



# Eurodac 2022 Statistics

## May 2023



European Union Agency for the Operational Management of Large-scale  
IT Systems in the Area of Freedom, Security, and Justice

[www.eulisa.europa.eu](http://www.eulisa.europa.eu)

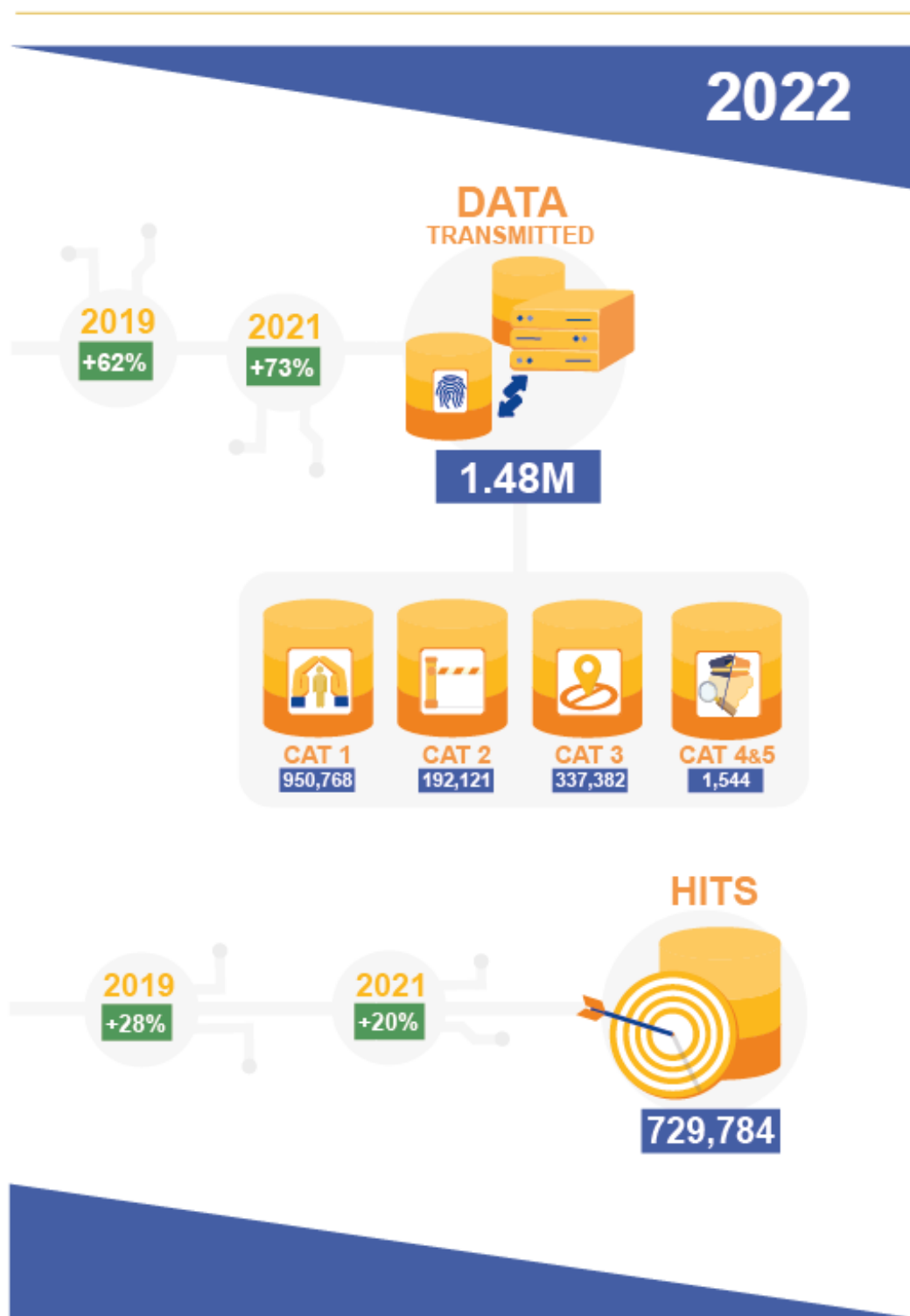
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## Executive summary<sup>1</sup>

In 2022, the Member States transmitted a total of 1,481,815 fingerprint data sets to Eurodac, representing a 73% increase on 2021 and a 62% increase on 2019 (pre-COVID-19 levels).

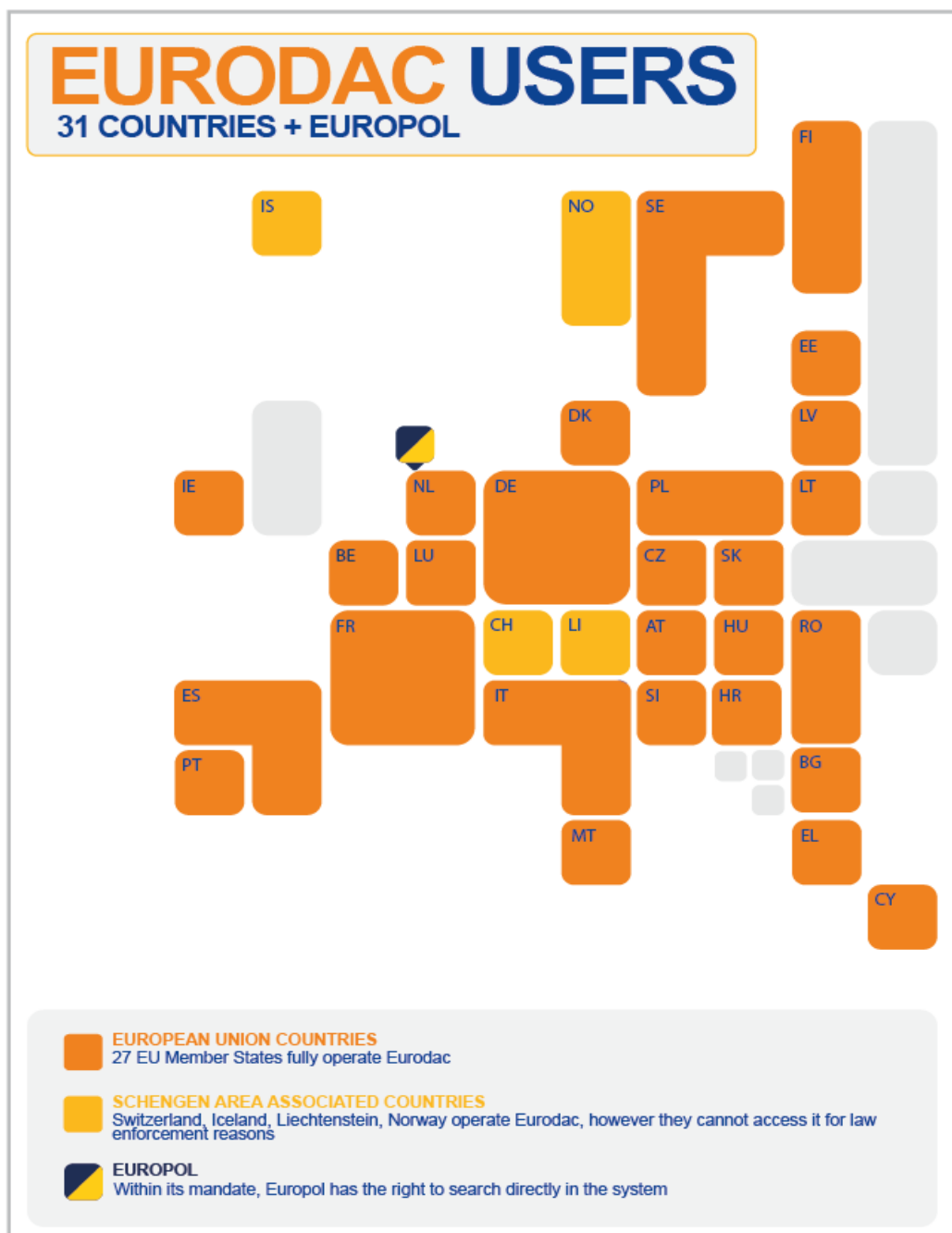
The total number of hits returned during 2022 was 729,784, which was 20% higher than in 2021 and 28% higher than in 2019.



