,29	
DIRECT EXPENDITURE			
	Annual expenditure	9.786.290 €	
	Average annual expenditure per insured ⁵	0,85 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,3	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,45	
	Average annual expenditure per patient	299,49 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Bronchoscopie_2023.pdf](#)

5. DIGESTIVE SYSTEM

A. Mouth, jaw & teeth

Dental imaging

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	82,26%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	4.149.376	
	Average occurrence per patient per day (services)	1,48	
	Average occurrence per patient per year (days)	1,24	
	Total average occurrence	1,83	
	Estimated number of patients (per year)	2.265.619	
	Standardised usage rate (per 100 000 insured persons)	19.666	
	Percentage of outpatient care	99,82%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	41 years	
	Max/min ratio ¹ of the median age (by district*)	1,16	
	Percentage of women (patients)	52,96%	
	Ratio Preferential rate/General rate (patients)	0,88	
TRENDS			
	Trend ² (2013-2023)	0,83%	***
	Trend ³ (2013-2021)	1,24%	NS
	Trend ³ (2021-2023)	-0,76%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	15,49	NS
	Coefficient of variation ⁴ (2021-2023)	12,85	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,17	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,43	
DIRECT EXPENDITURE			
	Annual expenditure	81.115.743 €	
	Average annual expenditure per insured ⁵	7,04 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,21	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,46	
	Average annual expenditure per patient	35,8 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Imagerie_dentaire_2023.pdf](#)

Medical practice variations – SUMMARY

Preventive dental care

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	93,76%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	11.046.892	
	Average occurrence per patient per day (services)	1,93	
	Average occurrence per patient per year (days)	1,20	
	Total average occurrence	2,31	
	Estimated number of patients (per year)	4.801.424	
	Standardised usage rate (per 100 000 insured persons)	41,677	
	Percentage of outpatient care	99,97%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	40 years	
	Max/min ratio ¹ of the median age (by district*)	1,17	
	Percentage of women (patients)	54,05%	
	Ratio Preferential rate/General rate (patients)	0,68	
TRENDS			
	Trend ² (2013-2023)	2,08%	***
	Trend ³ (2013-2021)	1,52%	NS
	Trend ³ (2021-2023)	4,38%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	22,47	NS
	Coefficient of variation ⁴ (2021-2023)	16,53	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,26	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,87	
DIRECT EXPENDITURE			
	Annual expenditure	342.037.374 €	
	Average annual expenditure per insured ⁵	29,69 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,29	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,09	
	Average annual expenditure per patient	71,24 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Soins_preventifs_2023.pdf](#)

Medical practice variations – SUMMARY

Periodontal examination (19-60 years)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Periodontologists</i>	64,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	27.732	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	27.731	
	Standardised usage rate (per 100 000 insured persons)	455	
	Percentage of outpatient care	99,98%	
POPULATION			
	% of the selected population compared to the total number of insured people	52,95%	
	Median age of patients	45 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	59,29%	
	Ratio Preferential rate/General rate (patients)	0,86	
TRENDS			
	Trend ² (2013-2023)	20,16%	***
	Trend ³ (2013-2021)	18,14%	NS
	Trend ³ (2021-2023)	28,57%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	41,22	NS
	Coefficient of variation ⁴ (2021-2023)	38,95	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,55	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	6,7	
DIRECT EXPENDITURE			
	Annual expenditure	3.234.358 €	
	Average annual expenditure per insured ⁵	0,53 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,56	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	6,7	
	Average annual expenditure per patient	116,63 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Examen_buccal_parodontal_19-60_2023.pdf](#)

Medical practice variations – SUMMARY

Periodontal index (DPSI)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Dentists</i>	90,44%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	1.466.254	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	1.466.216	
	Standardised usage rate (per 100 000 insured persons)	12.727	
	Percentage of outpatient care	99,98%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	45 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	55,56%	
	Ratio Preferential rate/General rate (patients)	0,72	
TRENDS			
	Trend ² (2013-2023)	21,64%	***
	Trend ³ (2013-2021)	19,37%	***
	Trend ³ (2021-2023)	31,18%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	38,09	NS
	Coefficient of variation ⁴ (2021-2023)	34	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,46	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,54	
DIRECT EXPENDITURE			
	Annual expenditure	34.613.938 €	
	Average annual expenditure per insured ⁵	3 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,45	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,56	
	Average annual expenditure per patient	23,61 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Index_parodontal_DPSI_2023.pdf](#)

Medical practice variations – SUMMARY

Filling of dental cavities

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	95,16%	
Main prescribers:	Not applicable	-	
USAGE RATE			
Number of services per year		6.077.067	
Average occurrence per patient per day (services)		1,47	
Average occurrence per patient per year (days)		1,63	
Total average occurrence		2,40	
Estimated number of patients (per year)		2.522.538	
Standardised usage rate (per 100 000 insured persons)		21.896	
Percentage of outpatient care		99,93%	
POPULATION			
% of the selected population compared to the total number of insured people		100,00%	
Median age of patients		46 years	
Max/min ratio ¹ of the median age (by district*)		1,14	
Percentage of women (patients)		51,99%	
Ratio Preferential rate/General rate (patients)		0,92	
TRENDS			
Trend ² (2013-2023)		-0,78%	***
Trend ³ (2013-2021)		-1,00%	NS
Trend ³ (2021-2023)		0,08%	
GEOGRAPHICAL VARIATIONS			
Coefficient of variation ⁴ (2013-2015)		9,44	NS
Coefficient of variation ⁴ (2021-2023)		8,87	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)		1,07	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)		1,32	
DIRECT EXPENDITURE			
Annual expenditure		378.761.706 €	
Average annual expenditure per insured ⁵		32,88 €	
Max/Min Ratio ¹ of expenditure per insured (by region)		1,34	
Max/Min Ratio ¹ of expenditure per insured (by district*)		1,39	
Average annual expenditure per patient		150,15 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
Variations in practice coding ⁶ (by province)		Yes	***
Variations in the choice of practice alternatives ⁶ (by province)		Yes	***

Link to the report: [RAPPORT-EN-Obturation de cavites 2023.pdf](#)

Medical practice variations – SUMMARY

Preformed crowns

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	99,31%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	22.116	
	Average occurrence per patient per day (services)	2,37	
	Average occurrence per patient per year (days)	1,12	
	Total average occurrence	2,64	
	Estimated number of patients (per year)	8.371	
	Standardised usage rate (per 100 000 insured persons)	349	
	Percentage of outpatient care	99,53%	
POPULATION			
	% of the selected population compared to the total number of insured people	20,82%	
	Median age of patients	6 years	
	Max/min ratio ¹ of the median age (by district*)	1	
	Percentage of women (patients)	45,81%	
	Ratio Preferential rate/General rate (patients)	1,45	
TRENDS			
	Trend ² (2013-2023)	12,86%	**
	Trend ³ (2013-2021)	13,98%	NS
	Trend ³ (2021-2023)	8,51%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	73,41	NS
	Coefficient of variation ⁴ (2021-2023)	64,46	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,68	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	24,61	
DIRECT EXPENDITURE			
	Annual expenditure	3.061.652 €	
	Average annual expenditure per insured ⁵	1,28 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,82	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	28,37	
	Average annual expenditure per patient	365,74 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Couronnes preformees moins de 19 2023.pdf](#)

Medical practice variations – SUMMARY

Endodontics

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	94,36%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	599.178	
	Average occurrence per patient per day (services)	1,04	
	Average occurrence per patient per year (days)	1,41	
	Total average occurrence	1,47	
	Estimated number of patients (per year)	407.464	
	Standardised usage rate (per 100 000 insured persons)	3.537	
	Percentage of outpatient care	99,94%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	46 years	
	Max/min ratio ¹ of the median age (by district*)	1,17	
	Percentage of women (patients)	50,14%	
	Ratio Preferential rate/General rate (patients)	1,29	
TRENDS			
	Trend ² (2013-2023)	0,57%	***
	Trend ³ (2013-2021)	1,55%	***
	Trend ³ (2021-2023)	-3,26%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	23,25	NS
	Coefficient of variation ⁴ (2021-2023)	23,18	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,66	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,18	
DIRECT EXPENDITURE			
	Annual expenditure	73.354.635 €	
	Average annual expenditure per insured ⁵	6,37 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,81	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,25	
	Average annual expenditure per patient	180,03 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Endodontie_2023.pdf](#)

Medical practice variations – SUMMARY

Dental extraction

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	63,15%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	1.397.948	
	Average occurrence per patient per day (services)	1,87	
	Average occurrence per patient per year (days)	1,19	
	Total average occurrence	2,23	
	Estimated number of patients (per year)	624.751	
	Standardised usage rate (per 100 000 insured persons)	5,423	
	Percentage of outpatient care	98,82%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	50,61%	
	Ratio Preferential rate/General rate (patients)	1,02	
TRENDS			
	Trend ² (2013-2023)	1,49%	***
	Trend ³ (2013-2021)	0,99%	***
	Trend ³ (2021-2023)	3,50%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	6,33	NS
	Coefficient of variation ⁴ (2021-2023)	6,28	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,04	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,28	
DIRECT EXPENDITURE			
	Annual expenditure	91.320.838 €	
	Average annual expenditure per insured ⁵	7,93 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,24	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,57	
	Average annual expenditure per patient	146,17 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Extraction dentaire 2023.pdf](#)

Medical practice variations – SUMMARY

Orthodontic treatment

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthodontists</i>	65,62%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	92.214	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	92.206	
	Standardised usage rate (per 100 000 insured persons)	800	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	13 years	
	Max/min ratio ¹ of the median age (by district*)	1,27	
	Percentage of women (patients)	53,65%	
	Ratio Preferential rate/General rate (patients)	0,54	
TRENDS			
	Trend ² (2013-2023)	2,50%	***
	Trend ³ (2013-2021)	2,12%	NS
	Trend ³ (2021-2023)	4,00%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	14,01	NS
	Coefficient of variation ⁴ (2021-2023)	11,31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,05	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,53	
DIRECT EXPENDITURE			
	Annual expenditure	67.438.650 €	
	Average annual expenditure per insured ⁵	5,85 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,25	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,61	
	Average annual expenditure per patient	731,39 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Debut_de_traitement_orthodontique_2023.pdf](#)

Medical practice variations – SUMMARY

Removable dental prosthesis

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	97,31%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	184.758	
	Average occurrence per patient per day (services)	1,35	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,38	
	Estimated number of patients (per year)	133.810	
	Standardised usage rate (per 100 000 insured persons)	1.162	
	Percentage of outpatient care	99,91%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	68 years	
	Max/min ratio ¹ of the median age (by district*)	1,06	
	Percentage of women (patients)	54,94%	
	Ratio Preferential rate/General rate (patients)	1,49	
TRENDS			
	Trend ² (2013-2023)	-2,20%	***
	Trend ³ (2013-2021)	-2,54%	***
	Trend ³ (2021-2023)	-0,82%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	13,71	NS
	Coefficient of variation ⁴ (2021-2023)	11,47	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,54	
DIRECT EXPENDITURE			
	Annual expenditure	86.108.695 €	
	Average annual expenditure per insured ⁵	7,47 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,14	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,65	
	Average annual expenditure per patient	643,51 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Prothese amovible 2023.pdf](#)

Medical practice variations – SUMMARY

Frenectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	40,56%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	13.833	
	Average occurrence per patient per day (services)	1,18	
	Average occurrence per patient per year (days)	1,03	
	Total average occurrence	1,22	
	Estimated number of patients (per year)	11.032	
	Standardised usage rate (per 100 000 insured persons)	96	
	Percentage of outpatient care	96,57%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	15 years	
	Max/min ratio ¹ of the median age (by district*)	45	
	Percentage of women (patients)	55,52%	
	Ratio Preferential rate/General rate (patients)	0,55	
TRENDS			
	Trend ² (2013-2023)	2,72%	***
	Trend ³ (2013-2021)	4,10%	NS
	Trend ³ (2021-2023)	-2,60%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	47,47	NS
	Coefficient of variation ⁴ (2021-2023)	41,75	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,16	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,31	
DIRECT EXPENDITURE			
	Annual expenditure	717.606 €	
	Average annual expenditure per insured ⁵	0,06 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,17	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,7	
	Average annual expenditure per patient	65,05 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Frenectomie_2023.pdf](#)

Medical practice variations – SUMMARY

Gingivectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Dentists</i>	61,50%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	16.969	
	Average occurrence per patient per day (services)	1,06	
	Average occurrence per patient per year (days)	1,14	
	Total average occurrence	1,20	
	Estimated number of patients (per year)	14.133	
	Standardised usage rate (per 100 000 insured persons)	123	
	Percentage of outpatient care	99,50%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	55 years	
	Max/min ratio ¹ of the median age (by district*)	1,29	
	Percentage of women (patients)	54,92%	
	Ratio Preferential rate/General rate (patients)	0,84	
TRENDS			
	Trend ² (2013-2023)	-3,82%	*
	Trend ³ (2013-2021)	-1,39%	NS
	Trend ³ (2021-2023)	-12,94%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	45,54	NS
	Coefficient of variation ⁴ (2021-2023)	60,63	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,78	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	10,23	
DIRECT EXPENDITURE			
	Annual expenditure	468.686 €	
	Average annual expenditure per insured ⁵	0,04 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,76	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	10,84	
	Average annual expenditure per patient	33,16 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Gingivectomie 2023.pdf](#)

Medical practice variations – SUMMARY

Incision of abscess of dental origin

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	85,72%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	18.407	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,07	
	Total average occurrence	1,09	
	Estimated number of patients (per year)	17.119	
	Standardised usage rate (per 100 000 insured persons)	149	
	Percentage of outpatient care	99,61%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	52 years	
	Max/min ratio ¹ of the median age (by district*)	1,41	
	Percentage of women (patients)	53,00%	
	Ratio Preferential rate/General rate (patients)	1,2	
TRENDS			
	Trend ² (2013-2023)	-6,75%	***
	Trend ³ (2013-2021)	-6,16%	NS
	Trend ³ (2021-2023)	-9,09%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	48,57	NS
	Coefficient of variation ⁴ (2021-2023)	54,64	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,56	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	7,05	
DIRECT EXPENDITURE			
	Annual expenditure	252.152 €	
	Average annual expenditure per insured ⁵	0,02 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,56	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	7,42	
	Average annual expenditure per patient	14,73 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Incision_dabces_dorigine_dentaire_2023.pdf](#)

Medical practice variations – SUMMARY

Surgery for paradental cysts

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Stomatologists</i>	99,50%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	14.823	
	Average occurrence per patient per day (services)	1,11	
	Average occurrence per patient per year (days)	1,01	
	Total average occurrence	1,13	
	Estimated number of patients (per year)	13.125	
	Standardised usage rate (per 100 000 insured persons)	114	
	Percentage of outpatient care	97,42%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	52 years	
	Max/min ratio ¹ of the median age (by district*)	1,24	
	Percentage of women (patients)	46,45%	
	Ratio Preferential rate/General rate (patients)	1,37	
TRENDS			
	Trend ² (2013-2023)	0,36%	*
	Trend ³ (2013-2021)	0,19%	NS
	Trend ³ (2021-2023)	1,03%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	66,78	NS
	Coefficient of variation ⁴ (2021-2023)	61,14	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	5,27	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	9,32	
DIRECT EXPENDITURE			
	Annual expenditure	3.104.574 €	
	Average annual expenditure per insured ⁵	0,27 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	4,74	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	8,4	
	Average annual expenditure per patient	236,54 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Chirurgie pour kystes paradentaires 2023.pdf](#)

Medical practice variations – SUMMARY

Oral osteitis curettage

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Dentists	45,55%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	177.087	
	Average occurrence per patient per day (services)	1,06	
	Average occurrence per patient per year (days)	1,08	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	154.582	
	Standardised usage rate (per 100 000 insured persons)	1.342	
	Percentage of outpatient care	99,06%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	55 years	
	Max/min ratio ¹ of the median age (by district*)	1,16	
	Percentage of women (patients)	49,07%	
	Ratio Preferential rate/General rate (patients)	1,25	
TRENDS			
	Trend ² (2013-2023)	5,50%	***
	Trend ³ (2013-2021)	5,36%	NS
	Trend ³ (2021-2023)	6,08%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	31,24	NS
	Coefficient of variation ⁴ (2021-2023)	19,49	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,29	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,02	
DIRECT EXPENDITURE			
	Annual expenditure	13.890.960 €	
	Average annual expenditure per insured ⁵	1,21 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,38	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,97	
	Average annual expenditure per patient	89,86 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁵ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Curetage_dosteite_dentaire_2023.pdf](#)

Medical practice variations – SUMMARY

Trepanation of jawbone

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Stomatologists</i>	99,71%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	14.671	
	Average occurrence per patient per day (services)	1,12	
	Average occurrence per patient per year (days)	1,03	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	12.863	
	Standardised usage rate (per 100 000 insured persons)	112	
	Percentage of outpatient care	96,17%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	51 years	
	Max/min ratio ¹ of the median age (by district*)	1,39	
	Percentage of women (patients)	47,72%	
	Ratio Preferential rate/General rate (patients)	1,12	
TRENDS			
	Trend ² (2013-2023)	2,96%	NS
	Trend ³ (2013-2021)	3,10%	NS
	Trend ³ (2021-2023)	2,38%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	62,18	NS
	Coefficient of variation ⁴ (2021-2023)	62,03	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,79	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	13,16	
DIRECT EXPENDITURE			
	Annual expenditure	4.810.507 €	
	Average annual expenditure per insured ⁵	0,42 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,79	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	13,12	
	Average annual expenditure per patient	373,97 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁵ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Trepanation du maxillaire 2023.pdf](#)

Medical practice variations – SUMMARY

Osteotomy with displacement of jawbone

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Stomatologists</i>	99,76%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	20.959	
	Average occurrence per patient per day (services)	2,04	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	2,07	
	Estimated number of patients (per year)	10.017	
	Standardised usage rate (per 100 000 insured persons)	87	
	Percentage of outpatient care	29,29%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	36 years	
	Max/min ratio ¹ of the median age (by district*)	2,68	
	Percentage of women (patients)	56,06%	
	Ratio Preferential rate/General rate (patients)	0,54	
TRENDS			
	Trend ² (2013-2023)	7,27%	***
	Trend ³ (2013-2021)	7,25%	NS
	Trend ³ (2021-2023)	7,36%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	47,35	NS
	Coefficient of variation ⁴ (2021-2023)	45,16	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,96	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	9,71	
DIRECT EXPENDITURE			
	Annual expenditure	7.214.309 €	
	Average annual expenditure per insured ⁵	0,63 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,9	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	6,91	
	Average annual expenditure per patient	720,2 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Osteotomie avec déplacement de la mâchoire 2023.pdf](#)

B. Gastrointestinal

Upper digestive endoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gastroenterology</i>	96,82%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	432.271	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,13	
	Total average occurrence	1,14	
	Estimated number of patients (per year)	380.675	
	Standardised usage rate (per 100 000 insured persons)	3.304	
	Percentage of outpatient care	80,71%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	59 years	
	Max/min ratio ¹ of the median age (by district*)	1,12	
	Percentage of women (patients)	56,44%	
	Ratio Preferential rate/General rate (patients)	1,37	
TRENDS			
	Trend ² (2013-2023)	-1,26%	***
	Trend ³ (2013-2021)	-2,03%	***
	Trend ³ (2021-2023)	1,88%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	18,73	NS
	Coefficient of variation ⁴ (2021-2023)	17,86	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,39	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,98	
DIRECT EXPENDITURE			
	Annual expenditure	61.086.381 €	
	Average annual expenditure per insured ⁵	5,3 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,35	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,92	
	Average annual expenditure per patient	160,47 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Endoscopie digestive haute 2023.pdf](#)

Medical practice variations – SUMMARY

Lower digestive endoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gastroenterology</i>	97,48%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	434.815	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,17	
	Total average occurrence	1,17	
	Estimated number of patients (per year)	372.338	
	Standardised usage rate (per 100 000 insured persons)	3.232	
	Percentage of outpatient care	89,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	62 years	
	Max/min ratio ¹ of the median age (by district*)	1	
	Percentage of women (patients)	51,52%	
	Ratio Preferential rate/General rate (patients)	0,91	
TRENDS			
	Trend ² (2013-2023)	3,12%	***
	Trend ³ (2013-2021)	2,53%	NS
	Trend ³ (2021-2023)	5,52%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	10,56	NS
	Coefficient of variation ⁴ (2021-2023)	10,65	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,1	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,32	
DIRECT EXPENDITURE			
	Annual expenditure	62.550.438 €	
	Average annual expenditure per insured ⁵	5,43 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,12	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,37	
	Average annual expenditure per patient	167,99 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Endoscopie digestive basse 2023.pdf](#)