<sup>1</sup> Comma (,) is used as thousand separator in this report.

## Introduction

The European Dactyloscopy Database (Eurodac) is the large-scale IT system used in the EU for managing asylum applications within the EU+<sup>2</sup>. The system allows fingerprint storage and comparison, and thus supports the effective implementation of Regulation (EU) No 604/2013 in determining the Member State<sup>3</sup> responsible for examining an application for international protection lodged in one of the Member States.



<sup>2</sup> The EU and the Schengen Associated Countries.

<sup>3</sup> Under the term 'Member States', the current document refers to the Member States of the European Union (EU) and Schengen Associated Countries that were bound under Union law by Regulation (EU) No 603/2013 until 31 December 2022, if not specified otherwise. Those were Austria, Belgium, Bulgaria, Cyprus, Croatia, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain and Sweden; as well as Iceland, Liechtenstein, Norway and Switzerland.

Eurodac 2022 Statistics is the annual report that presents a detailed compilation of the data in the different Eurodac categories. The report provides information on data stored in the system, and on the different transactions carried out during the year by the Member States' asylum authorities and authorised law enforcement authorities, as well as by Europol.

Annual statistics on Eurodac are produced to comply with Article 8(2) of Regulation (EU) No 603/2013 (the Eurodac Regulation). Every year eu-LISA also publishes its *Annual report* on the activities of the Eurodac Central System, including its technical functioning and security, pursuant to Article 40(1), and the annual *List of designated authorities* which have access to Eurodac for asylum purposes, in compliance with Article 27(2) of the Eurodac Regulation. All eu-LISA reports are available on the Agency's website<sup>4</sup>

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<sup>4</sup> All publications are available at <https://eulisa.europa.eu/>

# 1

## TRANSACTIONS TO EURODAC



# 1. Transactions to Eurodac

Data sets in Eurodac represent sets of fingerprints transmitted to the Eurodac Central System by the Member States for storage and/or for search purposes.

In 2022, the Member States transmitted **a total of 1,481,815 fingerprint data sets** to Eurodac, representing a 73% increase on the previous year and a 62% increase on 2019 (pre-COVID-19 levels).

Figure 1 below illustrates the curve of the data transmitted to the Eurodac Central System in the last eight years. As a result of the migration crisis in 2015, a record level of transactions (almost 2 million) was sent to Eurodac in that year, and the traffic remained high (at a level of 1.6 million) in 2016. In 2017, there was a notable decrease of 38% in the volume of data transmitted.

The usage of Eurodac dropped below 1 million annual transactions between 2018 and 2021, registering levels very similar to the years before 2015. The limited traffic recorded in 2020 was a direct consequence of the measures banning movements imposed in Europe during the COVID-19 pandemic. In 2021, the Eurodac traffic increased again, even despite the fact that there was one country less using the system, due to the disconnection of the UK on 1 January 2021 as per the Withdrawal Agreement. In 2022, the usage level bounced back considerably and reached almost the level of 2016. One contributory factor for the increased usage of Eurodac last year was the war in Ukraine that started in February 2022.

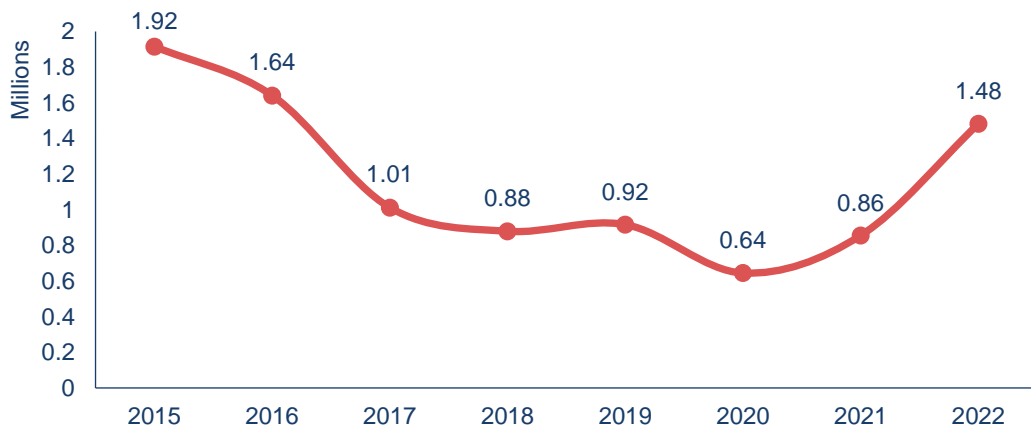


Figure 1: Annual data sets transmitted to the Eurodac Central System, in millions, 2016-2022

## Data transmitted by category

Depending on the purpose of the fingerprint datasets transmitted (on the type of category), those are stored and/or compared with other fingerprint sets already present in Eurodac database. There are five main categories of data sets in Eurodac (see below).



**Category 1 (asylum seekers):** fingerprint data sets of third-country nationals (TCNs) or stateless persons, aged 14 or older, who register an application for international protection (asylum) in a Member State (MS). The data are transmitted for search and for storage for a period of 10 years.



**Category 2 (irregular crossing by TCNs of an external border of the Schengen Area):** fingerprint data sets of third-country nationals or stateless persons, aged 14 or older, apprehended when irregularly crossing the external borders from a third country and not turned back. The data are transmitted to Eurodac for storage for a period of 18 months.



**Category 3 (TCNs found illegally in MS):** fingerprint data sets of third-country nationals or stateless persons, aged 14 or older, found staying illegally within the territory of a Member State. The data are transmitted for search only, and are not stored. This transmission is not mandatory.



**Category 4 (searches by MS law enforcement):** searches by designated law enforcement authorities of Member States, under a regulated procedure, for the purpose of comparing fingerprint data sets in order to prevent, detect or investigate terrorist offences or other serious criminal offences. The data are not stored.



**Category 5 (searches by Europol):** requests by Europol for comparison of fingerprint data sets against the ones stored in the Central System, under a regulated procedure, for search for the purpose of the prevention, detection or investigation of terrorist offences or of other serious criminal offences. The data are not stored.

In 2022, most of the data (64%) was transmitted as Category 1 data, followed by Category 3 and Category 2. This trend was consistent with previous years. All categories experienced an increase in data transmission in 2022 compared to 2021. In 2022, the highest increase was registered in Categories 4 and 5 with 231% more traffic in total. In Category 1, there was 86% more traffic, while the amount of data transmitted as Category 3 increased by 59%, and as Category 2 by 45%. A breakdown of data transmitted by category is available in Figure 2 on the next page.