Medical practice variations – SUMMARY

Serological tests for *Helicobacter pylori* (blood) - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	59,42%	
Main prescribers:	<i>General practitioners</i>	74,55%	
USAGE RATE			
	Number of services per year	23.091	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,04	
	Total average occurrence	1,05	
	Estimated number of patients (per year)	22.084	
	Standardised usage rate (per 100 000 insured persons)	192	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	34 years	
	Max/min ratio ¹ of the median age (by district*)	1,23	
	Percentage of women (patients)	62,46%	
	Ratio Preferential rate/General rate (patients)	1,3	
TRENDS			
	Trend ² (2013-2023)	-1,09%	*
	Trend ³ (2013-2021)	2,67%	*
	Trend ³ (2021-2023)	-14,80%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	59	NS
	Coefficient of variation ⁴ (2021-2023)	64,43	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	5,06	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	19,47	
DIRECT EXPENDITURE			
	Annual expenditure	198.553 €	
	Average annual expenditure per insured ⁵	0,02 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	5,01	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	19,27	
	Average annual expenditure per patient	8,99 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁵ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Tests serologiques pour Helicobacter pylori sang AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Pediatric gastric tubing

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Paediatrics</i>	96,80%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	91.927	
	Average occurrence per patient per day (services)	1,30	
	Average occurrence per patient per year (days)	5,07	
	Total average occurrence	6,57	
	Estimated number of patients (per year)	13.937	
	Standardised usage rate (per 100 000 insured persons)	749	
	Percentage of outpatient care	1,47%	
POPULATION			
	% of the selected population compared to the total number of insured people	16,16%	
	Median age of patients	0 years	
	Max/min ratio ¹ of the median age (by district*)	NA	
	Percentage of women (patients)	46,71%	
	Ratio Preferential rate/General rate (patients)	1,25	
TRENDS			
	Trend ² (2013-2023)	2,61%	**
	Trend ³ (2013-2021)	0,50%	**
	Trend ³ (2021-2023)	11,52%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	29,13	NS
	Coefficient of variation ⁴ (2021-2023)	26,96	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,19	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,03	
DIRECT EXPENDITURE			
	Annual expenditure	1.359.395 €	
	Average annual expenditure per insured ⁵	0,73 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,45	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,52	
	Average annual expenditure per patient	97,54 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Tubage_gastrique_pediatrique_0-14_2023.pdf](#)

Medical practice variations – SUMMARY

Abdominal wall hernia surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General surgery	95,53%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	45.680	
	Average occurrence per patient per day (services)	1,04	
	Average occurrence per patient per year (days)	1,01	
	Total average occurrence	1,06	
	Estimated number of patients (per year)	43.243	
	Standardised usage rate (per 100 000 insured persons)	375	
	Percentage of outpatient care	49,79%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,12	
	Percentage of women (patients)	25,06%	
	Ratio Preferential rate/General rate (patients)	1,04	
TRENDS			
	Trend ² (2013-2023)	0,05%	**
	Trend ³ (2013-2021)	-1,49%	***
	Trend ³ (2021-2023)	6,45%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	9,04	NS
	Coefficient of variation ⁴ (2021-2023)	10,75	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,16	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,51	
DIRECT EXPENDITURE			
	Annual expenditure	19.744.787 €	
	Average annual expenditure per insured ⁵	1,71 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,25	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,55	
	Average annual expenditure per patient	456,6 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Hernie abdominale 2023.pdf](#)

Medical practice variations – SUMMARY

Appendectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>General surgery</i>	99,53%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	14.275	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,01	
	Estimated number of patients (per year)	14.196	
	Standardised usage rate (per 100 000 insured persons)	123	
	Percentage of outpatient care	3,29%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	32 years	
	Max/min ratio ¹ of the median age (by district*)	1,38	
	Percentage of women (patients)	47,20%	
	Ratio Preferential rate/General rate (patients)	0,8	
TRENDS			
	Trend ² (2013-2023)	-0,09%	NS
	Trend ³ (2013-2021)	0,58%	NS
	Trend ³ (2021-2023)	-2,71%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	9,7	NS
	Coefficient of variation ⁴ (2021-2023)	10,99	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,27	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,57	
DIRECT EXPENDITURE			
	Annual expenditure	8.039.852 €	
	Average annual expenditure per insured ⁵	0,7 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,32	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,84	
	Average annual expenditure per patient	566,34 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Appendicectomie_2023.pdf](#)

Medical practice variations – SUMMARY

Colorectal polypectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gastroenterology</i>	99,42%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	124.784	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,02	
	Estimated number of patients (per year)	121.949	
	Standardised usage rate (per 100 000 insured persons)	1.059	
	Percentage of outpatient care	90,12%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	65 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	43,21%	
	Ratio Preferential rate/General rate (patients)	0,81	
TRENDS			
	Trend ² (2013-2023)	5,97%	***
	Trend ³ (2013-2021)	4,26%	***
	Trend ³ (2021-2023)	13,11%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	19,97	NS
	Coefficient of variation ⁴ (2021-2023)	21,7	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,34	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,08	
DIRECT EXPENDITURE			
	Annual expenditure	20.114.780 €	
	Average annual expenditure per insured ⁵	1,75 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,17	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,71	
	Average annual expenditure per patient	164,94 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Polypectomie colorectale 2023.pdf](#)

Medical practice variations – SUMMARY

Colectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>General surgery</i>	98,45%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	10.887	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,03	
	Total average occurrence	1,04	
	Estimated number of patients (per year)	10.451	
	Standardised usage rate (per 100 000 insured persons)	91	
	Percentage of outpatient care	0,30%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	49,86%	
	Ratio Preferential rate/General rate (patients)	1,15	
TRENDS			
	Trend ² (2013-2023)	-1,71%	***
	Trend ³ (2013-2021)	-2,08%	NS
	Trend ³ (2021-2023)	-0,23%	NS
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	10,76	NS
	Coefficient of variation ⁴ (2021-2023)	10,94	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,29	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,6	
DIRECT EXPENDITURE			
	Annual expenditure	10.710.892 €	
	Average annual expenditure per insured ⁵	0,93 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,24	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,44	
	Average annual expenditure per patient	1024,86 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Colectomie_2023.pdf](#)

Medical practice variations – SUMMARY

Surgical management of hemorrhoids

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gastroenterology</i>	73,29%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	64.680	
	Average occurrence per patient per day (services)	1,04	
	Average occurrence per patient per year (days)	1,53	
	Total average occurrence	1,60	
	Estimated number of patients (per year)	40.572	
	Standardised usage rate (per 100 000 insured persons)	352	
	Percentage of outpatient care	95,87%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	55 years	
	Max/min ratio ¹ of the median age (by district*)	1,16	
	Percentage of women (patients)	48,65%	
	Ratio Preferential rate/General rate (patients)	0,89	
TRENDS			
	Trend ² (2013-2023)	-2,92%	***
	Trend ³ (2013-2021)	-3,43%	NS
	Trend ³ (2021-2023)	-0,84%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	40,37	NS
	Coefficient of variation ⁴ (2021-2023)	34,42	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,94	
DIRECT EXPENDITURE			
	Annual expenditure	5.269.224 €	
	Average annual expenditure per insured ⁵	0,46 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,09	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,1	
	Average annual expenditure per patient	129,87 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Chirurgie des hemorroïdes 2023.pdf](#)

Medical practice variations – SUMMARY

Bariatric surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>General surgery</i>	99,96%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	10.969	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,01	
	Estimated number of patients (per year)	10.880	
	Standardised usage rate (per 100 000 insured persons)	94	
	Percentage of outpatient care	0,36%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	40 years	
	Max/min ratio ¹ of the median age (by district*)	1,16	
	Percentage of women (patients)	72,09%	
	Ratio Preferential rate/General rate (patients)	1,57	
TRENDS			
	Trend ² (2013-2023)	-1,17%	NS
	Trend ³ (2013-2021)	1,27%	***
	Trend ³ (2021-2023)	-10,33%	***
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	24,24	NS
	Coefficient of variation ⁴ (2021-2023)	22,03	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,58	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,17	
DIRECT EXPENDITURE			
	Annual expenditure	22.446.829 €	
	Average annual expenditure per insured ⁵	1,95 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,63	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,27	
	Average annual expenditure per patient	2063,21 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Chirurgie_bariatrique_2023.pdf](#)

C. Hepatobiliary

Hepatobiliary ultrasound

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	57,75%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	66.652	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,11	
	Total average occurrence	1,11	
	Estimated number of patients (per year)	60.110	
	Standardised usage rate (per 100 000 insured persons)	522	
	Percentage of outpatient care	79,43%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	58 years	
	Max/min ratio ¹ of the median age (by district*)	1,15	
	Percentage of women (patients)	54,35%	
	Ratio Preferential rate/General rate (patients)	1,45	
TRENDS			
	Trend ² (2013-2023)	-2,64%	**
	Trend ³ (2013-2021)	-3,81%	NS
	Trend ³ (2021-2023)	2,17%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	33,26	NS
	Coefficient of variation ⁴ (2021-2023)	26,62	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,24	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,91	
DIRECT EXPENDITURE			
	Annual expenditure	1.821.246 €	
	Average annual expenditure per insured ⁵	0,16 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,33	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,93	
	Average annual expenditure per patient	30,3 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Echographie_hepatobiliaire_2023.pdf](#)

Medical practice variations – SUMMARY

Dosing lipases (blood) - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	58,77%	
Main prescribers:	<i>General practitioners</i>	54,14%	
USAGE RATE			
	Number of services per year	2.766.499	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,41	
	Total average occurrence	1,41	
	Estimated number of patients (per year)	1.960.572	
	Standardised usage rate (per 100 000 insured persons)	17.018	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,17	
	Percentage of women (patients)	55,30%	
	Ratio Preferential rate/General rate (patients)	1,17	
TRENDS			
	Trend ² (2013-2023)	6,47%	***
	Trend ³ (2013-2021)	6,72%	**
	Trend ³ (2021-2023)	5,48%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	34,83	NS
	Coefficient of variation ⁴ (2021-2023)	23,63	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,46	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,81	
DIRECT EXPENDITURE			
	Annual expenditure	2.975.539 €	
	Average annual expenditure per insured ⁵	0,26 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,51	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,94	
	Average annual expenditure per patient	1,52 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dosage_des_lipases_sang_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Gamma GT - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	60,19%	
Main prescribers:	<i>General practitioners</i>	57,40%	
USAGE RATE			
	Number of services per year	9.938.311	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,80	
	Total average occurrence	1,81	
	Estimated number of patients (per year)	5.502.854	
	Standardised usage rate (per 100 000 insured persons)	47,766	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	55,76%	
	Ratio Preferential rate/General rate (patients)	1,02	
TRENDS			
	Trend ² (2013-2023)	2,64%	***
	Trend ³ (2013-2021)	2,49%	***
	Trend ³ (2021-2023)	3,24%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	6,66	NS
	Coefficient of variation ⁴ (2021-2023)	5,92	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,09	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,28	
DIRECT EXPENDITURE			
	Annual expenditure	6.827.404 €	
	Average annual expenditure per insured ⁵	0,59 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,12	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,38	
	Average annual expenditure per patient	1,24 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Gamma GT AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Hepatic transaminase test - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	56,12%	
Main prescribers:	<i>General practitioners</i>	56,00%	
USAGE RATE			
	Number of services per year	10.651.571	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,84	
	Total average occurrence	1,85	
	Estimated number of patients (per year)	5.767.006	
	Standardised usage rate (per 100 000 insured persons)	50.059	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	55,93%	
	Ratio Preferential rate/General rate (patients)	1,03	
TRENDS			
	Trend ² (2013-2023)	2,30%	***
	Trend ³ (2013-2021)	2,05%	***
	Trend ³ (2021-2023)	3,33%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	5,79	NS
	Coefficient of variation ⁴ (2021-2023)	5,31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,09	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,17	
DIRECT EXPENDITURE			
	Annual expenditure	11.080.758 €	
	Average annual expenditure per insured ⁵	0,96 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,11	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,39	
	Average annual expenditure per patient	1,92 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Dosage_des_transaminases_hepatiques_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Cholecystectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>General surgery</i>	99,85%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	25.980	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,01	
	Estimated number of patients (per year)	25.851	
	Standardised usage rate (per 100 000 insured persons)	224	
	Percentage of outpatient care	15,86%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,18	
	Percentage of women (patients)	64,06%	
	Ratio Preferential rate/General rate (patients)	1,33	
TRENDS			
	Trend ² (2013-2023)	0,13%	*
	Trend ³ (2013-2021)	-0,45%	NS
	Trend ³ (2021-2023)	2,45%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	12,91	NS
	Coefficient of variation ⁴ (2021-2023)	12,44	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,25	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,58	
DIRECT EXPENDITURE			
	Annual expenditure	12.668.790 €	
	Average annual expenditure per insured ⁵	1,1 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,28	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,61	
	Average annual expenditure per patient	490,08 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Cholecystectomie 2023.pdf](#)

D. Unspecified

Digestive radiography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	98,65%	
Main prescribers:	General practitioners	18,00%	
USAGE RATE			
	Number of services per year	194.739	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,25	
	Total average occurrence	1,27	
	Estimated number of patients (per year)	153.852	
	Standardised usage rate (per 100 000 insured persons)	1.335	
	Percentage of outpatient care	63,90%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	62 years	
	Max/min ratio ¹ of the median age (by district*)	1,34	
	Percentage of women (patients)	57,33%	
	Ratio Preferential rate/General rate (patients)	1,55	
TRENDS			
	Trend ² (2013-2023)	-6,74%	***
	Trend ³ (2013-2021)	-7,98%	NS
	Trend ³ (2021-2023)	-1,61%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	17,1	NS
	Coefficient of variation ⁴ (2021-2023)	24,12	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,4	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,3	
DIRECT EXPENDITURE			
	Annual expenditure	7.038.825 €	
	Average annual expenditure per insured ⁵	0,61 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,16	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,79	
	Average annual expenditure per patient	45,75 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Radiographie abdomen oesophage inclus 2023.pdf](#)

Medical practice variations – SUMMARY

Abdominal CT scan

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	99,94%	
Main prescribers:	General practitioners	20,74%	
USAGE RATE			
	Number of services per year	573.042	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,24	
	Total average occurrence	1,24	
	Estimated number of patients (per year)	461.526	
	Standardised usage rate (per 100 000 insured persons)	4,006	
	Percentage of outpatient care	76,80%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	62 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	51,64%	
	Ratio Preferential rate/General rate (patients)	1,45	
TRENDS			
	Trend ² (2013-2023)	1,51%	***
	Trend ³ (2013-2021)	0,97%	***
	Trend ³ (2021-2023)	3,72%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	22,65	NS
	Coefficient of variation ⁴ (2021-2023)	20,14	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,45	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,24	
DIRECT EXPENDITURE			
	Annual expenditure	83.594.810 €	
	Average annual expenditure per insured ⁵	7,26 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,51	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,38	
	Average annual expenditure per patient	181,13 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-CT-scan_abdomen_2023.pdf](#)

E. Global functions

Hydrogen breath test

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gastroenterology</i>	73,59%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	26.034	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,07	
	Total average occurrence	1,08	
	Estimated number of patients (per year)	24.116	
	Standardised usage rate (per 100 000 insured persons)	209	
	Percentage of outpatient care	98,64%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	29 years	
	Max/min ratio ¹ of the median age (by district*)	2,44	
	Percentage of women (patients)	66,69%	
	Ratio Preferential rate/General rate (patients)	0,98	
TRENDS			
	Trend ² (2013-2023)	2,15%	NS
	Trend ³ (2013-2021)	1,40%	*
	Trend ³ (2021-2023)	5,21%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	27,58	NS
	Coefficient of variation ⁴ (2021-2023)	31,85	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,59	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,36	
DIRECT EXPENDITURE			
	Annual expenditure	2.171.014 €	
	Average annual expenditure per insured ⁵	0,19 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,55	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,29	
	Average annual expenditure per patient	90,03 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Test respiratoire a lhydrogene 2023.pdf](#)

Medical practice variations – SUMMARY

Urea breath test

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gastroenterology</i>	70,78%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	29.718	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,08	
	Total average occurrence	1,09	
	Estimated number of patients (per year)	27.440	
	Standardised usage rate (per 100 000 insured persons)	238	
	Percentage of outpatient care	98,44%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	46 years	
	Max/min ratio ¹ of the median age (by district*)	1,81	
	Percentage of women (patients)	60,88%	
	Ratio Preferential rate/General rate (patients)	1,91	
TRENDS			
	Trend ² (2013-2023)	3,66%	**
	Trend ³ (2013-2021)	5,18%	***
	Trend ³ (2021-2023)	-2,21%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	79,09	NS
	Coefficient of variation ⁴ (2021-2023)	63,42	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	4,52	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	12,72	
DIRECT EXPENDITURE			
	Annual expenditure	5.612.843 €	
	Average annual expenditure per insured ⁵	0,49 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	4,5	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	12,72	
	Average annual expenditure per patient	204,55 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Test respiratoire a luee 2023.pdf](#)

6. CUTANEOUS SYSTEM

Allergy skin tests

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Otorhinolaryngology	39,44%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	186.045	
	Average occurrence per patient per day (services)	1,09	
	Average occurrence per patient per year (days)	1,09	
	Total average occurrence	1,19	
	Estimated number of patients (per year)	156.855	
	Standardised usage rate (per 100 000 insured persons)	1.362	
	Percentage of outpatient care	99,52%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	29 years	
	Max/min ratio ¹ of the median age (by district*)	2,24	
	Percentage of women (patients)	55,40%	
	Ratio Preferential rate/General rate (patients)	1,03	
TRENDS			
	Trend ² (2013-2023)	0,08%	NS
	Trend ³ (2013-2021)	-1,04%	***
	Trend ³ (2021-2023)	4,69%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	33,89	NS
	Coefficient of variation ⁴ (2021-2023)	39,4	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,27	
DIRECT EXPENDITURE			
	Annual expenditure	6.043.462 €	
	Average annual expenditure per insured ⁵	0,52 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,78	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,82	
	Average annual expenditure per patient	38,53 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Tests allergiques cutanes 2023.pdf](#)

Medical practice variations – SUMMARY

Dermoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Dermatology-venereology</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	42.169	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,03	
	Total average occurrence	1,03	
	Estimated number of patients (per year)	40.944	
	Standardised usage rate (per 100 000 insured persons)	355	
	Percentage of outpatient care	99,96%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	51 years	
	Max/min ratio ¹ of the median age (by district*)	1,22	
	Percentage of women (patients)	60,13%	
	Ratio Preferential rate/General rate (patients)	0,29	
TRENDS			
	Trend ² (2015-2023)	16,92%	***
	Trend ³ (2015-2021)	15,57%	NS
	Trend ³ (2021-2023)	21,05%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	62,14	NS
	Coefficient of variation ⁴ (2021-2023)	52,46	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,52	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,48	
DIRECT EXPENDITURE			
	Annual expenditure	540.578 €	
	Average annual expenditure per insured ⁵	0,05 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,48	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,25	
	Average annual expenditure per patient	13,2 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dermoscopie_2023.pdf](#)

Medical practice variations – SUMMARY

Skin biopsy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Dermatology-venereology</i>	92,72%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	62.204	
	Average occurrence per patient per day (services)	1,09	
	Average occurrence per patient per year (days)	1,06	
	Total average occurrence	1,16	
	Estimated number of patients (per year)	53.792	
	Standardised usage rate (per 100 000 insured persons)	467	
	Percentage of outpatient care	98,22%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	65 years	
	Max/min ratio ¹ of the median age (by district*)	1,17	
	Percentage of women (patients)	56,84%	
	Ratio Preferential rate/General rate (patients)	0,79	
TRENDS			
	Trend ² (2013-2023)	2,05%	NS
	Trend ³ (2013-2021)	2,18%	NS
	Trend ³ (2021-2023)	1,52%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	21,6	NS
	Coefficient of variation ⁴ (2021-2023)	27,86	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,36	
DIRECT EXPENDITURE			
	Annual expenditure	904.803 €	
	Average annual expenditure per insured ⁵	0,08 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,5	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,76	
	Average annual expenditure per patient	16,82 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Biopsie_cutanee_2023.pdf](#)

Medical practice variations – SUMMARY

UVA/UVB Phototherapy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Dermatology-venereology</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	167.517	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	17,27	
	Total average occurrence	17,30	
	Estimated number of patients (per year)	9.642	
	Standardised usage rate (per 100 000 insured persons)	84	
	Percentage of outpatient care	99,91%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	51 years	
	Max/min ratio ¹ of the median age (by district*)	1,26	
	Percentage of women (patients)	51,23%	
	Ratio Preferential rate/General rate (patients)	0,89	
TRENDS			
	Trend ² (2013-2023)	-5,31%	***
	Trend ³ (2013-2021)	-6,99%	*
	Trend ³ (2021-2023)	1,69%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	42,64	NS
	Coefficient of variation ⁴ (2021-2023)	39,62	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,8	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,02	
DIRECT EXPENDITURE			
	Annual expenditure	3.102.403 €	
	Average annual expenditure per insured ⁵	0,27 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,99	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,12	
	Average annual expenditure per patient	321,74 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁵ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Phototherapie dermatologique UVA et UVB 2023.pdf](#)