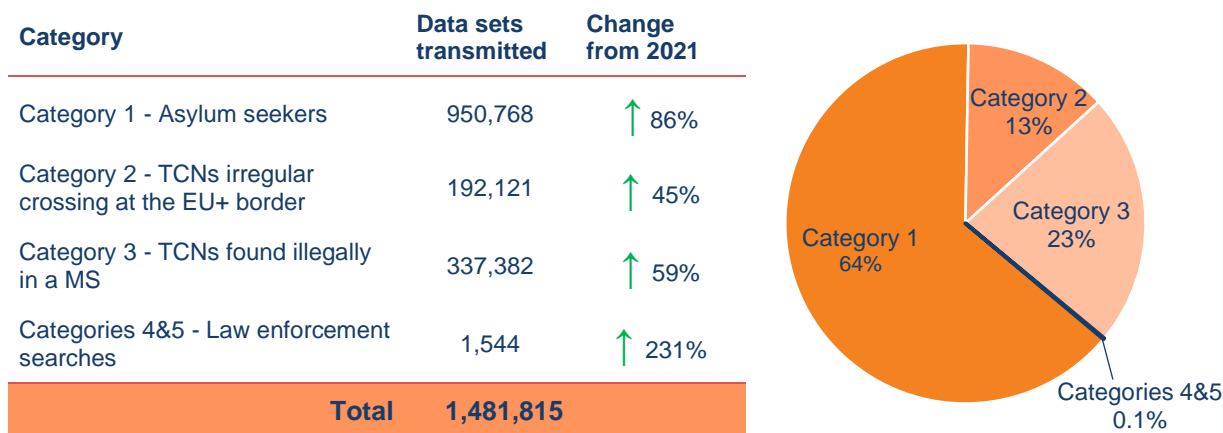


Figure 2: Numbers and percentages of data transmitted to Eurodac by categories in 2022

### Data transmitted by Member State

In 2022, Germany recorded the **highest total number of data sets transmitted** to the Eurodac, accounting for 26% of the total (more than 380,000 sets). Italy and France followed with more than 229,000 (15%) and 143,000 (10%) data sets, respectively. Austria and Spain both had around 123,000 (8%) data sets transmitted. In contrary, Lithuania, Latvia, and Liechtenstein had the **lowest total number of data sets transmitted**, with less than a thousand sets per country. Europol<sup>5</sup> performed 53 searches against the Eurodac Central System.

Member States accounting for the **highest share of Category 1 transactions** in 2022 were Germany (29%), France (13%) and Austria (11%), representing the countries where the highest number of asylum applications have been lodged. This ranking is consistent with previous years, where Germany and France consistently led in sending Category 1 data sets to Eurodac. On the other hand, as illustrated in Figure 3 (page 10), the **number of Category 1 data sets transmitted per 1 million inhabitants** was the highest in Cyprus (22,335 data sets), Austria (11,647) and Iceland (9,180).

In 2022, Italy, Spain, and Greece had the **highest share of transactions in Category 2**, with 52%, 15%, and 13%, respectively, having the most first arrivals of third-country nationals who cross the external borders of the Schengen Area irregularly. This trend is consistent with previous years. At the same time, as seen in Figure 4 (page 11), the **number of Category 2 transactions per 1 million inhabitants** was the highest in Cyprus (20,159 data sets), Croatia (24,038) and Hungary (10,417).

A breakdown of data transmitted per Member State by category is available in Tables 1, 2 and 3 in Annexes. The maps on the next two pages (Figures 3 and 4) show the Category 1 and Category 2 transactions per Member State per 1 million inhabitants<sup>6</sup>.

<sup>5</sup> Europol relies on the Dutch connection and infrastructure to transmit data to Eurodac in line with Article 19 of the Eurodac Regulation and upon agreement with the Dutch authorities.

<sup>6</sup> The population data were retrieved from Eurostat: *Population on 1 January by age and sex, 2022, table DEMO\_PJAN*, retrieved on 29 March 2023, available at: [https://ec.europa.eu/eurostat/databrowser/product/view/DEMO\\_PJAN?lang=en](https://ec.europa.eu/eurostat/databrowser/product/view/DEMO_PJAN?lang=en)

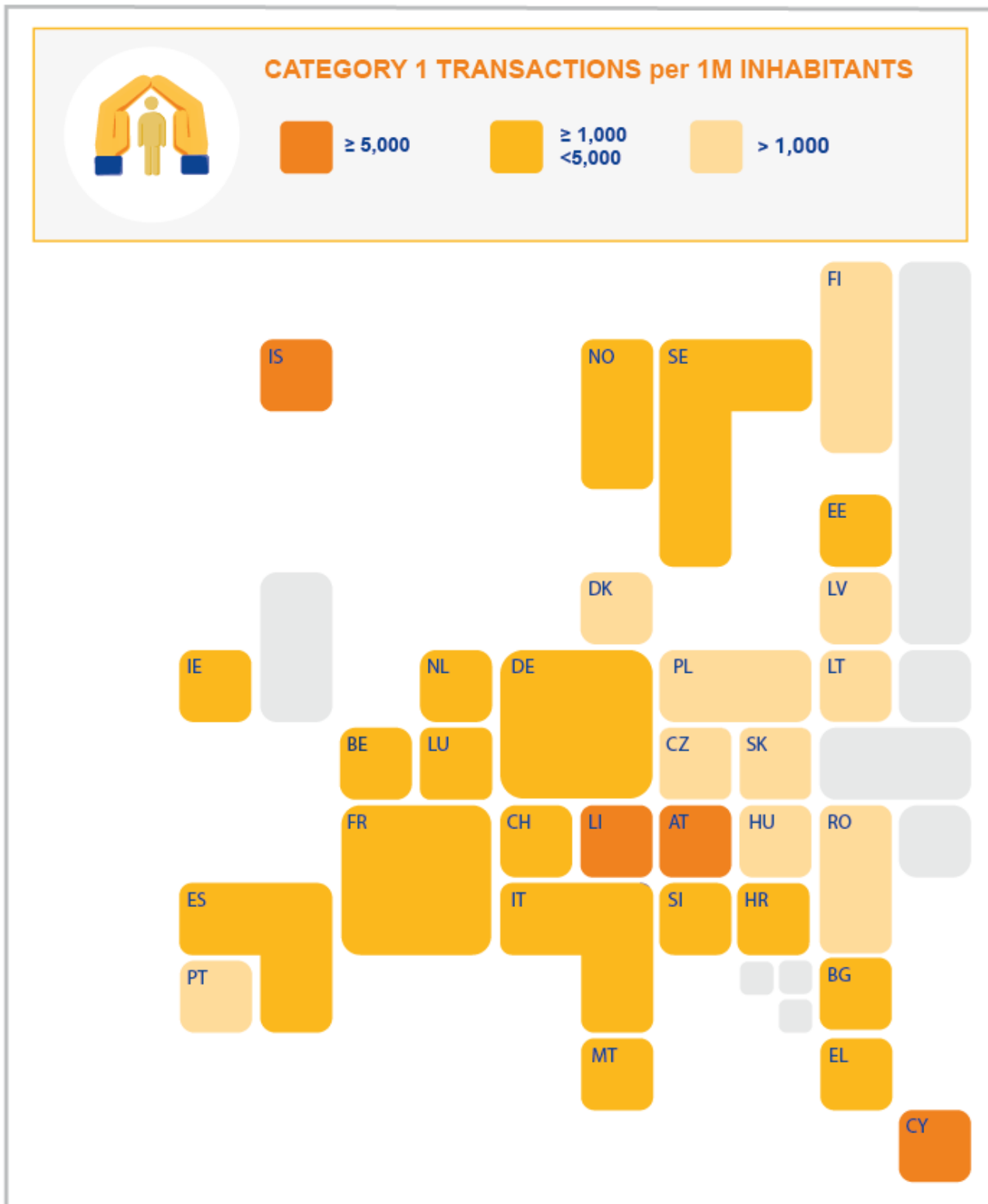


Figure 3: Category 1 – Asylum seekers transactions per Member State per 1 million inhabitants in 2022