Medical practice variations – SUMMARY

Ingrown toenail surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General practitioners	32,83%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	33.149	
	Average occurrence per patient per day (services)	1,10	
	Average occurrence per patient per year (days)	1,16	
	Total average occurrence	1,28	
	Estimated number of patients (per year)	25.931	
	Standardised usage rate (per 100 000 insured persons)	225	
	Percentage of outpatient care	98,99%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	28 years	
	Max/min ratio ¹ of the median age (by district*)	1,89	
	Percentage of women (patients)	46,73%	
	Ratio Preferential rate/General rate (patients)	1,14	
TRENDS			
	Trend ² (2013-2023)	0,71%	NS
	Trend ³ (2013-2021)	0,01%	NS
	Trend ³ (2021-2023)	3,58%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	24,54	NS
	Coefficient of variation ⁴ (2021-2023)	29,32	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,47	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,87	
DIRECT EXPENDITURE			
	Annual expenditure	1.475.942 €	
	Average annual expenditure per insured ⁵	0,13 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,11	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,95	
	Average annual expenditure per patient	56,92 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Ongle incarné 2023.pdf](#)

Medical practice variations – SUMMARY

Excision of dermal vegetations

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>General surgery</i>	31,20%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	21.838	
	Average occurrence per patient per day (services)	1,11	
	Average occurrence per patient per year (days)	1,13	
	Total average occurrence	1,25	
	Estimated number of patients (per year)	17.809	
	Standardised usage rate (per 100 000 insured persons)	155	
	Percentage of outpatient care	98,46%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	48 years	
	Max/min ratio ¹ of the median age (by district*)	1,41	
	Percentage of women (patients)	58,23%	
	Ratio Preferential rate/General rate (patients)	0,96	
TRENDS			
	Trend ² (2013-2023)	2,60%	NS
	Trend ³ (2013-2021)	1,78%	NS
	Trend ³ (2021-2023)	5,95%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	52,32	NS
	Coefficient of variation ⁴ (2021-2023)	37,69	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,22	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,83	
DIRECT EXPENDITURE			
	Annual expenditure	1.062.546 €	
	Average annual expenditure per insured ⁵	0,09 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,23	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,68	
	Average annual expenditure per patient	59,66 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Vegetations_dermiques_2023.pdf](#)

Medical practice variations – SUMMARY

Skin lesion removal

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Dermatology-venereology</i>	68,51%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	737.349	
	Average occurrence per patient per day (services)	1,26	
	Average occurrence per patient per year (days)	1,22	
	Total average occurrence	1,53	
	Estimated number of patients (per year)	481.615	
	Standardised usage rate (per 100 000 insured persons)	4.181	
	Percentage of outpatient care	98,66%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	54 years	
	Max/min ratio ¹ of the median age (by district*)	1,2	
	Percentage of women (patients)	57,69%	
	Ratio Preferential rate/General rate (patients)	0,63	
TRENDS			
	Trend ² (2013-2023)	1,40%	***
	Trend ³ (2013-2021)	1,02%	NS
	Trend ³ (2021-2023)	2,97%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	11,57	NS
	Coefficient of variation ⁴ (2021-2023)	10,99	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,14	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,59	
DIRECT EXPENDITURE			
	Annual expenditure	41.305.157 €	
	Average annual expenditure per insured ⁵	3,59 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,26	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,7	
	Average annual expenditure per patient	85,76 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Exerese dermatologique 2023.pdf](#)

Medical practice variations – SUMMARY

Removal of a deep foreign body

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General surgery	41,47%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	26.360	
	Average occurrence per patient per day (services)	1,07	
	Average occurrence per patient per year (days)	1,04	
	Total average occurrence	1,12	
	Estimated number of patients (per year)	23.701	
	Standardised usage rate (per 100 000 insured persons)	206	
	Percentage of outpatient care	81,09%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	54 years	
	Max/min ratio ¹ of the median age (by district*)	1,39	
	Percentage of women (patients)	62,21%	
	Ratio Preferential rate/General rate (patients)	1,21	
TRENDS			
	Trend ² (2013-2023)	0,67%	NS
	Trend ³ (2013-2021)	0,21%	NS
	Trend ³ (2021-2023)	2,56%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	29,13	NS
	Coefficient of variation ⁴ (2021-2023)	31,37	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,45	
DIRECT EXPENDITURE			
	Annual expenditure	2.875.869 €	
	Average annual expenditure per insured ⁵	0,25 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,38	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,51	
	Average annual expenditure per patient	121,34 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Corps_etranger_profond_2023.pdf](#)

7. URINARY SYSTEM

Urodynamic testing

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Urology</i>	98,13%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	248.087	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,34	
	Total average occurrence	1,35	
	Estimated number of patients (per year)	184.184	
	Standardised usage rate (per 100 000 insured persons)	1.599	
	Percentage of outpatient care	98,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	67 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	22,04%	
	Ratio Preferential rate/General rate (patients)	1,03	
TRENDS			
	Trend ² (2013-2023)	0,12%	NS
	Trend ³ (2013-2021)	-0,64%	*
	Trend ³ (2021-2023)	3,18%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	45,74	NS
	Coefficient of variation ⁴ (2021-2023)	38,78	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,52	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,58	
DIRECT EXPENDITURE			
	Annual expenditure	6.415.124 €	
	Average annual expenditure per insured ⁵	0,56 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,55	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,94	
	Average annual expenditure per patient	34,83 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Examen_urodynamique_2023.pdf](#)

Medical practice variations – SUMMARY

Urinary tract X-Ray

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	67,36%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	17.488	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,22	
	Total average occurrence	1,25	
	Estimated number of patients (per year)	14.123	
	Standardised usage rate (per 100 000 insured persons)	123	
	Percentage of outpatient care	66,63%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	61 years	
	Max/min ratio ¹ of the median age (by district*)	1,25	
	Percentage of women (patients)	50,18%	
	Ratio Preferential rate/General rate (patients)	1,34	
TRENDS			
	Trend ² (2013-2023)	-2,08%	NS
	Trend ³ (2013-2021)	-2,55%	*
	Trend ³ (2021-2023)	-0,20%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	36,9	NS
	Coefficient of variation ⁴ (2021-2023)	31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,24	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,56	
DIRECT EXPENDITURE			
	Annual expenditure	725.480 €	
	Average annual expenditure per insured ⁵	0,06 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,33	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,73	
	Average annual expenditure per patient	51,37 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Radiographie des voies urinaires 2023.pdf](#)

Medical practice variations – SUMMARY

Diagnostic cystoscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Urology	98,78%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	115.049	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,26	
	Total average occurrence	1,26	
	Estimated number of patients (per year)	91.323	
	Standardised usage rate (per 100 000 insured persons)	793	
	Percentage of outpatient care	94,07%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,09	
	Percentage of women (patients)	39,85%	
	Ratio Preferential rate/General rate (patients)	1,22	
TRENDS			
	Trend ² (2013-2023)	-0,48%	NS
	Trend ³ (2013-2021)	-1,13%	***
	Trend ³ (2021-2023)	2,19%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	24,48	NS
	Coefficient of variation ⁴ (2021-2023)	18,37	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,11	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,75	
DIRECT EXPENDITURE			
	Annual expenditure	5.481.572 €	
	Average annual expenditure per insured ⁵	0,48 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,1	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,91	
	Average annual expenditure per patient	60,02 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Cystoscopie diagnostique 2023.pdf](#)

Medical practice variations – SUMMARY

Creatinine (blood) - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	60,24%	
Main prescribers:	<i>General practitioners</i>	54,68%	
USAGE RATE			
	Number of services per year	11.574.360	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,95	
	Total average occurrence	1,97	
	Estimated number of patients (per year)	5.880.839	
	Standardised usage rate (per 100 000 insured persons)	51,047	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	55,87%	
	Ratio Preferential rate/General rate (patients)	1,03	
TRENDS			
	Trend ² (2013-2023)	2,43%	***
	Trend ³ (2013-2021)	2,25%	**
	Trend ³ (2021-2023)	3,15%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	5,44	NS
	Coefficient of variation ⁴ (2021-2023)	5,37	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,08	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,21	
DIRECT EXPENDITURE			
	Annual expenditure	7.023.020 €	
	Average annual expenditure per insured ⁵	0,61 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,12	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,29	
	Average annual expenditure per patient	1,19 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Creatinine_sang_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Renal failure (care pathway by GP)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General practitioners	98,38%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	50.111	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	50.087	
	Standardised usage rate (per 100 000 insured persons)	435	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	77 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	47,24%	
	Ratio Preferential rate/General rate (patients)	1,47	
TRENDS			
	Trend ² (2013-2023)	8,65%	***
	Trend ³ (2013-2021)	9,00%	***
	Trend ³ (2021-2023)	7,24%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	66,69	NS
	Coefficient of variation ⁴ (2021-2023)	45,12	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,76	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	5,95	
DIRECT EXPENDITURE			
	Annual expenditure	10.182.412 €	
	Average annual expenditure per insured ⁵	0,88 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,75	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,94	
	Average annual expenditure per patient	203,29 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁵ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report:

[RAPPORT-EN-Trajet de soins de l'insuffisance renale chronique Generaliste 2023.pdf](#)

Medical practice variations – SUMMARY

Lump sums for incontinence

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Other specialities</i>	-	
Main prescribers:	<i>Other specialities</i>	-	
USAGE RATE			
	Number of services per year	151.260	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	151.260	
	Standardised usage rate (per 100 000 insured persons)	1.313	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	79 years	
	Max/min ratio ¹ of the median age (by district*)	1,08	
	Percentage of women (patients)	64,12%	
	Ratio Preferential rate/General rate (patients)	3,32	
TRENDS			
	Trend ² (2013-2023)	7,16%	***
	Trend ³ (2013-2021)	8,84%	***
	Trend ³ (2021-2023)	0,67%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	40,61	NS
	Coefficient of variation ⁴ (2021-2023)	43,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,27	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,85	
DIRECT EXPENDITURE			
	Annual expenditure	56.281.575 €	
	Average annual expenditure per insured ⁵	4,89 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,59	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,42	
	Average annual expenditure per patient	372,08 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Incontinence ambulatoire 2023.pdf](#)

Medical practice variations – SUMMARY

Surgical treatment of urethral stenosis

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Urology	99,26%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	15.038	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,52	
	Total average occurrence	1,54	
	Estimated number of patients (per year)	9.586	
	Standardised usage rate (per 100 000 insured persons)	83	
	Percentage of outpatient care	73,35%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	70 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	27,32%	
	Ratio Preferential rate/General rate (patients)	1,24	
TRENDS			
	Trend ² (2013-2023)	-4,42%	***
	Trend ³ (2013-2021)	-5,69%	NS
	Trend ³ (2021-2023)	0,85%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	46,5	NS
	Coefficient of variation ⁴ (2021-2023)	38,64	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,48	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,31	
DIRECT EXPENDITURE			
	Annual expenditure	1.493.195 €	
	Average annual expenditure per insured ⁵	0,13 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,47	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,8	
	Average annual expenditure per patient	155,77 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Traitement chirurgical de la stenose uretrale 2023.pdf](#)

Medical practice variations – SUMMARY

Extraction of urolithiasis

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Urology</i>	99,41%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	31.998	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,62	
	Total average occurrence	1,65	
	Estimated number of patients (per year)	19.445	
	Standardised usage rate (per 100 000 insured persons)	169	
	Percentage of outpatient care	54,05%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	35,05%	
	Ratio Preferential rate/General rate (patients)	1,2	
TRENDS			
	Trend ² (2013-2023)	0,59%	NS
	Trend ³ (2013-2021)	0,79%	NS
	Trend ³ (2021-2023)	-0,19%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	18,37	NS
	Coefficient of variation ⁴ (2021-2023)	17,83	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,17	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,96	
DIRECT EXPENDITURE			
	Annual expenditure	18.682.194 €	
	Average annual expenditure per insured ⁵	1,62 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,32	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,21	
	Average annual expenditure per patient	960,79 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Traitement_de_lurolithiase_2023.pdf](#)

Medical practice variations – SUMMARY

Chronic dialysis

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Other specialities</i>	-	
Main prescribers:	<i>Other specialities</i>	-	
USAGE RATE			
	Number of services per year	1.443.626	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	127,09	
	Total average occurrence	128,91	
	Estimated number of patients (per year)	11.265	
	Standardised usage rate (per 100 000 insured persons)	98	
	Percentage of outpatient care	95,21%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	73 years	
	Max/min ratio ¹ of the median age (by district*)	1,15	
	Percentage of women (patients)	38,07%	
	Ratio Preferential rate/General rate (patients)	3,26	
TRENDS			
	Trend ² (2017-2023)	-0,25%	NS
	Trend ³ (2017-2021)	0,50%	NS
	Trend ³ (2021-2023)	-1,72%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2017-2019)	26,37	NS
	Coefficient of variation ⁴ (2021-2023)	26,05	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,97	
DIRECT EXPENDITURE			
	Annual expenditure	506.162.466 €	
	Average annual expenditure per insured ⁵	43,94 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,2	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,08	
	Average annual expenditure per patient	44931,75 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Dialyse_chronique_2023.pdf](#)

8. MEN

PSA testing (men at risk 40 years and older)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	62,93%	
Main prescribers:	<i>General practitioners</i>	80,75%	
USAGE RATE			
	Number of services per year	226.662	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	226.605	
	Standardised usage rate (per 100 000 insured persons)	7.693	
	Percentage of outpatient care	98,38%	
POPULATION			
	% of the selected population compared to the total number of insured people	25,57%	
	Median age of patients	63 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	0,00%	
	Ratio Preferential rate/General rate (patients)	0,95	
TRENDS			
	Trend ² (2013-2023)	8,34%	***
	Trend ³ (2013-2021)	9,02%	*
	Trend ³ (2021-2023)	5,63%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	52,12	NS
	Coefficient of variation ⁴ (2021-2023)	37,92	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,55	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,91	
DIRECT EXPENDITURE			
	Annual expenditure	683.878 €	
	Average annual expenditure per insured ⁵	0,23 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,55	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,91	
	Average annual expenditure per patient	3,02 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dosage du Hommes 40 et plus Population a risque 2023.pdf](#)

Medical practice variations – SUMMARY

Male urogenital ultrasound

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Urology	79,38%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	503.525	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,41	
	Total average occurrence	1,41	
	Estimated number of patients (per year)	356.803	
	Standardised usage rate (per 100 000 insured persons)	6.304	
	Percentage of outpatient care	92,12%	
POPULATION			
	% of the selected population compared to the total number of insured people	49,13%	
	Median age of patients	66 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	0,00%	
	Ratio Preferential rate/General rate (patients)	0,96	
TRENDS			
	Trend ² (2013-2023)	1,23%	**
	Trend ³ (2013-2021)	0,37%	*
	Trend ³ (2021-2023)	4,74%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	24,91	NS
	Coefficient of variation ⁴ (2021-2023)	18,3	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,05	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,05	
DIRECT EXPENDITURE			
	Annual expenditure	14.883.481 €	
	Average annual expenditure per insured ⁵	2,63 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,21	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,23	
	Average annual expenditure per patient	41,71 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Echographie urogenitale Hommes 2023.pdf](#)

Medical practice variations – SUMMARY

Prostate biopsy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Urology</i>	94,16%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	16.213	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,04	
	Total average occurrence	1,05	
	Estimated number of patients (per year)	15.429	
	Standardised usage rate (per 100 000 insured persons)	273	
	Percentage of outpatient care	96,85%	
POPULATION			
	% of the selected population compared to the total number of insured people	49,13%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1	
	Percentage of women (patients)	0,00%	
	Ratio Preferential rate/General rate (patients)	0,76	
TRENDS			
	Trend ² (2013-2023)	1,08%	***
	Trend ³ (2013-2021)	0,96%	NS
	Trend ³ (2021-2023)	1,54%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	18,78	NS
	Coefficient of variation ⁴ (2021-2023)	16,29	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,17	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,34	
DIRECT EXPENDITURE			
	Annual expenditure	718.338 €	
	Average annual expenditure per insured ⁵	0,13 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,18	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,38	
	Average annual expenditure per patient	46,56 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Biopsie de la prostate Hommes 2023.pdf](#)

Medical practice variations – SUMMARY

Circumcision

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Urology	71,82%	
Main prescribers:	Not applicable	-	
USAGE RATE			
Number of services per year		25.714	
Average occurrence per patient per day (services)		1,00	
Average occurrence per patient per year (days)		1,00	
Total average occurrence		1,01	
Estimated number of patients (per year)		25.582	
Standardised usage rate (per 100 000 insured persons)		452	
Percentage of outpatient care		96,87%	
POPULATION			
% of the selected population compared to the total number of insured people		49,13%	
Median age of patients		4 years	
Max/min ratio ¹ of the median age (by district*)		7,5	
Percentage of women (patients)		0,00%	
Ratio Preferential rate/General rate (patients)		1,78	
TRENDS			
Trend ² (2013-2023)		0,29%	NS
Trend ³ (2013-2021)		0,32%	NS
Trend ³ (2021-2023)		0,17%	
GEOGRAPHICAL VARIATIONS			
Coefficient of variation ⁴ (2013-2015)		26,48	NS
Coefficient of variation ⁴ (2021-2023)		19,54	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)		1,43	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)		2,34	
DIRECT EXPENDITURE			
Annual expenditure		2.939.595 €	
Average annual expenditure per insured ⁵		0,52 €	
Max/Min Ratio ¹ of expenditure per insured (by region)		1,43	
Max/Min Ratio ¹ of expenditure per insured (by district*)		2,38	
Average annual expenditure per patient		114,91 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
Variations in practice coding ⁶ (by province)		NA	NA
Variations in the choice of practice alternatives ⁶ (by province)		NA	NA

Link to the report: [RAPPORT-EN-Circoncision Hommes 2023.pdf](#)

Medical practice variations – SUMMARY

Vasectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Urology	98,84%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	37.328	
	Average occurrence per patient per day (services)	1,98	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,99	
	Estimated number of patients (per year)	18.768	
	Standardised usage rate (per 100 000 insured persons)	332	
	Percentage of outpatient care	99,30%	
POPULATION			
	% of the selected population compared to the total number of insured people	49,13%	
	Median age of patients	39 years	
	Max/min ratio ¹ of the median age (by district*)	1,14	
	Percentage of women (patients)	0,00%	
	Ratio Preferential rate/General rate (patients)	0,19	
TRENDS			
	Trend ² (2013-2023)	8,35%	***
	Trend ³ (2013-2021)	4,48%	***
	Trend ³ (2021-2023)	25,32%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	54,21	NS
	Coefficient of variation ⁴ (2021-2023)	26,18	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	3,64	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,92	
DIRECT EXPENDITURE			
	Annual expenditure	3.276.850 €	
	Average annual expenditure per insured ⁵	0,58 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	3,61	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,89	
	Average annual expenditure per patient	174,6 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Vasectomie Hommes 2023.pdf](#)

Medical practice variations – SUMMARY

Benign prostatic hyperplasia surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Urology</i>	99,44%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	11.504	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,02	
	Estimated number of patients (per year)	11.302	
	Standardised usage rate (per 100 000 insured persons)	200	
	Percentage of outpatient care	1,92%	
POPULATION			
	% of the selected population compared to the total number of insured people	49,13%	
	Median age of patients	72 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	0,00%	
	Ratio Preferential rate/General rate (patients)	1,02	
TRENDS			
	Trend ² (2013-2023)	-1,23%	**
	Trend ³ (2013-2021)	-2,26%	NS
	Trend ³ (2021-2023)	2,99%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	16,18	NS
	Coefficient of variation ⁴ (2021-2023)	14,83	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,14	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,82	
DIRECT EXPENDITURE			
	Annual expenditure	7.230.352 €	
	Average annual expenditure per insured ⁵	1,28 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,11	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,95	
	Average annual expenditure per patient	639,73 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Chirurgie de l'hyperplasie benigne de la prostate Hommes 2023.pdf](#)

9. WOMEN AND PREGNANCY

A. Breast

Breast imaging

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	98,45%	
Main prescribers:	Gynaecology and midwifery	44,90%	
USAGE RATE			
	Number of services per year	2.287.657	
	Average occurrence per patient per day (services)	1,81	
	Average occurrence per patient per year (days)	1,39	
	Total average occurrence	2,51	
	Estimated number of patients (per year)	910.968	
	Standardised usage rate (per 100 000 insured persons)	15.544	
	Percentage of outpatient care	99,31%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	58 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,69	
TRENDS			
	Trend ² (2013-2023)	0,41%	NS
	Trend ³ (2013-2021)	-0,11%	***
	Trend ³ (2021-2023)	2,51%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	13	NS
	Coefficient of variation ⁴ (2021-2023)	12,78	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,06	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,57	
DIRECT EXPENDITURE			
	Annual expenditure	66.768.041 €	
	Average annual expenditure per insured ⁵	11,39 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,02	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,47	
	Average annual expenditure per patient	73,29 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Imagerie mammaire Femmes 2023.pdf](#)

Medical practice variations – SUMMARY

Mammectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	71,35%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	18.471	
	Average occurrence per patient per day (services)	1,09	
	Average occurrence per patient per year (days)	1,06	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	16.023	
	Standardised usage rate (per 100 000 insured persons)	273	
	Percentage of outpatient care	22,23%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,85	
TRENDS			
	Trend ² (2013-2023)	0,16%	NS
	Trend ³ (2013-2021)	-0,10%	**
	Trend ³ (2021-2023)	1,21%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	9,26	NS
	Coefficient of variation ⁴ (2021-2023)	8,91	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,03	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,54	
DIRECT EXPENDITURE			
	Annual expenditure	6.917.796 €	
	Average annual expenditure per insured ⁵	1,18 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,05	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,61	
	Average annual expenditure per patient	431,74 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁵ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Mammectomie Femmes 2023.pdf](#)

B. Genital system

Screening smear for cervical cancer (25-64 years)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	91,03%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	473.512	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	473.481	
	Standardised usage rate (per 100 000 insured persons)	15.954	
	Percentage of outpatient care	99,86%	
POPULATION			
	% of the selected population compared to the total number of insured people	25,76%	
	Median age of patients	43 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,74	
TRENDS			
	Trend ² (2013-2023)	2,20%	***
	Trend ³ (2013-2021)	3,23%	***
	Trend ³ (2021-2023)	-1,80%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	4,29	NS
	Coefficient of variation ⁴ (2021-2023)	5,35	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,11	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,19	
DIRECT EXPENDITURE			
	Annual expenditure	20.648.256 €	
	Average annual expenditure per insured ⁵	6,96 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,12	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,24	
	Average annual expenditure per patient	43,61 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Frottis de depistage du cancer du col Femmes 25-64 2023.pdf](#)

Medical practice variations – SUMMARY

Female urogenital ultrasound

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	91,65%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	2.008.989	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,46	
	Total average occurrence	1,46	
	Estimated number of patients (per year)	1.374.792	
	Standardised usage rate (per 100 000 insured persons)	23.458	
	Percentage of outpatient care	97,81%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	44 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,78	
TRENDS			
	Trend ² (2013-2023)	2,63%	***
	Trend ³ (2013-2021)	2,36%	*
	Trend ³ (2021-2023)	3,75%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	15,66	NS
	Coefficient of variation ⁴ (2021-2023)	14,69	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,27	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,77	
DIRECT EXPENDITURE			
	Annual expenditure	54.602.924 €	
	Average annual expenditure per insured ⁵	9,32 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,17	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,62	
	Average annual expenditure per patient	39,72 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Echographie urogenitale Femmes 2023.pdf](#)

Medical practice variations – SUMMARY

Hysteroscopy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	99,87%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	39.838	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,16	
	Total average occurrence	1,17	
	Estimated number of patients (per year)	34.033	
	Standardised usage rate (per 100 000 insured persons)	581	
	Percentage of outpatient care	94,27%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	45 years	
	Max/min ratio ¹ of the median age (by district*)	1,33	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,9	
TRENDS			
	Trend ² (2013-2023)	1,61%	NS
	Trend ³ (2013-2021)	1,50%	NS
	Trend ³ (2021-2023)	2,04%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	25,8	NS
	Coefficient of variation ⁴ (2021-2023)	19,87	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,52	
DIRECT EXPENDITURE			
	Annual expenditure	4.930.780 €	
	Average annual expenditure per insured ⁵	0,84 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,93	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,21	
	Average annual expenditure per patient	144,88 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Hysteroscopie Femmes 2023.pdf](#)

Medical practice variations – SUMMARY

Hormonal tests - Outpatient (Women)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	54,43%	
Main prescribers:	<i>Gynaecology and midwifery</i>	49,44%	
USAGE RATE			
	Number of services per year	2.175.464	
	Average occurrence per patient per day (services)	3,09	
	Average occurrence per patient per year (days)	1,83	
	Total average occurrence	5,66	
	Estimated number of patients (per year)	386.445	
	Standardised usage rate (per 100 000 insured persons)	6.594	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	42 years	
	Max/min ratio ¹ of the median age (by district*)	1,21	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	1,01	
TRENDS			
	Trend ² (2013-2023)	1,91%	***
	Trend ³ (2013-2021)	2,08%	NS
	Trend ³ (2021-2023)	1,26%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	19,38	NS
	Coefficient of variation ⁴ (2021-2023)	17,69	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,39	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,78	
DIRECT EXPENDITURE			
	Annual expenditure	7.388.950 €	
	Average annual expenditure per insured ⁵	1,26 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,26	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,62	
	Average annual expenditure per patient	19,12 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Tests hormonaux AMBU Femmes 2023.pdf](#)

Medical practice variations – SUMMARY

Tubal interventions

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	96,83%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	11.747	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,03	
	Estimated number of patients (per year)	11.420	
	Standardised usage rate (per 100 000 insured persons)	195	
	Percentage of outpatient care	56,64%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	42 years	
	Max/min ratio ¹ of the median age (by district*)	1,24	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	1,08	
TRENDS			
	Trend ² (2013-2023)	0,75%	NS
	Trend ³ (2013-2021)	-0,19%	***
	Trend ³ (2021-2023)	4,60%	***
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	29,47	NS
	Coefficient of variation ⁴ (2021-2023)	30,11	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,75	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,61	
DIRECT EXPENDITURE			
	Annual expenditure	4.327.370 €	
	Average annual expenditure per insured ⁵	0,74 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,64	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,52	
	Average annual expenditure per patient	378,94 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Interventions tubaires Femmes 2023.pdf](#)

Medical practice variations – SUMMARY

Cervical conization

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	99,92%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	8.740	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,04	
	Total average occurrence	1,04	
	Estimated number of patients (per year)	8.414	
	Standardised usage rate (per 100 000 insured persons)	144	
	Percentage of outpatient care	97,08%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	41 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,96	
TRENDS			
	Trend ² (2013-2023)	0,90%	NS
	Trend ³ (2013-2021)	1,12%	NS
	Trend ³ (2021-2023)	0,02%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	38,88	NS
	Coefficient of variation ⁴ (2021-2023)	33,52	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,9	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,23	
DIRECT EXPENDITURE			
	Annual expenditure	550.495 €	
	Average annual expenditure per insured ⁵	0,09 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,96	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,45	
	Average annual expenditure per patient	65,42 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Col de luterus conisation Femmes 2023.pdf](#)

Medical practice variations – SUMMARY

Uterine curettage

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	97,94%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	15.614	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,03	
	Total average occurrence	1,03	
	Estimated number of patients (per year)	15.123	
	Standardised usage rate (per 100 000 insured persons)	258	
	Percentage of outpatient care	86,94%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	36 years	
	Max/min ratio ¹ of the median age (by district*)	1,28	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	1,1	
TRENDS			
	Trend ² (2013-2023)	-5,86%	***
	Trend ³ (2013-2021)	-6,16%	NS
	Trend ³ (2021-2023)	-4,64%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	26,59	NS
	Coefficient of variation ⁴ (2021-2023)	36,59	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,82	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,65	
DIRECT EXPENDITURE			
	Annual expenditure	1.075.670 €	
	Average annual expenditure per insured ⁵	0,18 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,79	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,56	
	Average annual expenditure per patient	71,13 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Curetage uterin Femmes 2023.pdf](#)

Medical practice variations – SUMMARY

Hysterectomy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	98,71%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	10.614	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,01	
	Estimated number of patients (per year)	10.536	
	Standardised usage rate (per 100 000 insured persons)	180	
	Percentage of outpatient care	1,24%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	50 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,98	
TRENDS			
	Trend ² (2013-2023)	-2,29%	***
	Trend ³ (2013-2021)	-3,15%	**
	Trend ³ (2021-2023)	1,22%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	12,85	NS
	Coefficient of variation ⁴ (2021-2023)	15,28	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,64	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,2	
DIRECT EXPENDITURE			
	Annual expenditure	8.731.031 €	
	Average annual expenditure per insured ⁵	1,49 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,56	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,89	
	Average annual expenditure per patient	828,68 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Hysterectomie Femmes 2023.pdf](#)

C. Pregnancy & Childbirth

Cardiotocography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	99,65%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	312.634	
	Average occurrence per patient per day (services)	1,04	
	Average occurrence per patient per year (days)	3,11	
	Total average occurrence	3,23	
	Estimated number of patients (per year)	97.023	
	Standardised usage rate (per 100 000 insured persons)	93.066	
	Percentage of outpatient care	78,65%	
POPULATION			
	% of the selected population compared to the total number of insured people	0,90%	
	Median age of patients	31 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,98	
TRENDS			
	Trend ² (2013-2023)	0,35%	NS
	Trend ³ (2013-2021)	-0,61%	***
	Trend ³ (2021-2023)	4,27%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	18,41	NS
	Coefficient of variation ⁴ (2021-2023)	10	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,46	
DIRECT EXPENDITURE			
	Annual expenditure	10.151.037 €	
	Average annual expenditure per insured ⁵	97,37 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,38	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,79	
	Average annual expenditure per patient	104,63 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Cardiotocographie Femmes accouchements 2023.pdf](#)

Medical practice variations – SUMMARY

Prenatal screening for Down syndrome (Women)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Clinical genetics</i>	54,75%	
Main prescribers:	<i>Gynaecology and midwifery</i>	91,77%	
USAGE RATE			
	Number of services per year	100.349	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,01	
	Total average occurrence	1,01	
	Estimated number of patients (per year)	99.886	
	Standardised usage rate (per 100 000 insured persons)	95.817	
	Percentage of outpatient care	99,82%	
POPULATION			
	% of the selected population compared to the total number of insured people	0,90%	
	Median age of patients	31 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,87	
TRENDS			
	Trend ² (2013-2023)	1,60%	***
	Trend ³ (2013-2021)	1,92%	NS
	Trend ³ (2021-2023)	0,32%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	11,25	NS
	Coefficient of variation ⁴ (2021-2023)	3,39	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,06	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,26	
DIRECT EXPENDITURE			
	Annual expenditure	25.009.873 €	
	Average annual expenditure per insured ⁵	239,92 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,06	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,27	
	Average annual expenditure per patient	250,38 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Depistage_prenatal_de_la_trisomie_21_Femmes_2023.pdf](#)

Medical practice variations – SUMMARY

Presence of pediatrician at delivery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Paediatrics</i>	97,67%	
Main prescribers:	<i>Gynaecology and midwifery</i>	97,25%	
USAGE RATE			
	Number of services per year	39.115	
	Average occurrence per patient per day (services)	1,03	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,03	
	Estimated number of patients (per year)	37.949	
	Standardised usage rate (per 100 000 insured persons)	35.861	
	Percentage of outpatient care	0,59%	
POPULATION			
	% of the selected population compared to the total number of insured people	0,90%	
	Median age of patients	31 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	1,04	
TRENDS			
	Trend ² (2013-2023)	0,52%	NS
	Trend ³ (2013-2021)	-0,15%	*
	Trend ³ (2021-2023)	3,27%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	16,81	NS
	Coefficient of variation ⁴ (2021-2023)	15,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,12	
DIRECT EXPENDITURE			
	Annual expenditure	4.198.773 €	
	Average annual expenditure per insured ⁵	39,69 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,11	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,09	
	Average annual expenditure per patient	110,64 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Presence_pediatre_a_laccouchement_Femmes_2023.pdf](#)

Medical practice variations – SUMMARY

Caesarean section

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	99,85%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	23.219	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	23.185	
	Standardised usage rate (per 100 000 insured persons)	22.244	
	Percentage of outpatient care	0,52%	
POPULATION			
	% of the selected population compared to the total number of insured people	0,90%	
	Median age of patients	32 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	1,01	
TRENDS			
	Trend ² (2013-2023)	0,40%	*
	Trend ³ (2013-2021)	0,21%	**
	Trend ³ (2021-2023)	1,17%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	8,29	NS
	Coefficient of variation ⁴ (2021-2023)	8,03	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,16	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,4	
DIRECT EXPENDITURE			
	Annual expenditure	9.808.117 €	
	Average annual expenditure per insured ⁵	94,1 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,16	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,4	
	Average annual expenditure per patient	423,03 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Cesarienne Femmes accouchements 2023.pdf](#)

10. BLOOD AND IMMUNE SYSTEM

Herpes simplex virus (screening)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	48,47%	
Main prescribers:	<i>Specialists in training</i>	24,68%	
USAGE RATE			
	Number of services per year	55.773	
	Average occurrence per patient per day (services)	1,42	
	Average occurrence per patient per year (days)	1,10	
	Total average occurrence	1,56	
	Estimated number of patients (per year)	36.016	
	Standardised usage rate (per 100 000 insured persons)	313	
	Percentage of outpatient care	68,67%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	41 years	
	Max/min ratio ¹ of the median age (by district*)	1,5	
	Percentage of women (patients)	54,09%	
	Ratio Preferential rate/General rate (patients)	1,31	
TRENDS			
	Trend ² (2013-2023)	3,48%	**
	Trend ³ (2013-2021)	3,50%	NS
	Trend ³ (2021-2023)	3,41%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	50,48	NS
	Coefficient of variation ⁴ (2021-2023)	47,74	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,24	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	5,26	
DIRECT EXPENDITURE			
	Annual expenditure	987.575 €	
	Average annual expenditure per insured ⁵	0,09 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,09	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,33	
	Average annual expenditure per patient	27,42 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

 Link to the report: [RAPPORT-EN-Herpes simplex virus depistage 2023.pdf](#)

Medical practice variations – SUMMARY

Folic acid (alone) - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	55,96%	
Main prescribers:	<i>General practitioners</i>	56,20%	
USAGE RATE			
	Number of services per year	196.405	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	195.480	
	Standardised usage rate (per 100 000 insured persons)	1.697	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,24	
	Percentage of women (patients)	60,30%	
	Ratio Preferential rate/General rate (patients)	1,24	
TRENDS			
	Trend ² (2013-2023)	4,87%	*
	Trend ³ (2013-2021)	16,97%	***
	Trend ³ (2021-2023)	-32,24%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	109,88	NS
	Coefficient of variation ⁴ (2021-2023)	63,26	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,34	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,26	
DIRECT EXPENDITURE			
	Annual expenditure	422.598 €	
	Average annual expenditure per insured ⁵	0,04 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,4	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,38	
	Average annual expenditure per patient	2,16 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	NS
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Acide folique seul AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Dosing D-Dimers - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	53,10%	
Main prescribers:	<i>General practitioners</i>	32,26%	
USAGE RATE			
	Number of services per year	508.000	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,20	
	Total average occurrence	1,22	
	Estimated number of patients (per year)	417.906	
	Standardised usage rate (per 100 000 insured persons)	3.628	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,24	
	Percentage of women (patients)	56,52%	
	Ratio Preferential rate/General rate (patients)	1,38	
TRENDS			
	Trend ² (2013-2023)	4,15%	***
	Trend ³ (2013-2021)	6,42%	NS
	Trend ³ (2021-2023)	-4,47%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	25,09	NS
	Coefficient of variation ⁴ (2021-2023)	23,85	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,07	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,66	
DIRECT EXPENDITURE			
	Annual expenditure	1.747.682 €	
	Average annual expenditure per insured ⁵	0,15 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,1	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,65	
	Average annual expenditure per patient	4,18 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dosage_des_D-Dimeres_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Dosing vitamin B12 - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	64,27%	
Main prescribers:	<i>General practitioners</i>	78,85%	
USAGE RATE			
	Number of services per year	3.365.372	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,01	
	Total average occurrence	1,01	
	Estimated number of patients (per year)	3.350.599	
	Standardised usage rate (per 100 000 insured persons)	29.084	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	58,58%	
	Ratio Preferential rate/General rate (patients)	1	
TRENDS			
	Trend ² (2013-2023)	1,44%	***
	Trend ³ (2013-2021)	1,55%	***
	Trend ³ (2021-2023)	1,02%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	28,53	NS
	Coefficient of variation ⁴ (2021-2023)	12,12	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,15	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,52	
DIRECT EXPENDITURE			
	Annual expenditure	9.625.029 €	
	Average annual expenditure per insured ⁵	0,84 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,16	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,45	
	Average annual expenditure per patient	2,87 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Dosage_de_vitamine_B12_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Dosing vitamin D - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	62,11%	
Main prescribers:	<i>General practitioners</i>	75,58%	
USAGE RATE			
	Number of services per year	3.670.917	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,06	
	Total average occurrence	1,06	
	Estimated number of patients (per year)	3.471.655	
	Standardised usage rate (per 100 000 insured persons)	30,135	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	58,90%	
	Ratio Preferential rate/General rate (patients)	1	
TRENDS			
	Trend ² (2013-2023)	3,54%	***
	Trend ³ (2013-2021)	6,83%	***
	Trend ³ (2021-2023)	-8,63%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	24,97	NS
	Coefficient of variation ⁴ (2021-2023)	13,43	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,19	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,66	
DIRECT EXPENDITURE			
	Annual expenditure	12.701.144 €	
	Average annual expenditure per insured ⁵	1,1 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,23	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,72	
	Average annual expenditure per patient	3,66 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Dosage de vitamine D AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Electrophoresis of proteins (blood) - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	58,24%	
Main prescribers:	<i>General practitioners</i>	57,33%	
USAGE RATE			
	Number of services per year	1.375.041	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,29	
	Total average occurrence	1,30	
	Estimated number of patients (per year)	1.059.270	
	Standardised usage rate (per 100 000 insured persons)	9.195	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	61 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	56,28%	
	Ratio Preferential rate/General rate (patients)	1,06	
TRENDS			
	Trend ² (2013-2023)	-1,42%	*
	Trend ³ (2013-2021)	-1,10%	*
	Trend ³ (2021-2023)	-2,68%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	19,48	NS
	Coefficient of variation ⁴ (2021-2023)	24,38	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,55	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,06	
DIRECT EXPENDITURE			
	Annual expenditure	1.778.294 €	
	Average annual expenditure per insured ⁵	0,15 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,55	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,17	
	Average annual expenditure per patient	1,68 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Electrophorese des proteines sang AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Dosing ferritin and or iron - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	60,98%	
Main prescribers:	<i>General practitioners</i>	68,09%	
USAGE RATE			
	Number of services per year	12.437.395	
	Average occurrence per patient per day (services)	1,70	
	Average occurrence per patient per year (days)	1,51	
	Total average occurrence	2,57	
	Estimated number of patients (per year)	4.845.711	
	Standardised usage rate (per 100 000 insured persons)	42.062	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	57,98%	
	Ratio Preferential rate/General rate (patients)	1,03	
TRENDS			
	Trend ² (2013-2023)	2,49%	***
	Trend ³ (2013-2021)	2,60%	NS
	Trend ³ (2021-2023)	2,04%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	8,27	NS
	Coefficient of variation ⁴ (2021-2023)	7,96	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,07	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,39	
DIRECT EXPENDITURE			
	Annual expenditure	19.860.119 €	
	Average annual expenditure per insured ⁵	1,72 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,08	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,45	
	Average annual expenditure per patient	4,1 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dosage ferritine et ou fer AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Blood count - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	57,92%	
Main prescribers:	<i>General practitioners</i>	53,67%	
USAGE RATE			
	Number of services per year	35.707.553	
	Average occurrence per patient per day (services)	2,92	
	Average occurrence per patient per year (days)	2,01	
	Total average occurrence	5,87	
	Estimated number of patients (per year)	6.082.824	
	Standardised usage rate (per 100 000 insured persons)	52.800	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	55 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	56,28%	
	Ratio Preferential rate/General rate (patients)	1,02	
TRENDS			
	Trend ² (2013-2023)	2,00%	***
	Trend ³ (2013-2021)	1,67%	***
	Trend ³ (2021-2023)	3,31%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	4,99	NS
	Coefficient of variation ⁴ (2021-2023)	4,91	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,08	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,16	
DIRECT EXPENDITURE			
	Annual expenditure	12.420.684 €	
	Average annual expenditure per insured ⁵	1,08 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,1	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,23	
	Average annual expenditure per patient	2,04 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Formule_sanguine_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

IgE (clinical biology) - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	55,03%	
Main prescribers:	<i>General practitioners</i>	55,93%	
USAGE RATE			
	Number of services per year	2.506.728	
	Average occurrence per patient per day (services)	3,85	
	Average occurrence per patient per year (days)	1,10	
	Total average occurrence	4,25	
	Estimated number of patients (per year)	592.907	
	Standardised usage rate (per 100 000 insured persons)	5.147	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	39 years	
	Max/min ratio ¹ of the median age (by district*)	1,26	
	Percentage of women (patients)	57,45%	
	Ratio Preferential rate/General rate (patients)	1,09	
TRENDS			
	Trend ² (2013-2023)	1,56%	NS
	Trend ³ (2013-2021)	-0,01%	*
	Trend ³ (2021-2023)	8,12%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	17,75	NS
	Coefficient of variation ⁴ (2021-2023)	23,06	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,71	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,03	
DIRECT EXPENDITURE			
	Annual expenditure	5.392.913 €	
	Average annual expenditure per insured ⁵	0,47 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,65	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,09	
	Average annual expenditure per patient	9,1 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-IgE_biologie_clinique_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Alkaline phosphatases - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	58,89%	
Main prescribers:	<i>General practitioners</i>	48,65%	
USAGE RATE			
	Number of services per year	7.086.777	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,77	
	Total average occurrence	1,78	
	Estimated number of patients (per year)	3.981.215	
	Standardised usage rate (per 100 000 insured persons)	34,558	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	55,58%	
	Ratio Preferential rate/General rate (patients)	1,07	
TRENDS			
	Trend ² (2013-2023)	2,27%	***
	Trend ³ (2013-2021)	1,83%	**
	Trend ³ (2021-2023)	4,06%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	11,76	NS
	Coefficient of variation ⁴ (2021-2023)	9,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,02	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,47	
DIRECT EXPENDITURE			
	Annual expenditure	4.866.432 €	
	Average annual expenditure per insured ⁵	0,42 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,04	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,54	
	Average annual expenditure per patient	1,22 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Phosphatases alcalines AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Activated partial thromboplastin time - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	48,63%	
Main prescribers:	<i>Acute and emergency medicine</i>	19,75%	
USAGE RATE			
	Number of services per year	1.611.905	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,36	
	Total average occurrence	1,37	
	Estimated number of patients (per year)	1.176.956	
	Standardised usage rate (per 100 000 insured persons)	10,216	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	55 years	
	Max/min ratio ¹ of the median age (by district*)	1,39	
	Percentage of women (patients)	58,16%	
	Ratio Preferential rate/General rate (patients)	1,4	
TRENDS			
	Trend ² (2013-2023)	1,92%	*
	Trend ³ (2013-2021)	0,41%	***
	Trend ³ (2021-2023)	8,21%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	39,07	NS
	Coefficient of variation ⁴ (2021-2023)	31,66	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,43	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,07	
DIRECT EXPENDITURE			
	Annual expenditure	1.394.379 €	
	Average annual expenditure per insured ⁵	0,12 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,5	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,7	
	Average annual expenditure per patient	1,18 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Temps de thromboplastine partielle activee AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Transfusion monitoring