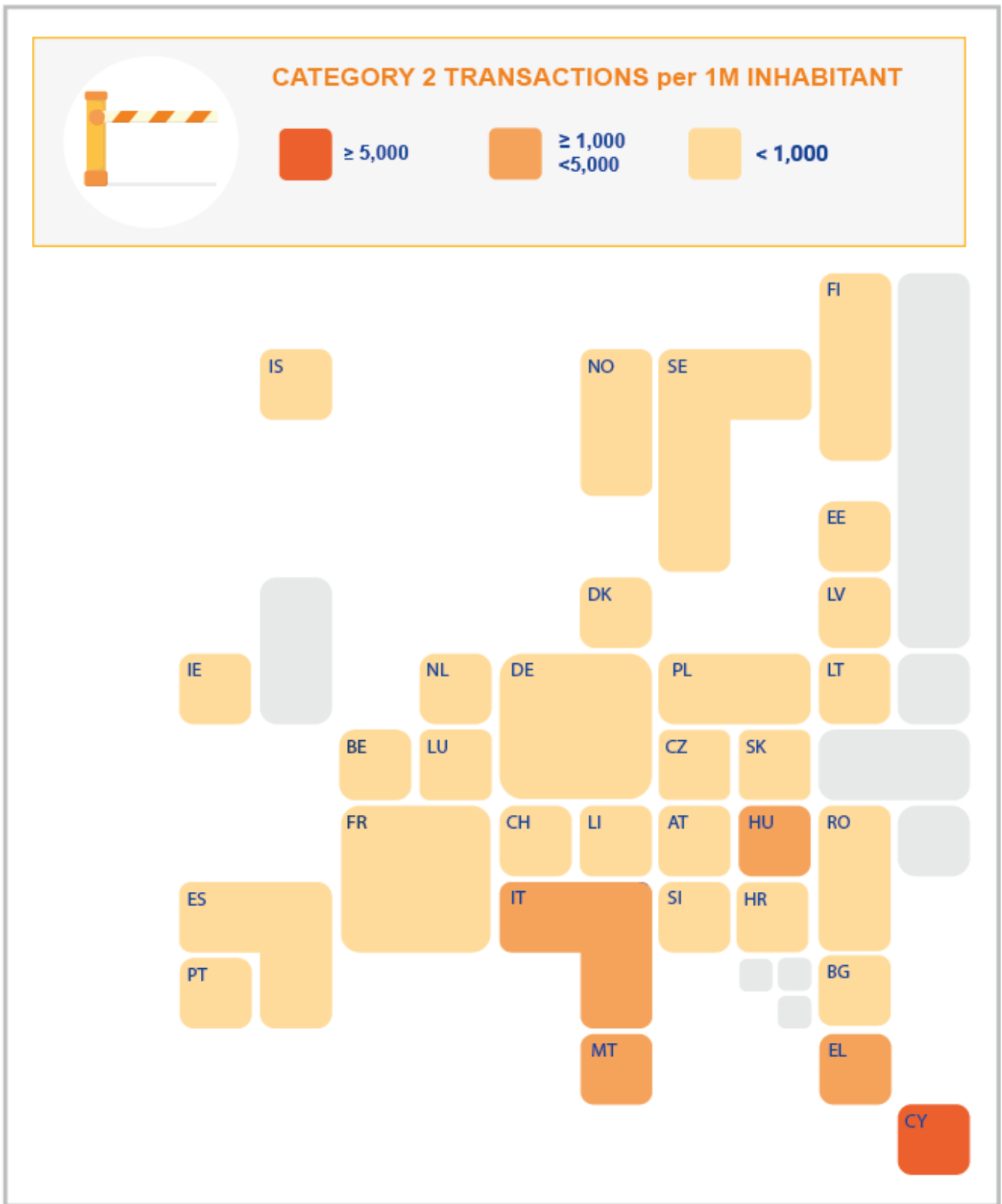


Figure 4: Category 2 – Irregular crossing transactions per Member State per 1 million inhabitants in 2022

## Marked, unmarked and blocked data sets

Some data sets in the Eurodac Central System are either marked or blocked. This means that the person whose fingerprints are stored in the system has been granted international protection from one Member State.



**Marked data** – asylum seeker has been granted international protection, but the data remain in the system until deleted when the retention period expires. The data are available for law enforcement searches for a limited period of 3 years after marking, and for other searches until the data are deleted from the system.



**Blocked data** – data sets that were initially marked are then blocked because international protection was granted to the person at least 3 years before. Once the data are blocked, they are not available for law enforcement searches anymore.



**Unmarked data** - the status of asylum previously granted to an applicant is revoked, has ended or the renewal is refused.

After an asylum seeker is granted international protection, the responsible Member State must **mark** the corresponding dataset in the system. This mark is then stored in the Central System, enabling other Member States to be informed about the status of the international protection granted to the person whose fingerprints are being compared in a search. Subsequently, relevant Member States must also mark the Category 1 and/or Category 2 data sets which are linked<sup>7</sup> to the initially marked data set (*the marking following the initiator*).

Marked data are available for law enforcement searches for a limited period of 3 years after the data subject is granted international protection. After that period, the data are automatically **blocked** for comparisons by law enforcement. In this way, blocked data are not transmitted as a result of any hit from Category 4 and Category 5 searches. However, marked data remains accessible for the authorities responsible for granting international protection until they are erased due to expiry of the storage period or due to the person acquiring citizenship in a Member State.

If the status of international protection previously granted to an applicant is revoked, has ended or the renewal is refused, the Member State responsible for the data set must **unmark** the data concerning that person in the Central System and the unmarking following the initiator should take place as well (by the responsible MS owing that data).

**The total number of marked, unmarked and blocked data sets** in 2022 is illustrated in Figure 5 on the next page. In Tables 4, 5 and 6 in Annexes there is a breakdown of marked, unmarked and blocked data sets per Member State.

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<sup>7</sup> Linked data sets are those that have resulted in foreign hits previously and thus refer to the same person who was granted international protection.

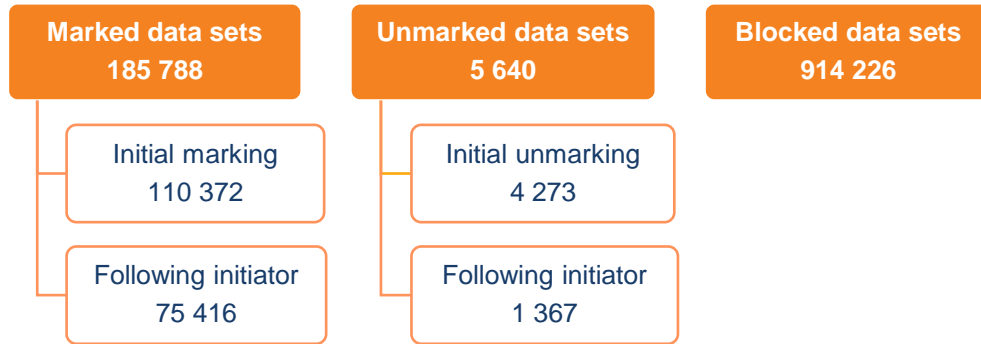


Figure 5: Number of marked, unmarked and blocked data sets in the Eurodac Central System in 2022

### Rejected data sets

Data sets transmitted to the Eurodac Central System could be rejected due to poor data quality. Fingerprints that do not have enough quality for various reasons (for example, errors, poor quality and/or sequence, etc.), are rejected by the Central System and thus are not used for comparison. During 2022, there were **36,946** rejected data sets. A breakdown of rejected data sets per Member State is available in Table 7 in Annexes.