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Haematology</i>	59,11%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	112.752	
	Average occurrence per patient per day (services)	1,13	
	Average occurrence per patient per year (days)	2,90	
	Total average occurrence	3,28	
	Estimated number of patients (per year)	36.033	
	Standardised usage rate (per 100 000 insured persons)	313	
	Percentage of outpatient care	57,27%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	72 years	
	Max/min ratio ¹ of the median age (by district*)	1,17	
	Percentage of women (patients)	52,26%	
	Ratio Preferential rate/General rate (patients)	1,79	
TRENDS			
	Trend ² (2013-2023)	-1,46%	*
	Trend ³ (2013-2021)	-0,94%	NS
	Trend ³ (2021-2023)	-3,53%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	21,58	NS
	Coefficient of variation ⁴ (2021-2023)	29,05	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,1	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,14	
DIRECT EXPENDITURE			
	Annual expenditure	1.061.288 €	
	Average annual expenditure per insured ⁵	0,09 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,23	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,27	
	Average annual expenditure per patient	29,45 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁵ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Surveillance transfusion 2023.pdf](#)

11. CARDIOVASCULAR SYSTEM

A. Heart

Electrocardiogram (Outpatient)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	60,52%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	1.660.563	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,39	
	Total average occurrence	1,41	
	Estimated number of patients (per year)	1.179.939	
	Standardised usage rate (per 100 000 insured persons)	10,242	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	67 years	
	Max/min ratio ¹ of the median age (by district*)	1,09	
	Percentage of women (patients)	52,28%	
	Ratio Preferential rate/General rate (patients)	1,32	
TRENDS			
	Trend ² (2013-2023)	-3,57%	***
	Trend ³ (2013-2021)	-4,88%	NS
	Trend ³ (2021-2023)	1,87%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	8,3	NS
	Coefficient of variation ⁴ (2021-2023)	20,45	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,26	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,93	
DIRECT EXPENDITURE			
	Annual expenditure	28.952.202 €	
	Average annual expenditure per insured ⁵	2,51 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,4	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,86	
	Average annual expenditure per patient	24,54 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Electro-Cardiogramme AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Holter Monitor

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	98,14%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	274.942	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,14	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	239.653	
	Standardised usage rate (per 100 000 insured persons)	2.080	
	Percentage of outpatient care	79,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	67 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	52,79%	
	Ratio Preferential rate/General rate (patients)	1,15	
TRENDS			
	Trend ² (2013-2023)	0,72%	NS
	Trend ³ (2013-2021)	0,83%	NS
	Trend ³ (2021-2023)	0,30%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	24,01	NS
	Coefficient of variation ⁴ (2021-2023)	21,56	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,14	
DIRECT EXPENDITURE			
	Annual expenditure	19.923.970 €	
	Average annual expenditure per insured ⁵	1,73 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,38	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,17	
	Average annual expenditure per patient	83,14 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Monitoring_Holter_ECG_2023.pdf](#)

Medical practice variations – SUMMARY

Cardiac ultrasound

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	94,17%	
Main prescribers:	Not applicable	-	
USAGE RATE			
Number of services per year		1.731.524	
Average occurrence per patient per day (services)		1,00	
Average occurrence per patient per year (days)		1,30	
Total average occurrence		1,30	
Estimated number of patients (per year)		1.331.505	
Standardised usage rate (per 100 000 insured persons)		11.558	
Percentage of outpatient care		83,41%	
POPULATION			
% of the selected population compared to the total number of insured people		100,00%	
Median age of patients		67 years	
Max/min ratio ¹ of the median age (by district*)		1,13	
Percentage of women (patients)		47,74%	
Ratio Preferential rate/General rate (patients)		1,1	
TRENDS			
Trend ² (2013-2023)		1,93%	***
Trend ³ (2013-2021)		1,46%	**
Trend ³ (2021-2023)		3,83%	
GEOGRAPHICAL VARIATIONS			
Coefficient of variation ⁴ (2013-2015)		16,68	NS
Coefficient of variation ⁴ (2021-2023)		16,23	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)		1,23	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)		1,75	
DIRECT EXPENDITURE			
Annual expenditure		115.834.035 €	
Average annual expenditure per insured ⁵		10,05 €	
Max/Min Ratio ¹ of expenditure per insured (by region)		1,26	
Max/Min Ratio ¹ of expenditure per insured (by district*)		1,78	
Average annual expenditure per patient		86,99 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
Variations in practice coding ⁶ (by province)		Yes	***
Variations in the choice of practice alternatives ⁵ (by province)		Yes	***

Link to the report: [RAPPORT-EN-Echographie_cardiaque_2023.pdf](#)

Medical practice variations – SUMMARY

Non-invasive cardiac stress tests

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	95,85%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	951.393	
	Average occurrence per patient per day (services)	1,05	
	Average occurrence per patient per year (days)	1,15	
	Total average occurrence	1,21	
	Estimated number of patients (per year)	788.715	
	Standardised usage rate (per 100 000 insured persons)	6.846	
	Percentage of outpatient care	98,62%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	64 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	41,72%	
	Ratio Preferential rate/General rate (patients)	0,84	
TRENDS			
	Trend ² (2013-2023)	1,27%	NS
	Trend ³ (2013-2021)	0,47%	*
	Trend ³ (2021-2023)	4,57%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	21,43	NS
	Coefficient of variation ⁴ (2021-2023)	31,09	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,18	
DIRECT EXPENDITURE			
	Annual expenditure	48.125.045 €	
	Average annual expenditure per insured ⁵	4,18 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,23	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,48	
	Average annual expenditure per patient	61,02 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Fonction cardiaque sous stress non invasif 2023.pdf](#)

Medical practice variations – SUMMARY

Coronary imaging

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	60,98%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	136.052	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,11	
	Total average occurrence	1,11	
	Estimated number of patients (per year)	122.296	
	Standardised usage rate (per 100 000 insured persons)	1.062	
	Percentage of outpatient care	62,02%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	66 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	39,30%	
	Ratio Preferential rate/General rate (patients)	1,16	
TRENDS			
	Trend ² (2013-2023)	3,75%	***
	Trend ³ (2013-2021)	3,80%	NS
	Trend ³ (2021-2023)	3,53%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	21,5	NS
	Coefficient of variation ⁴ (2021-2023)	17,61	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,14	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,26	
DIRECT EXPENDITURE			
	Annual expenditure	51.253.394 €	
	Average annual expenditure per insured ⁵	4,45 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,07	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,87	
	Average annual expenditure per patient	419,09 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Imagerie des coronaires 2023.pdf](#)

Medical practice variations – SUMMARY

Coronary angiography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	95,60%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	86.801	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,07	
	Total average occurrence	1,07	
	Estimated number of patients (per year)	81.007	
	Standardised usage rate (per 100 000 insured persons)	703	
	Percentage of outpatient care	42,20%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	33,99%	
	Ratio Preferential rate/General rate (patients)	1,28	
TRENDS			
	Trend ² (2013-2023)	1,12%	**
	Trend ³ (2013-2021)	0,99%	NS
	Trend ³ (2021-2023)	1,65%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	18,97	NS
	Coefficient of variation ⁴ (2021-2023)	15,07	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,12	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,97	
DIRECT EXPENDITURE			
	Annual expenditure	44.090.967 €	
	Average annual expenditure per insured ⁵	3,83 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,14	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,95	
	Average annual expenditure per patient	544,28 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Coronarographie_2023.pdf](#)

Medical practice variations – SUMMARY

Cardiac pressure measurement by catheterization

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	96,75%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	21.089	
	Average occurrence per patient per day (services)	1,04	
	Average occurrence per patient per year (days)	1,09	
	Total average occurrence	1,13	
	Estimated number of patients (per year)	18.760	
	Standardised usage rate (per 100 000 insured persons)	163	
	Percentage of outpatient care	16,10%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	68 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	38,63%	
	Ratio Preferential rate/General rate (patients)	1	
TRENDS			
	Trend ² (2013-2023)	3,73%	**
	Trend ³ (2013-2021)	3,92%	NS
	Trend ³ (2021-2023)	3,01%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	55,18	NS
	Coefficient of variation ⁴ (2021-2023)	40,63	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,42	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,97	
DIRECT EXPENDITURE			
	Annual expenditure	4.942.614 €	
	Average annual expenditure per insured ⁵	0,43 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,36	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,35	
	Average annual expenditure per patient	263,47 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Mesure_pressions_cardiaques_par_catheterisme_2023.pdf](#)

Medical practice variations – SUMMARY

Lipid test - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	61,96%	
Main prescribers:	<i>General practitioners</i>	74,65%	
USAGE RATE			
	Number of services per year	19.311.124	
	Average occurrence per patient per day (services)	2,91	
	Average occurrence per patient per year (days)	1,40	
	Total average occurrence	4,08	
	Estimated number of patients (per year)	4.738.093	
	Standardised usage rate (per 100 000 insured persons)	41.128	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	58 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	54,84%	
	Ratio Preferential rate/General rate (patients)	1,01	
TRENDS			
	Trend ² (2013-2023)	1,75%	***
	Trend ³ (2013-2021)	1,55%	***
	Trend ³ (2021-2023)	2,57%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	6,01	NS
	Coefficient of variation ⁴ (2021-2023)	7,09	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,07	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,32	
DIRECT EXPENDITURE			
	Annual expenditure	13.357.782 €	
	Average annual expenditure per insured ⁵	1,16 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,04	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,38	
	Average annual expenditure per patient	2,82 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Bilan_lipidique_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Creatine kinases (blood) - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	57,23%	
Main prescribers:	<i>General practitioners</i>	37,47%	
USAGE RATE			
	Number of services per year	2.525.064	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,45	
	Total average occurrence	1,47	
	Estimated number of patients (per year)	1.714.945	
	Standardised usage rate (per 100 000 insured persons)	14,886	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	59 years	
	Max/min ratio ¹ of the median age (by district*)	1,18	
	Percentage of women (patients)	53,60%	
	Ratio Preferential rate/General rate (patients)	1,24	
TRENDS			
	Trend ² (2013-2023)	1,58%	***
	Trend ³ (2013-2021)	1,18%	NS
	Trend ³ (2021-2023)	3,21%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	23,35	NS
	Coefficient of variation ⁴ (2021-2023)	20,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,27	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,02	
DIRECT EXPENDITURE			
	Annual expenditure	2.184.755 €	
	Average annual expenditure per insured ⁵	0,19 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,31	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,13	
	Average annual expenditure per patient	1,27 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Creatines kinases sang AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Dosing Troponine T - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	53,44%	
Main prescribers:	<i>General practitioners</i>	32,50%	
USAGE RATE			
	Number of services per year	469.018	
	Average occurrence per patient per day (services)	1,11	
	Average occurrence per patient per year (days)	1,24	
	Total average occurrence	1,37	
	Estimated number of patients (per year)	342.858	
	Standardised usage rate (per 100 000 insured persons)	2.976	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	63 years	
	Max/min ratio ¹ of the median age (by district*)	1,14	
	Percentage of women (patients)	49,48%	
	Ratio Preferential rate/General rate (patients)	1,35	
TRENDS			
	Trend ² (2013-2023)	5,99%	**
	Trend ³ (2013-2021)	7,17%	*
	Trend ³ (2021-2023)	1,39%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	59,37	NS
	Coefficient of variation ⁴ (2021-2023)	44,53	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,61	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	8,71	
DIRECT EXPENDITURE			
	Annual expenditure	1.413.617 €	
	Average annual expenditure per insured ⁵	0,12 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,67	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	9,5	
	Average annual expenditure per patient	4,12 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dosage de la troponine T AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Cardiac electrophysiology

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	99,57%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	20.351	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,08	
	Total average occurrence	1,10	
	Estimated number of patients (per year)	18.457	
	Standardised usage rate (per 100 000 insured persons)	160	
	Percentage of outpatient care	14,96%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	66 years	
	Max/min ratio ¹ of the median age (by district*)	1,17	
	Percentage of women (patients)	39,17%	
	Ratio Preferential rate/General rate (patients)	0,76	
TRENDS			
	Trend ² (2013-2023)	3,39%	**
	Trend ³ (2013-2021)	2,72%	NS
	Trend ³ (2021-2023)	6,12%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	27,75	NS
	Coefficient of variation ⁴ (2021-2023)	20,74	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,05	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,32	
DIRECT EXPENDITURE			
	Annual expenditure	81.773.490 €	
	Average annual expenditure per insured ⁵	7,1 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,04	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,33	
	Average annual expenditure per patient	4430,61 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Electrophysiologie cardiaque 2023.pdf](#)

Medical practice variations – SUMMARY

Pacemaker (1st implant)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Bandagogues, orthopaedists, im-</i>	100,00%	
Main prescribers:	<i>Cardiology</i>	90,76%	
USAGE RATE			
	Number of services per year	9.176	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	9.169	
	Standardised usage rate (per 100 000 insured persons)	80	
	Percentage of outpatient care	1,01%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	80 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	40,90%	
	Ratio Preferential rate/General rate (patients)	1,08	
TRENDS			
	Trend ² (2013-2023)	-1,07%	NS
	Trend ³ (2013-2021)	-1,36%	NS
	Trend ³ (2021-2023)	0,07%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	13,97	NS
	Coefficient of variation ⁴ (2021-2023)	12,6	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,28	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,96	
DIRECT EXPENDITURE			
	Annual expenditure	32.897.722 €	
	Average annual expenditure per insured ⁵	2,86 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,28	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,96	
	Average annual expenditure per patient	3587,97 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Stimulateur cardiaque 1er implant 2023.pdf](#)

Medical practice variations – SUMMARY

Myocardial reperfusion

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Cardiology	86,09%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	36.770	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,14	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	32.008	
	Standardised usage rate (per 100 000 insured persons)	278	
	Percentage of outpatient care	10,89%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	24,87%	
	Ratio Preferential rate/General rate (patients)	1,26	
TRENDS			
	Trend ² (2013-2023)	0,97%	NS
	Trend ³ (2013-2021)	1,19%	NS
	Trend ³ (2021-2023)	0,10%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	17,77	NS
	Coefficient of variation ⁴ (2021-2023)	19,54	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,25	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,18	
DIRECT EXPENDITURE			
	Annual expenditure	107.558.533 €	
	Average annual expenditure per insured ⁵	9,34 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,25	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,85	
	Average annual expenditure per patient	3360,33 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Reperfusion_myocardique_2023.pdf](#)

B. Peripheral vessels

Carotid ultrasound

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	46,11%	
Main prescribers:	Not applicable	-	
USAGE RATE			
Number of services per year		205.630	
Average occurrence per patient per day (services)		1,00	
Average occurrence per patient per year (days)		1,07	
Total average occurrence		1,07	
Estimated number of patients (per year)		192.423	
Standardised usage rate (per 100 000 insured persons)		1.670	
Percentage of outpatient care		80,55%	
POPULATION			
% of the selected population compared to the total number of insured people		100,00%	
Median age of patients		70 years	
Max/min ratio ¹ of the median age (by district*)		1,07	
Percentage of women (patients)		48,78%	
Ratio Preferential rate/General rate (patients)		1,21	
TRENDS			
Trend ² (2013-2023)		-0,98%	*
Trend ³ (2013-2021)		-1,84%	*
Trend ³ (2021-2023)		2,51%	
GEOGRAPHICAL VARIATIONS			
Coefficient of variation ⁴ (2013-2015)		25,55	NS
Coefficient of variation ⁴ (2021-2023)		39,37	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)		2,03	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)		4,84	
DIRECT EXPENDITURE			
Annual expenditure		16.406.354 €	
Average annual expenditure per insured ⁵		1,42 €	
Max/Min Ratio ¹ of expenditure per insured (by region)		2,11	
Max/Min Ratio ¹ of expenditure per insured (by district*)		4,83	
Average annual expenditure per patient		85,26 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
Variations in practice coding ⁶ (by province)		Yes	***
Variations in the choice of practice alternatives ⁶ (by province)		Yes	***

Link to the report: [RAPPORT-EN-Echographie_carotidienne_2023.pdf](#)

Medical practice variations – SUMMARY

Limb venography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	82,69%	
Main prescribers:	Specialists in training	21,66%	
USAGE RATE			
	Number of services per year	2.065	
	Average occurrence per patient per day (services)	1,05	
	Average occurrence per patient per year (days)	1,15	
	Total average occurrence	1,21	
	Estimated number of patients (per year)	1.691	
	Standardised usage rate (per 100 000 insured persons)	15	
	Percentage of outpatient care	38,40%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	68 years	
	Max/min ratio ¹ of the median age (by district*)	1,46	
	Percentage of women (patients)	43,81%	
	Ratio Preferential rate/General rate (patients)	2,3	
TRENDS			
	Trend ² (2013-2023)	0,26%	NS
	Trend ³ (2013-2021)	2,05%	***
	Trend ³ (2021-2023)	-6,59%	***
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	86,69	NS
	Coefficient of variation ⁴ (2021-2023)	99,08	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,28	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	14,55	
DIRECT EXPENDITURE			
	Annual expenditure	159.525 €	
	Average annual expenditure per insured ⁵	0,01 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,29	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	19,5	
	Average annual expenditure per patient	94,36 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Phlebographie_peripherique_dun_membre_2023.pdf](#)

Medical practice variations – SUMMARY

Varicose surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>General surgery</i>	99,71%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	38.148	
	Average occurrence per patient per day (services)	1,10	
	Average occurrence per patient per year (days)	1,16	
	Total average occurrence	1,27	
	Estimated number of patients (per year)	30.054	
	Standardised usage rate (per 100 000 insured persons)	261	
	Percentage of outpatient care	95,28%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	55 years	
	Max/min ratio ¹ of the median age (by district*)	1,14	
	Percentage of women (patients)	71,51%	
	Ratio Preferential rate/General rate (patients)	0,66	
TRENDS			
	Trend ² (2013-2023)	-0,64%	*
	Trend ³ (2013-2021)	-3,44%	***
	Trend ³ (2021-2023)	11,41%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	25,28	NS
	Coefficient of variation ⁴ (2021-2023)	25,58	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,59	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,34	
DIRECT EXPENDITURE			
	Annual expenditure	11.945.490 €	
	Average annual expenditure per insured ⁵	1,04 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,55	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,93	
	Average annual expenditure per patient	397,47 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Varices_2023.pdf](#)

12. MUSCULOSKELETAL SYSTEM

A. Spine

Spine Imaging

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	98,79%	
Main prescribers:	General practitioners	44,56%	
USAGE RATE			
	Number of services per year	1.113.156	
	Average occurrence per patient per day (services)	1,07	
	Average occurrence per patient per year (days)	1,30	
	Total average occurrence	1,39	
	Estimated number of patients (per year)	800.594	
	Standardised usage rate (per 100 000 insured persons)	6.949	
	Percentage of outpatient care	93,18%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	56 years	
	Max/min ratio ¹ of the median age (by district*)	1,15	
	Percentage of women (patients)	58,04%	
	Ratio Preferential rate/General rate (patients)	1,31	
TRENDS			
	Trend ² (2013-2023)	-2,05%	***
	Trend ³ (2013-2021)	-2,72%	***
	Trend ³ (2021-2023)	0,67%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	9,87	NS
	Coefficient of variation ⁴ (2021-2023)	14,83	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,29	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,87	
DIRECT EXPENDITURE			
	Annual expenditure	91.626.162 €	
	Average annual expenditure per insured ⁵	7,95 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,36	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,1	
	Average annual expenditure per patient	114,45 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Imagerie colonne vertebrale 2023.pdf](#)

Medical practice variations – SUMMARY

Spinal manipulation

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Physical medicine</i>	99,96%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	53.129	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,71	
	Total average occurrence	1,71	
	Estimated number of patients (per year)	31.169	
	Standardised usage rate (per 100 000 insured persons)	271	
	Percentage of outpatient care	99,87%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	54 years	
	Max/min ratio ¹ of the median age (by district*)	1,33	
	Percentage of women (patients)	63,50%	
	Ratio Preferential rate/General rate (patients)	0,69	
TRENDS			
	Trend ² (2013-2023)	-5,98%	***
	Trend ³ (2013-2021)	-5,32%	NS
	Trend ³ (2021-2023)	-8,58%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	114,3	NS
	Coefficient of variation ⁴ (2021-2023)	126,37	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	11,83	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	422,87	
DIRECT EXPENDITURE			
	Annual expenditure	807.878 €	
	Average annual expenditure per insured ⁵	0,07 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	14,64	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	546,34	
	Average annual expenditure per patient	25,92 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Manipulations vertebrales 2023.pdf](#)

Medical practice variations – SUMMARY

Spine surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurosurgery	73,67%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	38.516	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,07	
	Total average occurrence	1,09	
	Estimated number of patients (per year)	35.485	
	Standardised usage rate (per 100 000 insured persons)	308	
	Percentage of outpatient care	0,83%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	59 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	51,95%	
	Ratio Preferential rate/General rate (patients)	1,25	
TRENDS			
	Trend ² (2013-2023)	-0,18%	NS
	Trend ³ (2013-2021)	-0,91%	NS
	Trend ³ (2021-2023)	2,81%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	28,07	NS
	Coefficient of variation ⁴ (2021-2023)	22,7	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,76	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,37	
DIRECT EXPENDITURE			
	Annual expenditure	34.385.503 €	
	Average annual expenditure per insured ⁵	2,98 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,63	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,15	
	Average annual expenditure per patient	969,02 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Chirurgie_vertebrale_2023.pdf](#)

B. Upper limbs

Rotator Cuff Surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	99,90%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	13.500	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,02	
	Estimated number of patients (per year)	13.233	
	Standardised usage rate (per 100 000 insured persons)	115	
	Percentage of outpatient care	44,95%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	59 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	51,36%	
	Ratio Preferential rate/General rate (patients)	0,89	
TRENDS			
	Trend ² (2014-2023)	-0,52%	NS
	Trend ³ (2014-2021)	-0,88%	NS
	Trend ³ (2021-2023)	0,76%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2014-2016)	39,33	NS
	Coefficient of variation ⁴ (2021-2023)	38,34	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,8	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	5,37	
DIRECT EXPENDITURE			
	Annual expenditure	7.556.335 €	
	Average annual expenditure per insured ⁵	0,66 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,7	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,22	
	Average annual expenditure per patient	571,02 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Epaul e coiffe des rotateurs Rupture 2023.pdf](#)

Medical practice variations – SUMMARY

Treatment of fractures (forearm)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	55,44%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	61.641	
	Average occurrence per patient per day (services)	1,05	
	Average occurrence per patient per year (days)	1,22	
	Total average occurrence	1,28	
	Estimated number of patients (per year)	48.159	
	Standardised usage rate (per 100 000 insured persons)	418	
	Percentage of outpatient care	82,51%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	40 years	
	Max/min ratio ¹ of the median age (by district*)	1,93	
	Percentage of women (patients)	57,38%	
	Ratio Preferential rate/General rate (patients)	0,94	
TRENDS			
	Trend ² (2013-2023)	4,63%	***
	Trend ³ (2013-2021)	5,27%	NS
	Trend ³ (2021-2023)	2,09%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	10,8	NS
	Coefficient of variation ⁴ (2021-2023)	12,01	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,3	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,57	
DIRECT EXPENDITURE			
	Annual expenditure	8.938.271 €	
	Average annual expenditure per insured ⁵	0,78 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,28	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,6	
	Average annual expenditure per patient	185,6 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Fracture_avant-bras_2023.pdf](#)

Medical practice variations – SUMMARY

Carpal tunnel

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	80,24%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	36.348	
	Average occurrence per patient per day (services)	1,02	
	Average occurrence per patient per year (days)	1,13	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	31.670	
	Standardised usage rate (per 100 000 insured persons)	275	
	Percentage of outpatient care	97,89%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	62,00%	
	Ratio Preferential rate/General rate (patients)	1	
TRENDS			
	Trend ² (2013-2023)	2,34%	*
	Trend ³ (2013-2021)	1,88%	NS
	Trend ³ (2021-2023)	4,17%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	19,06	NS
	Coefficient of variation ⁴ (2021-2023)	19,34	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,03	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,86	
DIRECT EXPENDITURE			
	Annual expenditure	7.618.783 €	
	Average annual expenditure per insured ⁵	0,66 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,1	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,84	
	Average annual expenditure per patient	240,57 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Canal_Carprien_2023.pdf](#)

Medical practice variations – SUMMARY

Trigger finger surgery

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	87,06%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	14.478	
	Average occurrence per patient per day (services)	1,17	
	Average occurrence per patient per year (days)	1,05	
	Total average occurrence	1,23	
	Estimated number of patients (per year)	11.801	
	Standardised usage rate (per 100 000 insured persons)	102	
	Percentage of outpatient care	98,66%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	63 years	
	Max/min ratio ¹ of the median age (by district*)	1,14	
	Percentage of women (patients)	60,92%	
	Ratio Preferential rate/General rate (patients)	0,95	
TRENDS			
	Trend ² (2013-2023)	4,27%	*
	Trend ³ (2013-2021)	5,22%	*
	Trend ³ (2021-2023)	0,52%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	23,35	NS
	Coefficient of variation ⁴ (2021-2023)	28,11	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,91	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,94	
DIRECT EXPENDITURE			
	Annual expenditure	1.450.042 €	
	Average annual expenditure per insured ⁵	0,13 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,95	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,98	
	Average annual expenditure per patient	122,88 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Chirurgie du doigt a ressaut 2023.pdf](#)

C. Lower limbs

Hip prosthesis

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	99,34%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	32.820	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,04	
	Estimated number of patients (per year)	31.688	
	Standardised usage rate (per 100 000 insured persons)	275	
	Percentage of outpatient care	0,59%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	72 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	59,14%	
	Ratio Preferential rate/General rate (patients)	0,99	
TRENDS			
	Trend ² (2013-2023)	2,09%	**
	Trend ³ (2013-2021)	1,21%	NS
	Trend ³ (2021-2023)	5,68%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	11,59	NS
	Coefficient of variation ⁴ (2021-2023)	11,59	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,43	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,45	
DIRECT EXPENDITURE			
	Annual expenditure	29.437.781 €	
	Average annual expenditure per insured ⁵	2,56 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,46	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,52	
	Average annual expenditure per patient	928,98 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Prothese de hanche 2023.pdf](#)

Medical practice variations – SUMMARY

Meniscectomy (≥ 15 years)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	99,88%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	20.286	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,02	
	Estimated number of patients (per year)	19.910	
	Standardised usage rate (per 100 000 insured persons)	206	
	Percentage of outpatient care	92,83%	
POPULATION			
	% of the selected population compared to the total number of insured people	83,84%	
	Median age of patients	51 years	
	Max/min ratio ¹ of the median age (by district*)	1,2	
	Percentage of women (patients)	36,74%	
	Ratio Preferential rate/General rate (patients)	0,66	
TRENDS			
	Trend ² (2013-2023)	-6,84%	***
	Trend ³ (2013-2021)	-6,96%	***
	Trend ³ (2021-2023)	-6,36%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	32,02	NS
	Coefficient of variation ⁴ (2021-2023)	31,98	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,35	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,4	
DIRECT EXPENDITURE			
	Annual expenditure	5.954.296 €	
	Average annual expenditure per insured ⁵	0,62 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,34	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,07	
	Average annual expenditure per patient	299,06 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Meniscectomie_15_et_plus_2023.pdf](#)

Medical practice variations – SUMMARY

Knee prosthesis

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	99,92%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	28.270	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,03	
	Total average occurrence	1,04	
	Estimated number of patients (per year)	27.200	
	Standardised usage rate (per 100 000 insured persons)	236	
	Percentage of outpatient care	0,27%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,08	
	Percentage of women (patients)	59,17%	
	Ratio Preferential rate/General rate (patients)	1,01	
TRENDS			
	Trend ² (2013-2023)	1,79%	NS
	Trend ³ (2013-2021)	-0,20%	**
	Trend ³ (2021-2023)	10,19%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	14,71	NS
	Coefficient of variation ⁴ (2021-2023)	14,65	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,39	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,77	
DIRECT EXPENDITURE			
	Annual expenditure	24.811.101 €	
	Average annual expenditure per insured ⁵	2,15 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,37	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,77	
	Average annual expenditure per patient	912,16 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Prothese de genou 2023.pdf](#)

Medical practice variations – SUMMARY

Treatment of fractures (ankle)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	56,51%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	25.258	
	Average occurrence per patient per day (services)	1,03	
	Average occurrence per patient per year (days)	1,20	
	Total average occurrence	1,24	
	Estimated number of patients (per year)	20.359	
	Standardised usage rate (per 100 000 insured persons)	177	
	Percentage of outpatient care	72,84%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	50 years	
	Max/min ratio ¹ of the median age (by district*)	1,32	
	Percentage of women (patients)	59,51%	
	Ratio Preferential rate/General rate (patients)	1,03	
TRENDS			
	Trend ² (2013-2023)	3,44%	***
	Trend ³ (2013-2021)	2,61%	*
	Trend ³ (2021-2023)	6,82%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	13,01	NS
	Coefficient of variation ⁴ (2021-2023)	11,46	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,6	
DIRECT EXPENDITURE			
	Annual expenditure	3.792.541 €	
	Average annual expenditure per insured ⁵	0,33 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,2	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,5	
	Average annual expenditure per patient	186,28 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Fracture malleolaire cheville 2023.pdf](#)

Medical practice variations – SUMMARY

Forefoot surgery (hallux)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	99,94%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	12.133	
	Average occurrence per patient per day (services)	1,05	
	Average occurrence per patient per year (days)	1,05	
	Total average occurrence	1,10	
	Estimated number of patients (per year)	11.084	
	Standardised usage rate (per 100 000 insured persons)	96	
	Percentage of outpatient care	36,67%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	80,05%	
	Ratio Preferential rate/General rate (patients)	0,88	
TRENDS			
	Trend ² (2013-2023)	-1,02%	***
	Trend ³ (2013-2021)	-2,77%	NS
	Trend ³ (2021-2023)	6,31%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	14,33	NS
	Coefficient of variation ⁴ (2021-2023)	14,15	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,57	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,56	
DIRECT EXPENDITURE			
	Annual expenditure	5.314.153 €	
	Average annual expenditure per insured ⁵	0,46 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,48	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,8	
	Average annual expenditure per patient	479,44 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Hallux_valgus_flexus_varus_et_rigidus_2023.pdf](#)

D. Unspecified

Rheumatological evaluation

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Rheumatology</i>	99,50%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	97.709	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,50	
	Total average occurrence	1,50	
	Estimated number of patients (per year)	65.195	
	Standardised usage rate (per 100 000 insured persons)	566	
	Percentage of outpatient care	99,84%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	61 years	
	Max/min ratio ¹ of the median age (by district*)	1,14	
	Percentage of women (patients)	60,06%	
	Ratio Preferential rate/General rate (patients)	1,08	
TRENDS			
	Trend ² (2013-2023)	6,22%	***
	Trend ³ (2013-2021)	5,22%	*
	Trend ³ (2021-2023)	10,30%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	45,52	NS
	Coefficient of variation ⁴ (2021-2023)	38,54	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,94	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	5,29	
DIRECT EXPENDITURE			
	Annual expenditure	7.151.652 €	
	Average annual expenditure per insured ⁵	0,62 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,02	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,67	
	Average annual expenditure per patient	109,7 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Evaluation rhumatologique 2023.pdf](#)

Medical practice variations – SUMMARY

Bone densitometry (≥ 50 years)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	40,74%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	62.048	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	62.035	
	Standardised usage rate (per 100 000 insured persons)	1.320	
	Percentage of outpatient care	87,93%	
POPULATION			
	% of the selected population compared to the total number of insured people	40,78%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,12	
	Percentage of women (patients)	83,56%	
	Ratio Preferential rate/General rate (patients)	1,01	
TRENDS			
	Trend ² (2013-2023)	2,55%	*
	Trend ³ (2013-2021)	0,35%	***
	Trend ³ (2021-2023)	11,82%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	32,27	NS
	Coefficient of variation ⁴ (2021-2023)	25,98	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,47	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,27	
DIRECT EXPENDITURE			
	Annual expenditure	2.365.223 €	
	Average annual expenditure per insured ⁵	0,5 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,47	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,28	
	Average annual expenditure per patient	38,13 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Osteodensitometrie 50 et plus 2023.pdf](#)

Medical practice variations – SUMMARY

Arthrography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	99,96%	
Main prescribers:	General practitioners	41,11%	
USAGE RATE			
	Number of services per year	492.012	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,16	
	Total average occurrence	1,18	
	Estimated number of patients (per year)	418.406	
	Standardised usage rate (per 100 000 insured persons)	3.632	
	Percentage of outpatient care	98,91%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	52 years	
	Max/min ratio ¹ of the median age (by district*)	1,06	
	Percentage of women (patients)	52,03%	
	Ratio Preferential rate/General rate (patients)	0,88	
TRENDS			
	Trend ² (2013-2023)	2,83%	***
	Trend ³ (2013-2021)	2,24%	NS
	Trend ³ (2021-2023)	5,23%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	17,69	NS
	Coefficient of variation ⁴ (2021-2023)	17,58	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,06	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,51	
DIRECT EXPENDITURE			
	Annual expenditure	33.133.896 €	
	Average annual expenditure per insured ⁵	2,88 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,14	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,91	
	Average annual expenditure per patient	79,19 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Arthrographie_2023.pdf](#)

E. Global functions

Electromyography

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Physical medicine</i>	62,62%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	333.775	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,15	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	289.264	
	Standardised usage rate (per 100 000 insured persons)	2.511	
	Percentage of outpatient care	95,07%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	59,18%	
	Ratio Preferential rate/General rate (patients)	1,4	
TRENDS			
	Trend ² (2013-2023)	-0,82%	**
	Trend ³ (2013-2021)	-1,25%	**
	Trend ³ (2021-2023)	0,93%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	25,87	NS
	Coefficient of variation ⁴ (2021-2023)	19,78	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,29	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,79	
DIRECT EXPENDITURE			
	Annual expenditure	26.116.651 €	
	Average annual expenditure per insured ⁵	2,27 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,2	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,76	
	Average annual expenditure per patient	90,29 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Electromyographie_2023.pdf](#)

Medical practice variations – SUMMARY

Rehabilitation plan

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Physical medicine</i>	99,88%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	99.574	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,05	
	Total average occurrence	1,05	
	Estimated number of patients (per year)	94.951	
	Standardised usage rate (per 100 000 insured persons)	824	
	Percentage of outpatient care	13,95%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	71 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	57,77%	
	Ratio Preferential rate/General rate (patients)	1,35	
TRENDS			
	Trend ² (2013-2023)	2,62%	NS
	Trend ³ (2013-2021)	1,29%	NS
	Trend ³ (2021-2023)	8,14%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	34,37	NS
	Coefficient of variation ⁴ (2021-2023)	39,23	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,73	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	6	
DIRECT EXPENDITURE			
	Annual expenditure	6.522.485 €	
	Average annual expenditure per insured ⁵	0,57 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,64	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,99	
	Average annual expenditure per patient	68,69 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Plan_de_reeducation_2023.pdf](#)

13. ENDOCRINE SYSTEM

Thyroid ultrasound

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	79,32%	
Main prescribers:	General practitioners	35,61%	
USAGE RATE			
	Number of services per year	218.934	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,14	
	Total average occurrence	1,14	
	Estimated number of patients (per year)	192.847	
	Standardised usage rate (per 100 000 insured persons)	1.674	
	Percentage of outpatient care	95,92%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	54 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	72,44%	
	Ratio Preferential rate/General rate (patients)	1,17	
TRENDS			
	Trend ² (2013-2023)	1,93%	*
	Trend ³ (2013-2021)	1,85%	NS
	Trend ³ (2021-2023)	2,26%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	47,04	NS
	Coefficient of variation ⁴ (2021-2023)	37,83	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,95	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,97	
DIRECT EXPENDITURE			
	Annual expenditure	6.204.733 €	
	Average annual expenditure per insured ⁵	0,54 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,88	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,91	
	Average annual expenditure per patient	32,17 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Echographie de la thyroïde 2023.pdf](#)

Medical practice variations – SUMMARY

TSH, T3, T4 dosage - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	60,71%	
Main prescribers:	<i>General practitioners</i>	65,56%	
USAGE RATE			
Number of services per year		12.976.436	
Average occurrence per patient per day (services)		1,64	
Average occurrence per patient per year (days)		1,53	
Total average occurrence		2,51	
Estimated number of patients (per year)		5.166.263	
Standardised usage rate (per 100 000 insured persons)		44.844	
Percentage of outpatient care		100,00%	
POPULATION			
% of the selected population compared to the total number of insured people		100,00%	
Median age of patients		56 years	
Max/min ratio ¹ of the median age (by district*)		1,11	
Percentage of women (patients)		58,17%	
Ratio Preferential rate/General rate (patients)		1,02	
TRENDS			
Trend ² (2013-2023)		2,41%	***
Trend ³ (2013-2021)		2,49%	NS
Trend ³ (2021-2023)		2,09%	
GEOGRAPHICAL VARIATIONS			
Coefficient of variation ⁴ (2013-2015)		7,73	NS
Coefficient of variation ⁴ (2021-2023)		5,9	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)		1,09	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)		1,23	
DIRECT EXPENDITURE			
Annual expenditure		27.911.464 €	
Average annual expenditure per insured ⁵		2,42 €	
Max/Min Ratio ¹ of expenditure per insured (by region)		1,2	
Max/Min Ratio ¹ of expenditure per insured (by district*)		1,55	
Average annual expenditure per patient		5,4 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
Variations in practice coding ⁶ (by province)		Yes	***
Variations in the choice of practice alternatives ⁶ (by province)		NA	NA

Link to the report: [RAPPORT-EN-Dosage_TSH_T3_T4_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Dosing intact parathyroid hormone - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	54,23%	
Main prescribers:	<i>General practitioners</i>	37,19%	
USAGE RATE			
	Number of services per year	673.386	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,42	
	Total average occurrence	1,42	
	Estimated number of patients (per year)	473.150	
	Standardised usage rate (per 100 000 insured persons)	4.107	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,26	
	Percentage of women (patients)	61,47%	
	Ratio Preferential rate/General rate (patients)	1,43	
TRENDS			
	Trend ² (2013-2023)	5,44%	***
	Trend ³ (2013-2021)	6,76%	***
	Trend ³ (2021-2023)	0,31%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	54,42	NS
	Coefficient of variation ⁴ (2021-2023)	55,04	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,39	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,93	
DIRECT EXPENDITURE			
	Annual expenditure	2.319.284 €	
	Average annual expenditure per insured ⁵	0,2 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,25	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,8	
	Average annual expenditure per patient	4,9 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dosage de parathormone intacte AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Dosing glucose (blood)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	59,73%	
Main prescribers:	<i>General practitioners</i>	54,25%	
USAGE RATE			
	Number of services per year	10.048.674	
	Average occurrence per patient per day (services)	1,06	
	Average occurrence per patient per year (days)	1,76	
	Total average occurrence	1,86	
	Estimated number of patients (per year)	5.393.583	
	Standardised usage rate (per 100 000 insured persons)	46.817	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	57 years	
	Max/min ratio ¹ of the median age (by district*)	1,15	
	Percentage of women (patients)	55,98%	
	Ratio Preferential rate/General rate (patients)	1,05	
TRENDS			
	Trend ² (2013-2023)	2,04%	***
	Trend ³ (2013-2021)	1,86%	***
	Trend ³ (2021-2023)	2,75%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	6,1	NS
	Coefficient of variation ⁴ (2021-2023)	6,8	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,08	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,28	
DIRECT EXPENDITURE			
	Annual expenditure	4.298.899 €	
	Average annual expenditure per insured ⁵	0,37 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,06	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,38	
	Average annual expenditure per patient	0,8 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	**
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Dosage du glucose sang 2023.pdf](#)

Medical practice variations – SUMMARY

Supervision of type 2 diabetes in 1st line

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General practitioners	91,81%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	216.015	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,02	
	Estimated number of patients (per year)	212.224	
	Standardised usage rate (per 100 000 insured persons)	1.842	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	68 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	44,72%	
	Ratio Preferential rate/General rate (patients)	1,72	
TRENDS			
	Trend ² (2013-2023)	9,85%	***
	Trend ³ (2013-2021)	9,70%	***
	Trend ³ (2021-2023)	10,45%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	45,2	NS
	Coefficient of variation ⁴ (2021-2023)	27,81	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,55	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,92	
DIRECT EXPENDITURE			
	Annual expenditure	34.204.904 €	
	Average annual expenditure per insured ⁵	2,97 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,17	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,64	
	Average annual expenditure per patient	161,17 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Suivi dun patient diabetique de type 2 2023.pdf](#)