# 2

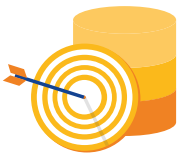
HITS GENERATED



## 2. Hits generated

When a set of fingerprint data is sent to Eurodac Central System for search purposes, the outcome of that search for the authority carrying it out may be either a 'hit' or a 'no hit'. **Hit** means that a matching data set has been found in the Eurodac. Category 1, 3, 4 and 5 data sets can be transmitted to Eurodac for search purposes and the outcome result could lead to hits against Category 1 and/or 2 data sets, which are the only data sets stored in the system.

Depending on whether the hit is received against the data set stored in the system owned by the same or another Member State carrying out the search, the result could be a **local** or a **foreign hit**, respectively. The Member States have the option to **exclude local hits**. In such cases, when performing searches, local hits will not be returned and will neither be included in the results nor in the statistics. Foreign Category 1 hits against Category 1 data sets, foreign Category 1 hits against Category 2 data sets, and foreign Category 3 hits against Category 1 data sets indicate **secondary movements**, meaning that a person has travelled from a Member State to another Member State.



- **Hit:** the fingerprint data set sent for comparison matches another data set already stored in the Central System. Category 1, 3, 4 and 5 data sets can be compared with Category 1 and 2 data sets.
- **Local hit:** the Member State authority performing the search receives a 'hit' against a data set previously stored in the Central System by that same Member State.
- **Foreign hit:** the Member State authority performing the search receives a 'hit' against a data set previously stored in the Central System by a different Member State.

The total number of hits returned during 2022 was **729,784**. Of these, **253,793 were local hits** and **475,991 were foreign hits**. The total number of hits increased by 20% compared to 2021 and 28% compared to 2019 (pre-COVID-19 period).

### Category 1 hits against Category 1 data sets

A search of a Category 1 data set, which is a fingerprint set of an asylum seeker, against Category 1 data sets will indicate whether a third-country national lodging an asylum request in a Member State has already requested international protection in the same (local hit) or another Member State (foreign hit) over the last 10 years. Any hits will reveal the number of cases of persons lodging multiple applications for international protection.

At the end of 2022, **a total of 357,255** Category 1 hits against Category 1 data sets were recorded. Of the total, **107,505 were local** and **249,750 were foreign hits**. A breakdown of the hits per Member State is available in Table 8 in Annexes.

Figure 6 on the next page shows the number of foreign hits over the past 7 years. It indicates the trend of secondary movements in relation to submitting asylum applications in more than one Member State.

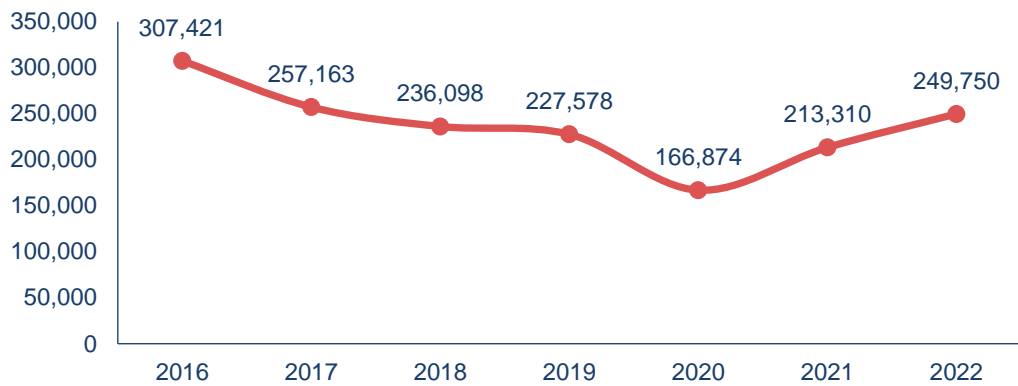


Figure 6: Foreign Category 1 hits against Category 1 data sets, 2016-2022

### Category 1 hits against Category 2 data sets

A search of Category 1 data sets against Category 2 data sets will indicate whether a third-country national lodging an international protection claim in one Member State was apprehended prior to that, while irregularly crossing the external border of the same (local hit) or another Member State (foreign hit). These types of hits provide an indication of the routes taken by persons who irregularly cross external borders of the EU+ and subsequently apply for international protection in the same or another Member State.

The **total number** of Category 1 hits against Category 2 data sets was **149,794** in 2022. Of those, **88,431 were local hits** and **61,363 were foreign hits**. Detailed information per Member State is available in Table 9 in Annexes.

Figure 7 illustrates the trend for this type of hits over the past 7 years. Such hits are proportionate to the amount of Category 2 data stored in the system. Following the migration crisis in 2015, the amount of Category 2 data stored in the system reached record levels (with a total of 661,470 data sets). Since then, the amount of Category 2 data has significantly decreased as these data are stored in the system for 18 months, and then automatically deleted.