Medical practice variations – SUMMARY

Diabetes education

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Nurses</i>	85,90%	
Main prescribers:	<i>General practitioners</i>	98,29%	
USAGE RATE			
	Number of services per year	96.994	
	Average occurrence per patient per day (services)	1,64	
	Average occurrence per patient per year (days)	2,07	
	Total average occurrence	3,40	
	Estimated number of patients (per year)	28.653	
	Standardised usage rate (per 100 000 insured persons)	249	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	68 years	
	Max/min ratio ¹ of the median age (by district*)	1,14	
	Percentage of women (patients)	44,41%	
	Ratio Preferential rate/General rate (patients)	1,77	
TRENDS			
	Trend ² (2019-2023)	6,39%	NS
	Trend ³ (2019-2021)	9,36%	NS
	Trend ³ (2021-2023)	3,49%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2019-2021)	66,92	NS
	Coefficient of variation ⁴ (2021-2023)	64,62	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	6,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	31,57	
DIRECT EXPENDITURE			
	Annual expenditure	2.463.409 €	
	Average annual expenditure per insured ⁵	0,21 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	6,41	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	44,48	
	Average annual expenditure per patient	85,97 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Education_diabete_2023.pdf](#)

14. INFECTIOUS DISEASES

Screening Chlamydia T - N gonorrhoeae - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	57,29%	
Main prescribers:	<i>General practitioners</i>	45,48%	
USAGE RATE			
	Number of services per year	419.258	
	Average occurrence per patient per day (services)	1,03	
	Average occurrence per patient per year (days)	1,17	
	Total average occurrence	1,21	
	Estimated number of patients (per year)	347.271	
	Standardised usage rate (per 100 000 insured persons)	3.014	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	31 years	
	Max/min ratio ¹ of the median age (by district*)	1	
	Percentage of women (patients)	67,56%	
	Ratio Preferential rate/General rate (patients)	1,21	
TRENDS			
	Trend ² (2013-2023)	5,97%	***
	Trend ³ (2013-2021)	10,02%	***
	Trend ³ (2021-2023)	-8,78%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	43,5	NS
	Coefficient of variation ⁴ (2021-2023)	25,91	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,03	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,5	
DIRECT EXPENDITURE			
	Annual expenditure	4.262.850 €	
	Average annual expenditure per insured ⁵	0,37 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,04	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,45	
	Average annual expenditure per patient	12,28 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Screening_Chlamydia T- N_gonorrhoeae_AMBU_2023.pdf](#)

Medical practice variations – SUMMARY

Testing for HIV antibodies - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	53,35%	
Main prescribers:	<i>General practitioners</i>	46,84%	
USAGE RATE			
	Number of services per year	694.749	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,19	
	Total average occurrence	1,19	
	Estimated number of patients (per year)	581.568	
	Standardised usage rate (per 100 000 insured persons)	5.048	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	34 years	
	Max/min ratio ¹ of the median age (by district*)	1,13	
	Percentage of women (patients)	58,95%	
	Ratio Preferential rate/General rate (patients)	1,21	
TRENDS			
	Trend ² (2013-2023)	0,51%	NS
	Trend ³ (2013-2021)	-0,20%	NS
	Trend ³ (2021-2023)	3,37%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	26,84	NS
	Coefficient of variation ⁴ (2021-2023)	31,2	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,41	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,44	
DIRECT EXPENDITURE			
	Annual expenditure	1.493.139 €	
	Average annual expenditure per insured ⁵	0,13 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,44	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,38	
	Average annual expenditure per patient	2,57 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Recherche des anticorps HIV AMBU 2023.pdf](#)

15. CROSS-SYSTEM SERVICES

Patient file's global management

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General practitioners	93,80%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	9.744.220	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,01	
	Estimated number of patients (per year)	9.694.392	
	Standardised usage rate (per 100 000 insured persons)	84.149	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	44 years	
	Max/min ratio ¹ of the median age (by district*)	1,09	
	Percentage of women (patients)	52,22%	
	Ratio Preferential rate/General rate (patients)	0,91	
TRENDS			
	Trend ² (2013-2023)	4,28%	***
	Trend ³ (2013-2021)	5,23%	**
	Trend ³ (2021-2023)	0,55%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	23,14	NS
	Coefficient of variation ⁴ (2021-2023)	6,79	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,16	
DIRECT EXPENDITURE			
	Annual expenditure	378.855.167 €	
	Average annual expenditure per insured ⁵	32,89 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,19	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,16	
	Average annual expenditure per patient	39,08 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	NA	NA

 Link to the report: [RAPPORT-EN-Dossier_medical_global_2023.pdf](#)

Medical practice variations – SUMMARY

Consultations and visits in general practice

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General practitioners	99,31%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	50.710.726	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	5,35	
	Total average occurrence	5,37	
	Estimated number of patients (per year)	9.463.300	
	Standardised usage rate (per 100 000 insured persons)	82,143	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	45 years	
	Max/min ratio ¹ of the median age (by district*)	1,12	
	Percentage of women (patients)	52,84%	
	Ratio Preferential rate/General rate (patients)	0,89	
TRENDS			
	Trend ² (2013-2023)	0,63%	***
	Trend ³ (2013-2021)	-0,30%	**
	Trend ³ (2021-2023)	4,44%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	9,98	NS
	Coefficient of variation ⁴ (2021-2023)	9,58	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,4	
DIRECT EXPENDITURE			
	Annual expenditure	1.434.148.631 €	
	Average annual expenditure per insured ⁵	124,49 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,68	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,62	
	Average annual expenditure per patient	151,55 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Consultations et visites en medecine generale 2023.pdf](#)

Medical practice variations – SUMMARY

Contacts in general medicine

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General practitioners	98,08%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	60.464.613	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	6,26	
	Total average occurrence	6,29	
	Estimated number of patients (per year)	9.534.651	
	Standardised usage rate (per 100 000 insured persons)	82.763	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	46 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	52,84%	
	Ratio Preferential rate/General rate (patients)	0,9	
TRENDS			
	Trend ² (2013-2023)	2,32%	***
	Trend ³ (2013-2021)	2,65%	*
	Trend ³ (2021-2023)	1,05%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	9,8	NS
	Coefficient of variation ⁴ (2021-2023)	8,49	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,3	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,35	
DIRECT EXPENDITURE			
	Annual expenditure	1.507.466.416 €	
	Average annual expenditure per insured ⁵	130,85 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,68	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,56	
	Average annual expenditure per patient	158,1 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Contacts_en_medicine_generale_2023.pdf](#)

Medical practice variations – SUMMARY

Outpatient pediatric consultation

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Paediatrics</i>	98,72%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	2.050.601	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	3,01	
	Total average occurrence	3,03	
	Estimated number of patients (per year)	685.976	
	Standardised usage rate (per 100 000 insured persons)	5.954	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	4 years	
	Max/min ratio ¹ of the median age (by district*)	1,67	
	Percentage of women (patients)	48,44%	
	Ratio Preferential rate/General rate (patients)	0,85	
TRENDS			
	Trend ² (2013-2023)	1,23%	**
	Trend ³ (2013-2021)	-0,29%	***
	Trend ³ (2021-2023)	7,53%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	19,05	NS
	Coefficient of variation ⁴ (2021-2023)	19,31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,35	
DIRECT EXPENDITURE			
	Annual expenditure	72.486.201 €	
	Average annual expenditure per insured ⁵	6,29 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,37	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,15	
	Average annual expenditure per patient	105,67 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Consultation pediatrique ambulatoire 2023.pdf](#)

Medical practice variations – SUMMARY

Outpatient multidisciplinary geriatric evaluation

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Geriatrics</i>	100,00%	
Main prescribers:	<i>General practitioners</i>	98,21%	
USAGE RATE			
	Number of services per year	36.534	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,19	
	Total average occurrence	1,20	
	Estimated number of patients (per year)	30.534	
	Standardised usage rate (per 100 000 insured persons)	2.579	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	10,28%	
	Median age of patients	85 years	
	Max/min ratio ¹ of the median age (by district*)	1,02	
	Percentage of women (patients)	65,94%	
	Ratio Preferential rate/General rate (patients)	1,23	
TRENDS			
	Trend ² (2013-2023)	11,58%	***
	Trend ³ (2013-2021)	9,42%	NS
	Trend ³ (2021-2023)	20,66%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	68,24	NS
	Coefficient of variation ⁴ (2021-2023)	62,94	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,18	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	8,89	
DIRECT EXPENDITURE			
	Annual expenditure	4.321.127 €	
	Average annual expenditure per insured ⁵	3,65 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,22	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	8,57	
	Average annual expenditure per patient	141,52 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Evaluation_geriatrique_pluridisciplinaire_AMBU_75_et_plus_2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Medical oncology	20,18%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	849.837	
	Average occurrence per patient per day (services)	4,60	
	Average occurrence per patient per year (days)	1,43	
	Total average occurrence	6,55	
	Estimated number of patients (per year)	130.051	
	Standardised usage rate (per 100 000 insured persons)	1.129	
	Percentage of outpatient care	90,10%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	48,71%	
	Ratio Preferential rate/General rate (patients)	1,15	
TRENDS			
	Trend ² (2013-2023)	3,34%	***
	Trend ³ (2013-2021)	3,35%	NS
	Trend ³ (2021-2023)	3,28%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	12,15	NS
	Coefficient of variation ⁴ (2021-2023)	10,04	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,07	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,67	
DIRECT EXPENDITURE			
	Annual expenditure	35.358.965 €	
	Average annual expenditure per insured ⁵	3,07 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,12	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,9	
	Average annual expenditure per patient	271,89 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Consultation oncologique multidisciplinaire 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation - 1st meeting

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Medical oncology	59,89%	
Main prescribers:	Not applicable	-	
USAGE RATE			
Number of services per year		93.451	
Average occurrence per patient per day (services)		1,00	
Average occurrence per patient per year (days)		1,05	
Total average occurrence		1,05	
Estimated number of patients (per year)		89.277	
Standardised usage rate (per 100 000 insured persons)		775	
Percentage of outpatient care		89,82%	
POPULATION			
% of the selected population compared to the total number of insured people		100,00%	
Median age of patients		69 years	
Max/min ratio ¹ of the median age (by district*)		1,07	
Percentage of women (patients)		49,37%	
Ratio Preferential rate/General rate (patients)		1,06	
TRENDS			
Trend ² (2013-2023)		1,86%	***
Trend ³ (2013-2021)		1,78%	NS
Trend ³ (2021-2023)		2,19%	
GEOGRAPHICAL VARIATIONS			
Coefficient of variation ⁴ (2013-2015)		8,15	NS
Coefficient of variation ⁴ (2021-2023)		8,23	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)		1,12	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)		1,45	
DIRECT EXPENDITURE			
Annual expenditure		10.040.414 €	
Average annual expenditure per insured ⁵		0,87 €	
Max/Min Ratio ¹ of expenditure per insured (by region)		1,12	
Max/Min Ratio ¹ of expenditure per insured (by district*)		1,42	
Average annual expenditure per patient		112,46 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
Variations in practice coding ⁶ (by province)		NA	NA
Variations in the choice of practice alternatives ⁶ (by province)		NA	NA

Link to the report: [RAPPORT-EN-Consultation_oncologique_multidisciplinaire_Premiere_2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation - Patient information

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Urology</i>	23,36%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	33.394	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,06	
	Total average occurrence	1,06	
	Estimated number of patients (per year)	31.375	
	Standardised usage rate (per 100 000 insured persons)	272	
	Percentage of outpatient care	92,41%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	50,30%	
	Ratio Preferential rate/General rate (patients)	1,05	
TRENDS			
	Trend ² (2013-2023)	2,47%	NS
	Trend ³ (2013-2021)	2,12%	NS
	Trend ³ (2021-2023)	3,88%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	33,02	NS
	Coefficient of variation ⁴ (2021-2023)	32,74	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,82	
DIRECT EXPENDITURE			
	Annual expenditure	2.250.665 €	
	Average annual expenditure per insured ⁵	0,2 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,05	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,81	
	Average annual expenditure per patient	71,73 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Consultation oncologique multidisciplinaire Avec patient 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Dermatologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Dermatology-venereology</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	9.748	
	Average occurrence per patient per day (services)	1,04	
	Average occurrence per patient per year (days)	1,11	
	Total average occurrence	1,15	
	Estimated number of patients (per year)	8.466	
	Standardised usage rate (per 100 000 insured persons)	73	
	Percentage of outpatient care	97,87%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	73 years	
	Max/min ratio ¹ of the median age (by district*)	1,19	
	Percentage of women (patients)	47,98%	
	Ratio Preferential rate/General rate (patients)	0,73	
TRENDS			
	Trend ² (2015-2023)	9,71%	***
	Trend ³ (2015-2021)	10,98%	NS
	Trend ³ (2021-2023)	5,98%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	45,79	NS
	Coefficient of variation ⁴ (2021-2023)	38,4	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,32	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,1	
DIRECT EXPENDITURE			
	Annual expenditure	299.807 €	
	Average annual expenditure per insured ⁵	0,03 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,56	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	6,46	
	Average annual expenditure per patient	35,41 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	*

Link to the report: [RAPPORT-EN-MOC Dermatologie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Endocrinologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Endocrinology-diabetology</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	1.348	
	Average occurrence per patient per day (services)	1,20	
	Average occurrence per patient per year (days)	1,10	
	Total average occurrence	1,33	
	Estimated number of patients (per year)	1.035	
	Standardised usage rate (per 100 000 insured persons)	9	
	Percentage of outpatient care	94,88%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	58 years	
	Max/min ratio ¹ of the median age (by district*)	1,56	
	Percentage of women (patients)	62,40%	
	Ratio Preferential rate/General rate (patients)	1,29	
TRENDS			
	Trend ² (2015-2023)	5,76%	*
	Trend ³ (2015-2021)	6,72%	NS
	Trend ³ (2021-2023)	2,93%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	72,04	NS
	Coefficient of variation ⁴ (2021-2023)	58,98	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	18,56	
DIRECT EXPENDITURE			
	Annual expenditure	55.535 €	
	Average annual expenditure per insured ⁵	0 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,09	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	17,02	
	Average annual expenditure per patient	53,66 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Endocrinologie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (ENT)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Otorhinolaryngology</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	6.278	
	Average occurrence per patient per day (services)	1,05	
	Average occurrence per patient per year (days)	1,27	
	Total average occurrence	1,33	
	Estimated number of patients (per year)	4.705	
	Standardised usage rate (per 100 000 insured persons)	41	
	Percentage of outpatient care	90,24%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	66 years	
	Max/min ratio ¹ of the median age (by district*)	1,11	
	Percentage of women (patients)	35,44%	
	Ratio Preferential rate/General rate (patients)	1,79	
TRENDS			
	Trend ² (2015-2023)	0,76%	NS
	Trend ³ (2015-2021)	0,88%	NS
	Trend ³ (2021-2023)	0,40%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	37,87	NS
	Coefficient of variation ⁴ (2021-2023)	27,55	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,02	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,37	
DIRECT EXPENDITURE			
	Annual expenditure	233.943 €	
	Average annual expenditure per insured ⁵	0,02 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,5	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,87	
	Average annual expenditure per patient	49,72 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC ORL 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Gastroenterologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gastroenterology</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	32.923	
	Average occurrence per patient per day (services)	1,13	
	Average occurrence per patient per year (days)	1,24	
	Total average occurrence	1,40	
	Estimated number of patients (per year)	23.708	
	Standardised usage rate (per 100 000 insured persons)	206	
	Percentage of outpatient care	84,89%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	71 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	41,79%	
	Ratio Preferential rate/General rate (patients)	1,24	
TRENDS			
	Trend ² (2015-2023)	0,62%	NS
	Trend ³ (2015-2021)	0,67%	NS
	Trend ³ (2021-2023)	0,49%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	26,69	NS
	Coefficient of variation ⁴ (2021-2023)	17,98	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,35	
DIRECT EXPENDITURE			
	Annual expenditure	1.526.385 €	
	Average annual expenditure per insured ⁵	0,13 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,07	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,57	
	Average annual expenditure per patient	64,38 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Gastroenterologie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Geriatricians)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Geriatrics</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	1.491	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,04	
	Total average occurrence	1,04	
	Estimated number of patients (per year)	1.435	
	Standardised usage rate (per 100 000 insured persons)	12	
	Percentage of outpatient care	82,70%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	75 years	
	Max/min ratio ¹ of the median age (by district*)	1,98	
	Percentage of women (patients)	45,13%	
	Ratio Preferential rate/General rate (patients)	1,24	
TRENDS			
	Trend ² (2015-2023)	-3,51%	NS
	Trend ³ (2015-2021)	-4,67%	NS
	Trend ³ (2021-2023)	0,05%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	147,96	NS
	Coefficient of variation ⁴ (2021-2023)	125,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	5,8	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	NA	
DIRECT EXPENDITURE			
	Annual expenditure	36.585 €	
	Average annual expenditure per insured ⁵	0 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	4,59	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	NA	
	Average annual expenditure per patient	25,5 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC_Geriatrie_2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (GPs)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General practitioners	100,00%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	1.980	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,07	
	Total average occurrence	1,07	
	Estimated number of patients (per year)	1.856	
	Standardised usage rate (per 100 000 insured persons)	16	
	Percentage of outpatient care	91,06%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	70 years	
	Max/min ratio ¹ of the median age (by district*)	1,28	
	Percentage of women (patients)	54,09%	
	Ratio Preferential rate/General rate (patients)	1,25	
TRENDS			
	Trend ² (2015-2023)	-6,79%	***
	Trend ³ (2015-2021)	-16,17%	NS
	Trend ³ (2021-2023)	28,12%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	113,8	NS
	Coefficient of variation ⁴ (2021-2023)	129,74	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	16,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	NA	
DIRECT EXPENDITURE			
	Annual expenditure	66.522 €	
	Average annual expenditure per insured ⁵	0,01 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	16,04	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	NA	
	Average annual expenditure per patient	35,85 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-MOC Medecine generale 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Gynaecologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	35.290	
	Average occurrence per patient per day (services)	1,08	
	Average occurrence per patient per year (days)	1,25	
	Total average occurrence	1,34	
	Estimated number of patients (per year)	26.330	
	Standardised usage rate (per 100 000 insured persons)	229	
	Percentage of outpatient care	94,48%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	63 years	
	Max/min ratio ¹ of the median age (by district*)	1,12	
	Percentage of women (patients)	97,46%	
	Ratio Preferential rate/General rate (patients)	1,05	
TRENDS			
	Trend ² (2015-2023)	2,77%	**
	Trend ³ (2015-2021)	2,51%	NS
	Trend ³ (2021-2023)	3,54%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	25,01	NS
	Coefficient of variation ⁴ (2021-2023)	18,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,26	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,26	
DIRECT EXPENDITURE			
	Annual expenditure	1.266.471 €	
	Average annual expenditure per insured ⁵	0,11 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,37	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,73	
	Average annual expenditure per patient	48,1 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Gyn-obs 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Hematologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Haematology</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	27.084	
	Average occurrence per patient per day (services)	1,34	
	Average occurrence per patient per year (days)	1,14	
	Total average occurrence	1,53	
	Estimated number of patients (per year)	17.896	
	Standardised usage rate (per 100 000 insured persons)	155	
	Percentage of outpatient care	86,58%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	71 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	43,00%	
	Ratio Preferential rate/General rate (patients)	1,15	
TRENDS			
	Trend ² (2015-2023)	1,22%	NS
	Trend ³ (2015-2021)	0,66%	NS
	Trend ³ (2021-2023)	2,92%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	45,91	NS
	Coefficient of variation ⁴ (2021-2023)	46,61	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,19	
DIRECT EXPENDITURE			
	Annual expenditure	1.981.993 €	
	Average annual expenditure per insured ⁵	0,17 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,28	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,5	
	Average annual expenditure per patient	110,75 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁵ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Hematologie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Neurosurgeons)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Neurosurgery	100,00%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	5.752	
	Average occurrence per patient per day (services)	1,05	
	Average occurrence per patient per year (days)	1,19	
	Total average occurrence	1,25	
	Estimated number of patients (per year)	4.593	
	Standardised usage rate (per 100 000 insured persons)	40	
	Percentage of outpatient care	81,90%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,26	
	Percentage of women (patients)	52,44%	
	Ratio Preferential rate/General rate (patients)	1,41	
TRENDS			
	Trend ² (2015-2023)	2,87%	**
	Trend ³ (2015-2021)	2,04%	NS
	Trend ³ (2021-2023)	5,39%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	19,76	NS
	Coefficient of variation ⁴ (2021-2023)	25,81	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,11	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,83	
DIRECT EXPENDITURE			
	Annual expenditure	183.036 €	
	Average annual expenditure per insured ⁵	0,02 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,23	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,86	
	Average annual expenditure per patient	39,85 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Neurochirurgie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Oncologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Medical oncology	100,00%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	166.816	
	Average occurrence per patient per day (services)	1,24	
	Average occurrence per patient per year (days)	1,25	
	Total average occurrence	1,55	
	Estimated number of patients (per year)	107.899	
	Standardised usage rate (per 100 000 insured persons)	937	
	Percentage of outpatient care	90,81%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	49,59%	
	Ratio Preferential rate/General rate (patients)	1,15	
TRENDS			
	Trend ² (2015-2023)	3,01%	***
	Trend ³ (2015-2021)	2,89%	NS
	Trend ³ (2021-2023)	3,35%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	22,3	NS
	Coefficient of variation ⁴ (2021-2023)	21,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,08	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,93	
DIRECT EXPENDITURE			
	Annual expenditure	13.094.777 €	
	Average annual expenditure per insured ⁵	1,14 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,12	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,89	
	Average annual expenditure per patient	121,36 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Oncologie medicale 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Orthopaedists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Orthopedical surgery</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	1.685	
	Average occurrence per patient per day (services)	1,13	
	Average occurrence per patient per year (days)	1,26	
	Total average occurrence	1,42	
	Estimated number of patients (per year)	1.213	
	Standardised usage rate (per 100 000 insured persons)	11	
	Percentage of outpatient care	86,71%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	60 years	
	Max/min ratio ¹ of the median age (by district*)	1,5	
	Percentage of women (patients)	47,44%	
	Ratio Preferential rate/General rate (patients)	1,44	
TRENDS			
	Trend ² (2015-2023)	15,44%	***
	Trend ³ (2015-2021)	17,89%	NS
	Trend ³ (2021-2023)	8,39%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	48,17	NS
	Coefficient of variation ⁴ (2021-2023)	34,06	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,33	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,53	
DIRECT EXPENDITURE			
	Annual expenditure	67.399 €	
	Average annual expenditure per insured ⁵	0,01 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,03	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	5,97	
	Average annual expenditure per patient	55,55 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	NS

Link to the report: [RAPPORT-EN-MOC Chir Orthopedique 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Plastic surgeons)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Plastical surgery</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	7.205	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,07	
	Total average occurrence	1,08	
	Estimated number of patients (per year)	6.654	
	Standardised usage rate (per 100 000 insured persons)	58	
	Percentage of outpatient care	97,34%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	72 years	
	Max/min ratio ¹ of the median age (by district*)	1,2	
	Percentage of women (patients)	57,05%	
	Ratio Preferential rate/General rate (patients)	0,74	
TRENDS			
	Trend ² (2015-2023)	6,24%	**
	Trend ³ (2015-2021)	9,87%	NS
	Trend ³ (2021-2023)	-3,96%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	75,58	NS
	Coefficient of variation ⁴ (2021-2023)	57,82	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,42	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	19,36	
DIRECT EXPENDITURE			
	Annual expenditure	178.449 €	
	Average annual expenditure per insured ⁵	0,02 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,59	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	23,54	
	Average annual expenditure per patient	26,82 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	*

Link to the report: [RAPPORT-EN-MOC Chir_plastique_2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Pneumologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pneumology</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	24.458	
	Average occurrence per patient per day (services)	1,31	
	Average occurrence per patient per year (days)	1,25	
	Total average occurrence	1,64	
	Estimated number of patients (per year)	15.011	
	Standardised usage rate (per 100 000 insured persons)	130	
	Percentage of outpatient care	83,95%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	70 years	
	Max/min ratio ¹ of the median age (by district*)	1,09	
	Percentage of women (patients)	41,34%	
	Ratio Preferential rate/General rate (patients)	1,72	
TRENDS			
	Trend ² (2015-2023)	0,88%	NS
	Trend ³ (2015-2021)	0,12%	NS
	Trend ³ (2021-2023)	3,18%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	31,97	NS
	Coefficient of variation ⁴ (2021-2023)	29,71	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,36	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,12	
DIRECT EXPENDITURE			
	Annual expenditure	1.255.651 €	
	Average annual expenditure per insured ⁵	0,11 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,43	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	4,42	
	Average annual expenditure per patient	83,65 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Pneumologie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Radiotherapists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiotherapy	100,00%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	128.416	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,25	
	Total average occurrence	1,27	
	Estimated number of patients (per year)	101.715	
	Standardised usage rate (per 100 000 insured persons)	883	
	Percentage of outpatient care	90,17%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	47,98%	
	Ratio Preferential rate/General rate (patients)	1,16	
TRENDS			
	Trend ² (2015-2023)	2,72%	***
	Trend ³ (2015-2021)	2,63%	NS
	Trend ³ (2021-2023)	2,98%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	16,41	NS
	Coefficient of variation ⁴ (2021-2023)	17,08	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,06	
DIRECT EXPENDITURE			
	Annual expenditure	3.277.135 €	
	Average annual expenditure per insured ⁵	0,28 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,39	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,58	
	Average annual expenditure per patient	32,22 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Radiotherapie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Radiologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiology	100,00%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	83.541	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,19	
	Total average occurrence	1,19	
	Estimated number of patients (per year)	70.404	
	Standardised usage rate (per 100 000 insured persons)	611	
	Percentage of outpatient care	90,07%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,09	
	Percentage of women (patients)	51,06%	
	Ratio Preferential rate/General rate (patients)	1,19	
TRENDS			
	Trend ² (2015-2023)	4,22%	***
	Trend ³ (2015-2021)	4,95%	NS
	Trend ³ (2021-2023)	2,06%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	29,26	NS
	Coefficient of variation ⁴ (2021-2023)	24,83	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,26	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	3,77	
DIRECT EXPENDITURE			
	Annual expenditure	1.907.062 €	
	Average annual expenditure per insured ⁵	0,17 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,25	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,82	
	Average annual expenditure per patient	27,09 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	NS
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-MOC Radiologie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Stomatologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Stomatologists</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	3.696	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,26	
	Total average occurrence	1,27	
	Estimated number of patients (per year)	2.922	
	Standardised usage rate (per 100 000 insured persons)	25	
	Percentage of outpatient care	90,40%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	67 years	
	Max/min ratio ¹ of the median age (by district*)	1,24	
	Percentage of women (patients)	36,24%	
	Ratio Preferential rate/General rate (patients)	1,65	
TRENDS			
	Trend ² (2015-2023)	3,23%	NS
	Trend ³ (2015-2021)	4,15%	NS
	Trend ³ (2021-2023)	0,54%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	52,79	NS
	Coefficient of variation ⁴ (2021-2023)	74,55	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,15	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	14,3	
DIRECT EXPENDITURE			
	Annual expenditure	99.271 €	
	Average annual expenditure per insured ⁵	0,01 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	3,05	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	17,67	
	Average annual expenditure per patient	33,97 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	NS

Link to the report: [RAPPORT-EN-MOC Stomatologues 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Surgeons)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	General surgery	100,00%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	53.981	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,24	
	Total average occurrence	1,26	
	Estimated number of patients (per year)	42.980	
	Standardised usage rate (per 100 000 insured persons)	373	
	Percentage of outpatient care	87,64%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	70 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	51,89%	
	Ratio Preferential rate/General rate (patients)	1,25	
TRENDS			
	Trend ² (2015-2023)	0,85%	NS
	Trend ³ (2015-2021)	0,85%	NS
	Trend ³ (2021-2023)	0,82%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	23,94	NS
	Coefficient of variation ⁴ (2021-2023)	26,86	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,21	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,9	
DIRECT EXPENDITURE			
	Annual expenditure	1.421.880 €	
	Average annual expenditure per insured ⁵	0,12 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,16	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	3,58	
	Average annual expenditure per patient	33,08 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Chirurgie 2023.pdf](#)

Medical practice variations – SUMMARY

Multidisciplinary Oncology Consultation (Urologists)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Urology	100,00%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	40.174	
	Average occurrence per patient per day (services)	1,25	
	Average occurrence per patient per year (days)	1,16	
	Total average occurrence	1,45	
	Estimated number of patients (per year)	27.879	
	Standardised usage rate (per 100 000 insured persons)	242	
	Percentage of outpatient care	95,14%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	72 years	
	Max/min ratio ¹ of the median age (by district*)	1,06	
	Percentage of women (patients)	10,88%	
	Ratio Preferential rate/General rate (patients)	0,95	
TRENDS			
	Trend ² (2015-2023)	2,27%	***
	Trend ³ (2015-2021)	2,67%	NS
	Trend ³ (2021-2023)	1,08%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2015-2017)	23,64	NS
	Coefficient of variation ⁴ (2021-2023)	22,12	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,5	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,87	
DIRECT EXPENDITURE			
	Annual expenditure	1.658.332 €	
	Average annual expenditure per insured ⁵	0,14 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,38	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	7,23	
	Average annual expenditure per patient	59,48 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁵ (by province)	Yes	***

Link to the report: [RAPPORT-EN-MOC Urologie 2023.pdf](#)

Medical practice variations – SUMMARY

Admission to emergency room

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Acute and emergency medicine</i>	49,10%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	3.127.472	
	Average occurrence per patient per day (services)	1,01	
	Average occurrence per patient per year (days)	1,41	
	Total average occurrence	1,43	
	Estimated number of patients (per year)	2.187.852	
	Standardised usage rate (per 100 000 insured persons)	18.991	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	40 years	
	Max/min ratio ¹ of the median age (by district*)	1,42	
	Percentage of women (patients)	50,19%	
	Ratio Preferential rate/General rate (patients)	1,4	
TRENDS			
	Trend ² (2013-2023)	1,70%	**
	Trend ³ (2013-2021)	0,15%	***
	Trend ³ (2021-2023)	8,13%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	21,04	NS
	Coefficient of variation ⁴ (2021-2023)	17,13	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,33	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,8	
DIRECT EXPENDITURE			
	Annual expenditure	99.312.336 €	
	Average annual expenditure per insured ⁵	8,62 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,35	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,28	
	Average annual expenditure per patient	45,39 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Admission aux urgences 2023.pdf](#)

Medical practice variations – SUMMARY

Hospital stays (based on imaging package)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Unknown</i>	100,00%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
Number of services per year		1.727.484	
Average occurrence per patient per day (services)		1,00	
Average occurrence per patient per year (days)		1,39	
Total average occurrence		1,39	
Estimated number of patients (per year)		1.239.051	
Standardised usage rate (per 100 000 insured persons)		10,755	
Percentage of outpatient care		0,00%	
POPULATION			
% of the selected population compared to the total number of insured people		100,00%	
Median age of patients		58 years	
Max/min ratio ¹ of the median age (by district*)		1,11	
Percentage of women (patients)		55,44%	
Ratio Preferential rate/General rate (patients)		1,36	
TRENDS			
Trend ² (2013-2023)		-1,02%	***
Trend ³ (2013-2021)		-1,87%	NS
Trend ³ (2021-2023)		2,46%	
GEOGRAPHICAL VARIATIONS			
Coefficient of variation ⁴ (2013-2015)		6,53	NS
Coefficient of variation ⁴ (2021-2023)		7,6	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)		1,18	
Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)		1,33	
DIRECT EXPENDITURE			
Annual expenditure		110.929.431 €	
Average annual expenditure per insured ⁵		9,63 €	
Max/Min Ratio ¹ of expenditure per insured (by region)		1,28	
Max/Min Ratio ¹ of expenditure per insured (by district*)		1,49	
Average annual expenditure per patient		89,53 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
Variations in practice coding ⁶ (by province)		NA	NA
Variations in the choice of practice alternatives ⁶ (by province)		NA	NA

Link to the report: [RAPPORT-EN-Forfait imagerie medicale par admission 2023.pdf](#)

Medical practice variations – SUMMARY

Reference pharmacist function

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Other specialities</i>	-	
Main prescribers:	<i>Other specialities</i>	-	
USAGE RATE			
	Number of services per year	1.443.058	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	1.443.058	
	Standardised usage rate (per 100 000 insured persons)	12.526	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,07	
	Percentage of women (patients)	56,16%	
	Ratio Preferential rate/General rate (patients)	1,33	
TRENDS			
	Trend ² (2018-2023)	14,66%	***
	Trend ³ (2018-2021)	16,34%	*
	Trend ³ (2021-2023)	12,18%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2018-2020)	26,63	NS
	Coefficient of variation ⁴ (2021-2023)	21,16	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,57	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,22	
DIRECT EXPENDITURE			
	Annual expenditure	51.445.247 €	
	Average annual expenditure per insured ⁵	4,47 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,57	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,22	
	Average annual expenditure per patient	35,65 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Fonction Pharmacien de reference 2023.pdf](#)

Medical practice variations – SUMMARY

Palliative care at home

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Nurses	98,65%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	3.782.557	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	122,68	
	Total average occurrence	122,73	
	Estimated number of patients (per year)	31.002	
	Standardised usage rate (per 100 000 insured persons)	269	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	80 years	
	Max/min ratio ¹ of the median age (by district*)	1,04	
	Percentage of women (patients)	50,60%	
	Ratio Preferential rate/General rate (patients)	2,28	
TRENDS			
	Trend ² (2013-2023)	6,74%	***
	Trend ³ (2013-2021)	7,55%	NS
	Trend ³ (2021-2023)	3,55%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	29,42	NS
	Coefficient of variation ⁴ (2021-2023)	26,69	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,75	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	4,21	
DIRECT EXPENDITURE			
	Annual expenditure	264.599.862 €	
	Average annual expenditure per insured ⁵	22,97 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,76	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	6,1	
	Average annual expenditure per patient	8535 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Soins_palliatifs_a_domicile_2023.pdf](#)

Medical practice variations – SUMMARY

PET-Scan

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Nuclear medicine</i>	99,98%	
Main prescribers:	<i>Medical oncology</i>	20,04%	
USAGE RATE			
	Number of services per year	126.961	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,26	
	Total average occurrence	1,26	
	Estimated number of patients (per year)	101.033	
	Standardised usage rate (per 100 000 insured persons)	877	
	Percentage of outpatient care	88,14%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	68 years	
	Max/min ratio ¹ of the median age (by district*)	1,05	
	Percentage of women (patients)	47,18%	
	Ratio Preferential rate/General rate (patients)	1,43	
TRENDS			
	Trend ² (2016-2023)	9,11%	***
	Trend ³ (2016-2021)	11,27%	*
	Trend ³ (2021-2023)	3,91%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2016-2018)	28,94	NS
	Coefficient of variation ⁴ (2021-2023)	22,82	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,63	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,84	
DIRECT EXPENDITURE			
	Annual expenditure	41.773.828 €	
	Average annual expenditure per insured ⁵	3,63 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,74	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,23	
	Average annual expenditure per patient	413,47 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-PET-Scan_radioisotopes_2023.pdf](#)

Medical practice variations – SUMMARY

Pediatric intravenous infusion

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Paediatrics</i>	92,70%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	280.378	
	Average occurrence per patient per day (services)	1,30	
	Average occurrence per patient per year (days)	3,04	
	Total average occurrence	3,97	
	Estimated number of patients (per year)	71.103	
	Standardised usage rate (per 100 000 insured persons)	3.819	
	Percentage of outpatient care	10,97%	
POPULATION			
	% of the selected population compared to the total number of insured people	16,16%	
	Median age of patients	1 years	
	Max/min ratio ¹ of the median age (by district*)	1	
	Percentage of women (patients)	45,89%	
	Ratio Preferential rate/General rate (patients)	1,03	
TRENDS			
	Trend ² (2013-2023)	0,65%	NS
	Trend ³ (2013-2021)	-1,88%	***
	Trend ³ (2021-2023)	11,42%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	29,46	NS
	Coefficient of variation ⁴ (2021-2023)	25,45	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,31	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	2,38	
DIRECT EXPENDITURE			
	Annual expenditure	7.794.292 €	
	Average annual expenditure per insured ⁵	4,19 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,74	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	2,81	
	Average annual expenditure per patient	109,62 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Perfusion intraveineuse pediatrique 0-14 2023.pdf](#)

Medical practice variations – SUMMARY

Insertion of a port-a-cath

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>General surgery</i>	93,22%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	13.084	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,02	
	Total average occurrence	1,02	
	Estimated number of patients (per year)	12.837	
	Standardised usage rate (per 100 000 insured persons)	111	
	Percentage of outpatient care	71,90%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	66 years	
	Max/min ratio ¹ of the median age (by district*)	1,08	
	Percentage of women (patients)	57,25%	
	Ratio Preferential rate/General rate (patients)	1,18	
TRENDS			
	Trend ² (2013-2023)	-1,66%	***
	Trend ³ (2013-2021)	-1,53%	NS
	Trend ³ (2021-2023)	-2,19%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	30,61	NS
	Coefficient of variation ⁴ (2021-2023)	36,45	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	2,61	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	11,32	
DIRECT EXPENDITURE			
	Annual expenditure	1.553.703 €	
	Average annual expenditure per insured ⁵	0,13 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	2,63	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	11,03	
	Average annual expenditure per patient	121,03 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	NA	NA
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Port-a-cath_2023.pdf](#)

Medical practice variations – SUMMARY

Radiotherapy

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	Radiotherapy	99,41%	
Main prescribers:	Not applicable	-	
USAGE RATE			
	Number of services per year	43.235	
	Average occurrence per patient per day (services)	1,06	
	Average occurrence per patient per year (days)	1,14	
	Total average occurrence	1,21	
	Estimated number of patients (per year)	35.845	
	Standardised usage rate (per 100 000 insured persons)	311	
	Percentage of outpatient care	89,72%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	69 years	
	Max/min ratio ¹ of the median age (by district*)	1,06	
	Percentage of women (patients)	51,76%	
	Ratio Preferential rate/General rate (patients)	1,25	
TRENDS			
	Trend ² (2013-2023)	0,71%	***
	Trend ³ (2013-2021)	0,61%	NS
	Trend ³ (2021-2023)	1,13%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	9,64	NS
	Coefficient of variation ⁴ (2021-2023)	10,34	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,14	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,5	
DIRECT EXPENDITURE			
	Annual expenditure	165.485.791 €	
	Average annual expenditure per insured ⁵	14,36 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,16	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,6	
	Average annual expenditure per patient	4616,73 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Radiotherapie_2023.pdf](#)

Medical practice variations – SUMMARY

Lump sum fees for clinical biology - Outpatient

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Pharmacist biologists</i>	55,30%	
Main prescribers:	<i>General practitioners</i>	52,41%	
USAGE RATE			
	Number of services per year	17.498.303	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	2,59	
	Total average occurrence	2,59	
	Estimated number of patients (per year)	6.767.601	
	Standardised usage rate (per 100 000 insured persons)	58.744	
	Percentage of outpatient care	100,00%	
POPULATION			
	% of the selected population compared to the total number of insured people	100,00%	
	Median age of patients	53 years	
	Max/min ratio ¹ of the median age (by district*)	1,1	
	Percentage of women (patients)	56,38%	
	Ratio Preferential rate/General rate (patients)	1,01	
TRENDS			
	Trend ² (2013-2023)	0,60%	***
	Trend ³ (2013-2021)	-0,02%	***
	Trend ³ (2021-2023)	3,08%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	3,58	NS
	Coefficient of variation ⁴ (2021-2023)	4,57	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,06	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,18	
DIRECT EXPENDITURE			
	Annual expenditure	456.523.780 €	
	Average annual expenditure per insured ⁵	39,63 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,07	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,24	
	Average annual expenditure per patient	67,46 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	NA	NA

Link to the report: [RAPPORT-EN-Honoraires forfaitaires biologie clinique AMBU 2023.pdf](#)

Medical practice variations – SUMMARY

Childbirth (Women)

		TOTAL	
PROVIDERS & PRESCRIBERS			
Main healthcare providers:	<i>Gynaecology and midwifery</i>	98,49%	
Main prescribers:	<i>Not applicable</i>	-	
USAGE RATE			
	Number of services per year	104.244	
	Average occurrence per patient per day (services)	1,00	
	Average occurrence per patient per year (days)	1,00	
	Total average occurrence	1,00	
	Estimated number of patients (per year)	104.074	
	Standardised usage rate (per 100 000 insured persons)	1.776	
	Percentage of outpatient care	1,65%	
POPULATION			
	% of the selected population compared to the total number of insured people	50,87%	
	Median age of patients	31 years	
	Max/min ratio ¹ of the median age (by district*)	1	
	Percentage of women (patients)	100,00%	
	Ratio Preferential rate/General rate (patients)	0,95	
TRENDS			
	Trend ² (2013-2023)	-1,68%	***
	Trend ³ (2013-2021)	-1,18%	NS
	Trend ³ (2021-2023)	-3,62%	
GEOGRAPHICAL VARIATIONS			
	Coefficient of variation ⁴ (2013-2015)	5,64	NS
	Coefficient of variation ⁴ (2021-2023)	6,39	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by region)	1,04	
	Max/min Ratio ¹ of usage rate (per 100 000 insured persons, by district*)	1,23	
DIRECT EXPENDITURE			
	Annual expenditure	45.014.869 €	
	Average annual expenditure per insured ⁵	7,68 €	
	Max/Min Ratio ¹ of expenditure per insured (by region)	1,04	
	Max/Min Ratio ¹ of expenditure per insured (by district*)	1,23	
	Average annual expenditure per patient	432,53 €	
CODING VARIATIONS & PRACTICE ALTERNATIVES			
	Variations in practice coding ⁶ (by province)	Yes	***
	Variations in the choice of practice alternatives ⁶ (by province)	Yes	***

Link to the report: [RAPPORT-EN-Accouchement Femmes 2023.pdf](#)

16. FOOTNOTES

- 1 An 'NA' result indicates a ratio, which cannot be calculated, i.e. the minimum value equals zero.
- 2 The test indicates whether the observed slope is statistically significantly different from 0%.
- 3 The test indicates whether the break in trend between the two periods is statistically significant.
- 4 The test compares the coefficients of variation for the two periods and indicates whether the difference is statistically significant.
- 5 Expenditure is based on the insured people selected.
- 6 The test indicates whether the practice variation between provinces is statistically significant.