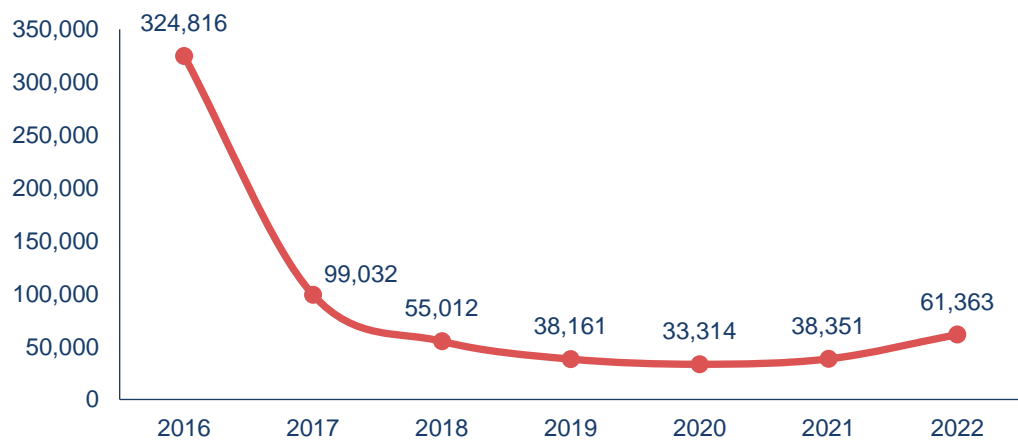


Figure 7: Foreign Category 1 hits against Category 2 data sets, 2016-2022



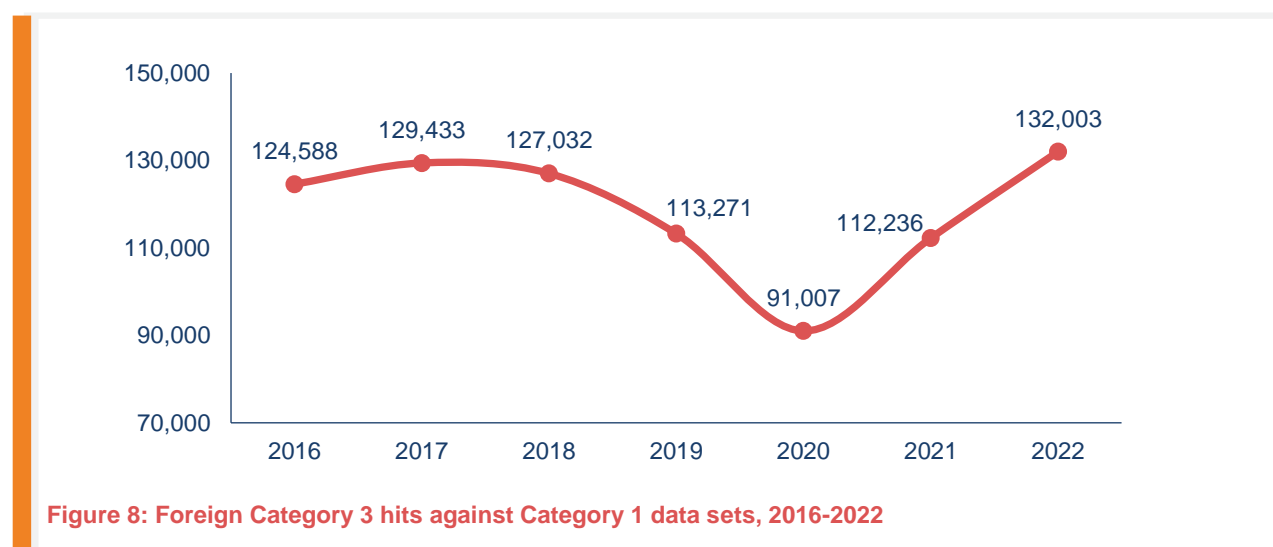
### Category 3 hits against Category 1 data sets

A Category 3 transaction is a search performed against all Category 1 data sets stored in Eurodac. This sort of search is performed to examine whether a third-country national illegally found within the territory of a Member State had previously requested international protection in the last 10 years in the same (local hit) or another Member State (foreign hit).

It should be noted that under Article 17 of the Eurodac Regulation, Member States are not obliged to make use of the Category 3 search and thus not all the Member States make systematic use of this functionality.

At the end of 2022, a total of **184,253** Category 3 hits against Category 1 data sets were recorded. Of these, **52,250 were local** and **132,003 were foreign hits**. Detailed information of the number of hits per Member State can be found in Table 10 in Annexes.

Figure 8 below shows the trend for this type of hits over the last 7 years, indicating the secondary movements of persons found illegally staying in a Member State while being granted international protection by another Member State.



### Category 4 hits against Category 1 and 2 data sets

Category 4 searches are performed by national law enforcement authorities. The searches can be carried out either with Criminal Print-to-print Searches (CPS) when the full set of fingerprints is taken directly from the person, or with Mark-to-Print Searches (MPS) when latent fingerprints are sent. For CPS there are hits, whereas for MPS the search returns a number of best matching candidates.

These hits give an indication about persons searched for by law enforcement authorities who previously had been recorded in Eurodac in the same Member State performing the search (local hit) or in another Member State (foreign hit). Hits are generated either because the persons had applied for international protection in the last 10 years, or because they had been apprehended during an irregular crossing of the EU+ external borders over the previous 18 months. Hits are not generated when a person has been granted international protection more than 3 years ago, as mentioned above, as these data sets are blocked for law enforcement searches.

In 2022, a total of 30 Category 4 searches resulted in a hit. Of those, 26 were hits against Category 1, and 4 against Category 2 data sets and a total of 10 were local and 20 foreign hits. A more detailed division of these hits is visible in Figure 9 below.

	Against Category 1	Against Category 2	Total
Local	9	1	10
Foreign	17	3	20
<b>Total</b>	<b>26</b>	<b>4</b>	<b>30</b>

Figure 9: Number of Category 4 hits in 2022

Tables 11 and 12 in Annexes show the Category 4 hits against each of the two abovementioned categories of data sets per Member State.

### Hits against marked data sets

**The Category 1 hits against marked Category 1** data sets give an indication of persons who were granted international protection and who subsequently re-applied for international protection in the same (local hit) or another Member State (foreign hit). In 2022, **27,323** searches resulted in a hit. Of those, 3,908 were local and 23,415 were foreign hits.

**The Category 1 hits against marked Category 2** data sets give an indication of persons who were granted international protection and who were previously apprehended while irregularly crossing an external border of the EU+ in the same (local hit) or in another Member State (foreign hit). In 2022, **1,988** hits were recorded, of which 3 were local and 1,985 were foreign hits.

**The Category 3 hits against marked Category 1** data sets give an indication of persons who were granted international protection and who were subsequently found to be staying illegally within the territory of the same (local hit) or another Member State (foreign hit). In 2022, **9,141** hits were recorded, of which 1,686 were local and 7,455 foreign hits.

In Tables 13, 14 and 15 in Annexes, different categories of hits on marked data set are presented, per Member State.

# 3

## ANNEXES



### 3. Annexes

#### Data sets transmitted in 2022

**Table 1: Number of data sets transmitted per Member State and Europol in 2022**

Member State	Category 1	Category 2	Category 3	Category 4	Category 5	Total
AT	104,582	87	18,420	33		123,122
BE	30,753		34,476			65,229
BG	18,232	1,399	4,467	3		24,101
CH	19,456	1	13,675			33,132
CY	20,207	18,238	3	3		38,451
CZ	1,480	3	21,297			22,780
DE	277,314	1,617	99,815	1,396		380,142
DK	3,809	6	2,337	10		6,162
EE	2,615	15	999			3,629
ES	91,269	29,574	1,768	4		122,615
FI	4,465	1	312	7		4,785
FR	123,296	974	19,212	18		143,500
GR	32,683	24,038	24,875			81,596
HR	8,596	10,417	27			19,040
HU	2,468	116	5,752	1		8,337
IE	16,960	5				16,965
IS	3,454	5	62			3,521
IT	91,626	99,224	38,160			229,010
LI	202	1	5			208
LT	697	86	92			875
LU	1,819	13	5,575			7,407
LV	409		9			418
MT	837	532	121			1,490
NL	34,464	1,136	12,286	4		47,890
NO	17,518	28	3,970			21,516
PL	6,849	177	1,999	1		9,026
PT	1,800		131	1		1,932
RO	10,330	3,996	1,027			15,353
SE	16,005	6	644	10		16,665
SI	6,099	9	13,079			19,187
SK	474	417	12,787			13,678
Europol					53	53
<b>Total</b>	<b>950,768</b>	<b>192,121</b>	<b>337,382</b>	<b>1491</b>	<b>53</b>	<b>1,481,815</b>

Searches in Categories 4 and 5 performed by Member States' designated law enforcement authorities and Europol can be either Criminal Print-to-print Searches (CPS) when the full set of fingerprints is taken directly from the person, or Mark-to-Print Searches (MPS) when the fingerprints sent are latent fingerprints.

**Table 2: Breakdown of Category 4 data sets transmitted by Member States in 2022**

Member State	CPS	MPS	Total
AT	26	7	33
BG	3		3
CY	2	1	3
DE	21	1,375	1,396
DK		10	10
ES	2	2	4
FI		7	7
FR	5	13	18
HU	1		1
NL		4	4
PL	1		1
PT	1		1
SE	10		10
<b>Total</b>	<b>72</b>	<b>1,419</b>	<b>1,491</b>

**Table 3: Breakdown of Category 5 data sets transmitted by Europol in 2022**

	CPS	MPS	Total
Europol	0	53	53

## Marked, unmarked and blocked data sets in 2022

Table 4: Number of marked data sets per Member State in 2022

Member State	Number of marking as initiator	Number of marking following the initiator	Total
AT	11,556	4,140	15,696
BE		2,666	2,666
BG	211	1,967	2,178
CH	3,955	1,618	5,573
CY	2	45	47
CZ	89	48	137
DE	31,662	22,814	54,476
DK	282	613	895
EE	14		14
ES	6,852	1,124	7,976
FI	1,168	1,045	2,213
FR	28,637	7,390	36,027
GR	17,644	15,253	32,897
HR	5	493	498
HU		1,898	1,898
IE	125	1,588	1,713
IS		166	166
IT	36	4,744	4,780
LI		36	36
LT		63	63
LU	37	208	245
LV	150	15	165
MT	133	357	490
NL	1	1,766	1,767
NO	965	541	1,506
PL	3,027	591	3,618
PT		83	83
RO	398	742	1,140
SE	3,257	2,861	6,118
SI	121	499	620
SK	45	42	87
<b>Total</b>	<b>110,372</b>	<b>75,416</b>	<b>185,788</b>

Table 5: Number of unmarked data sets per Member State in 2022

Member State	Number of unmarking as initiator	Number of unmarking following the initiator	Total
AT	869	44	913
BE	9	63	72
BG	1	44	45
CH	2,255	91	2,346
CY	1		1
CZ		4	4
DE	989	469	1,458
DK	20	17	37
ES	4	5	9
FI	9	7	16
FR		120	120
GR	1	56	57
HR	1		1
HU		185	185
IT		83	83
LT		3	3
LU		11	11
MT		2	2
NL	3	104	107
NO	25	10	35
PL	10	6	16
RO		5	5
SE	62	27	89
SI	1	5	6
SK	13	6	19
<b>Total</b>	<b>4,273</b>	<b>1,367</b>	<b>5,640</b>

Table 6: Number of blocked data sets per Member State in 2022

Member State	Blocked records for Law enforcement since 01/01/2022
AT	57,596
BE	31,396
BG	14,630
CY	1,979
CZ	551
DE	460,126
DK	23,805
EE	125
ES	7,944
FI	8,331
FR	87,635
GR	38,090
HR	643
HU	41,722
IE	2,575
IT	20,333
LT	497
LU	1,321
LV	332
MT	887
NL	45,039
PL	2,721
PT	325
RO	3,096
SE	61,623
SI	714
SK	190
<b>Total</b>	<b>914,226</b>

## Rejected data sets in 2022

Table 7: Number of rejected data sets per Member State in 2022

Member States	Data sets rejected
AT	568
BE	372
BG	131
CH	170
CY	175
CZ	28
DE	10,172
DK	192
EE	43
ES	8,615
FI	284
FR	9,765
GR	706
HR	486
HU	130
IE	417
IS	248
IT	1,687
LI	12
LT	17
LU	16
LV	26
MT	25
NL	960
NO	484
PL	255
PT	78
RO	346
SE	497
SI	24
SK	17
<b>Total</b>	<b>36,946</b>

## Category 1 hits against Category 1 data sets in 2022

The Member States listed in column one have carried out searches which produced hits against the data of the Member States listed across the top of the table. Local hits are produced when the two data sets generating the hit are from the same country. The number of local hits depends on the Member State settings when performing a search in Eurodac. The Member States have the option to filter out local hits from the results, therefore, these hits are not represented in the statistics.

**Table 8: Number of Category 1 hits against Category 1 data sets per Member State in 2022**

Member States	AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GR	HR	HU	IE	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	Local hits	Foreign hits	Total
AT	2,848	209	9,200	327	297	35	1,541	97	6	45	30	584	5,324	220	256	4	11	359	8	32	36	6	5	337	43	102	10	1,432	151	77	67	2,848	20,851	23,699
BE	3,677	7,797	1,788	477	36	25	3,681	146	8	364	45	2,752	1,894	1,004	104	4	25	948	2	75	110	15	126	1,029	83	194	31	267	664	246	10	7,797	19,830	27,627
BG	20	10	97	7	1		76	10		1	2	7	29		22		1	4	0	2		1	1	10	4	3	1	15	17	4		97	248	345
CH	2,278	244	657	1,005	7	17	1,846	73	2	116	47	764	1,560	688	89	3	3	492	4	31	61	9	16	719	50	57	31	123	210	218	13	1,005	10,428	11,433
CY	14	3	3	5	70	2	27	2		1	2	9	10		7		12				2			3	2			1	9			70	114	184
CZ	34	11	2	16	1	340	86	5		1	1	26	1		1		7				2	1	2	16	9	5	1	3	30		4	340	265	605
DE	11,815	1,945	7,020	2,201	258	186	29,498	742	18	876	363	7,584	19,397	3,388	1,666	27	59	4,350	27	1,519	213	134	168	3,062	379	2,169	224	2,309	2,257	1,223	59	29,498	75,638	105,136
DK	170	78	55	110	6	5	413	235	1	12	28	107	112	17	12	1	1	65	6	6	24	6	3	173	23	17	5	19	227	6	3	235	1,711	1,946
EE	2	1	1	5		1	16	1	10	2	8	3					1	1		2	2	3			1	2			12	1		10	65	75
ES	65	97	4	59		1	273	15		799	11	276	140	67	13	3	451			2	4		8	70	16	4	12	23	57	81	2	799	1,757	2,556
FI	51	20	8	23	24		204	80	6	6	1,646	52	151	5	20		8	91		20	2	4	3	53	34	21	1	9	188	3	1	1,646	1,088	2,734
FR	11,005	2,706	4,131	1,556	98	98	10,210	338	8	1,255	217	28,331	6,717	834	826	25	34	7,115	15	208	169	58	543	1,292	213	619	172	1,614	1,405	1,279	63	28,331	54,823	83,154
GR	53	19	57	14	12		251	17		4	11	91	7,999	0	47		3	36				1		28	17		1	14	49	6	3	7,999	734	8,733
HR	55	18	111	14	14	2	297	15	1	10	6	60	895	21	14		2	10		2		2		16	10	130		25	14	19		21	1,742	1,763
HU	15		1	1		6	34	2				62	3		43			8						1	1	7		2	2	1		43	146	189
IE	506	328	388	236	43	22	1,226	186		44	156	1,007	1,189	15	59	4,007	39	574	4	13	24	4	65	289	85	36	12	177	854	72	4	4,007	7,657	11,664
IS	16	50	4	3	7	1	84	11		7	10	18	220	2	5	2	73	37		2	3	1		21	20	6	2	12	35		2	73	581	654
IT	6,872	399	783	565	50	25	3,646	102	2	177	118	3,122	4,195	339	419	8	13	10,546	6	15	27	6	150	432	96	40	17	1,232	604	1,073	23	10,546	24,556	35,102
LI	5	3	2	26			33	4		1	1	4	1	1				6	5		6			17	3		1	0	1	2		5	117	122
LT	1	3		1			21				5	4									44			1	1	2			6			44	48	92
LU	62	42	17	48	2		149	5		2	6	88	68	20	7			46		6	38		4	85	3	10	2	2	12	6	2	38	694	732
LV	2	1	2	2			23	4		4	7	5	1		2			3				6		9	3	1		16	1	1		6	87	93
MT	8	6	14	2		1	22	1		1	4	14	56		1			34			1			80	4		1	1	5			80	176	256
NL	1,394	624	584	928	25	41	3,983	274	3	296	64	1,528	2,041	93	175	11	9	1,279	3	46	95	17	100	4,679	106	152	31	245	460	155	12	4,679	14,774	19,453
NO	291	46	113	43	2	3	184	173	1	7	13	44	148	8	10		6	52	4	4	4	6	2	73	683	25	0	27	189	14		683	1,492	2,175
PL	80	47	21	18		14	483	24	3	8	22	69	21	1	10	1	3	8		28	3	6	2	45	38	2,061	2	32	47	2	2	2,061	1,040	3,101
PT	31	24	4	39	1	4	193	7		36	12	154	142	3	6	1	1	273	1	1	9	1	14	59	7	1	27	6	20	12		27	1,062	1,089
RO	70	9	263	10	33	2	122	4		6	3	44	134	1	9	3	15			1				21	2	11		417	18	2		417	783	1,200
SE	208	103	81	116	10	13	921	345	2	29	108	253	310	22	153	4	6	210	1	12	18	14	20	208	128	32	5	31	3,997	12	5	3,997	3,380	7,377
SI	41	4	204	25	41		99	8		6	6	32	1,599	1,551	35		2	15						29	6	7	1	48	16	45		45	3,776	3,821
SK	22	1	3	6		2	13					11	8		1			1						7		3	1	5	3		58	58	87	145
Total	41,711	14,848	25,618	7,888	1,038	846	59,655	2,926	71	4,116	2,952	47,105	54,365	8,300	4,012	4,104	303	27,048	86	2,071	854	302	1,314	12,788	2,066	5,717	591	8,091	11,575	4,560	334	107,505	249,750	357,255

## Category 1 hits against Category 2 data sets in 2022

The Member States listed in column one have carried out searches which produced hits against the data of the Member States listed across the top of the table. Local hits are produced when the two data sets generating the hit are from the same country. The number of local hits depends on the Member State settings when performing a search in Eurodac. The Member States have the option to filter out local hits from the results, therefore, these hits are not represented in the statistics.

**Table 9: Number of Category 1 hits against Category 2 data sets per Member State in 2022**

Member States	AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GR	HR	HU	IE	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	Local hits	Foreign hits	Total
AT	9		478		9		2			46			2,479	127	5			621		1			7	1		6		99			2	9	3,883	3,892
BE	1		49		6		6			430		16	879	1,365				2,064			2		73	1		3		36				0	4,931	4,931
BG			1,323							1			2															2				1,323	5	1,328
CH			27		5		5			445		4	1,083	911	2			1,375					1	3	1	1		10				0	3,873	3,873
CY					18,137					0																						18,137	0	18,137
CZ							1			2			1	1				1						1				1				0	8	8
DE	2		582		69		510			1,713		72	6,258	3,602				11,549		24	1		85	20	1	258		275	2		8	510	24,521	25,031
DK			2		2		1			17			63	14				111					1									0	211	211
EE									4																							4	0	4
ES										3,355		5	6	53				94						14				2	1			3,355	175	3,530
FI					19					1			43	7				45							1	2		1				0	119	119
FR			106		45		13			3,188			625	976	943	3		6,545		2			64	4	1	19		115			2	625	12,026	12,651
GR			1		1								21,565					2										1				21,565	5	21,570
HR			8		5		1						90	5,421														4				5,421	108	5,529
HU										1			1		2			1								1		49				2	52	54
IE			8				1			89		2	384	13			3	1	291			2	1	5		6		14				3	817	820
IS	3									1			75	1				6	7									2				6	89	95
IT	2		31		16					825		3	385	461				36,266						34	5		3		83			36,266	1,848	38,114
LI			1											1				1														0	3	3
LT																																84	1	85
LU			3							23		3	63	22				185														5	305	310
LV													3																			0	3	3
MT													1					5						392								392	6	398
NL			57		1	1	17			676		12	1,728	65				3,067		3			60	55		20		28				55	5,735	5,790
NO			5				4			46		3	197	13				155		1			1		4			8	1		1	4	435	439
PL	1		3							1			6	1							5					111		1				111	18	129
PT										42			26	2				38					7					3				0	118	118
RO			20		2								22	2				1										549				549	47	596
SE			7		7					19		3	123	22				193					3	2	1	1		3	4			4	384	388
SI	1		3							1			149	1,464				3										10				0	1,631	1,631
SK													5																			1	6	7
<b>Total</b>	<b>19</b>	<b>0</b>	<b>2,714</b>	<b>0</b>	<b>18,324</b>	<b>1</b>	<b>561</b>	<b>0</b>	<b>4</b>	<b>10,921</b>	<b>0</b>	<b>748</b>	<b>36,613</b>	<b>14,511</b>	<b>12</b>	<b>3</b>	<b>7</b>	<b>62,620</b>	<b>0</b>	<b>120</b>	<b>10</b>	<b>0</b>	<b>736</b>	<b>111</b>	<b>9</b>	<b>431</b>	<b>0</b>	<b>1,297</b>	<b>8</b>	<b>0</b>	<b>14</b>	<b>88,431</b>	<b>61,363</b>	<b>149,794</b>



## Category 3 hits against Category 1 data sets in 2022

The Member States listed in column one have carried out searches which produced hits against the data of the Member States listed across the top of the table. Local hits are produced when the two data sets generating the hit are from the same country. The number of local hits depends on the Member State settings when performing a search in Eurodac. The Member States have the option to filter out local hits from the results, therefore, these hits are not represented in the statistics. Moreover, under Article 17 of the Eurodac Regulation, the Member States are not obliged to make use of the Category 3 search and thus not all the Member States make systematic use of this functionality.

**Table 10: Number of Category 3 hits against Category 1 data sets per Member State in 2022**

Member States	AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GR	HR	HU	IE	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	Local hits	Foreign hits	Total
AT	2,855	119	648	359	21	33	1,386	66	2	32	26	390	698	147	220		6	965	7	5	33	1	13	292	44	37	5	389	170	99	37	2,855	6,250	9,105
BE	2,069	9,218	339	2,401	15	33	7,233	839	5	736	93	2,763	784	113	410	38	16	1,431	2	34	335	14	106	6,208	208	129	18	553	1,115	397	27	9,218	28,464	37,682
BG	22	3	204	6		1	43	6		1	1	10	21		19		1	5		2				8	1	3	1	7	6	5	1	204	173	377
CH	3,384	264	1,203	2,867	5	27	2,448	189	2	168	32	1,206	414	64	208	19	5	1,082	18	7	90	17	10	1,187	75	29	7	168	224	140	26	2,867	12,718	15,585
CY					1																											1	0	1
CZ	75	31	222	12	22	139	234	2		2	7	37	514	1	17		1	19			1		1	30	6	11		54	10	2	11	139	1,322	1,461
DE	6,741	902	2,617	1,456	69	121	16,780	446	4	432	221	3,101	5,518	933	376	21	23	2,082	16	447	128	33	58	1,968	189	768	77	1,000	1,145	455	36	16,780	31,383	48,163
DK	73	65	26	56	5		360	604		13	25	82	75	2	17	1	4	116		1	5		1	136	57	11	1	7	384	6	2	604	1,531	2,135
EE	1		3	3		1	12		28	4	4	3			1			2		1		1										28	46	74
ES	16	7	2	8			109	8		527	6	50	4		4		6	36		1	1		3	27	2		2	1	18	1	1	527	313	840
FI	7			4			16	5	1		45	4	6		2			19				2		3	3	3			14			45	89	134
FR	1,706	392	488	909	6	8	2,606	153		356	46	5,258	565	74	282	10	1	1,963	2	9	94	8	72	1,194	57	36	19	228	282	270	18	5,258	11,854	17,112
GR	45	22	50	20	11		278	16		6	17	97	6,289		44		4	37				2		35	12		1	16	49	7	3	6,289	772	7,061
HR							1					1	2					1														0	6	6
HU	70	23	25	28	1	14	274	8			5	97	30	4	97	1	3	25			2	1	1	36	5	4	3	179	34	6		97	879	976
IE																																0	0	0
IS	1	2		1			4	1		1			3				1	6			1	1			1				8			6	26	32
IT	5,935	199	922	537	72	11	1,965	100	1	92	54	1,551	3,229	659	249	3	8	2,816	12	12	31	5	64	410	48	25	10	921	311	800	45	2,816	18,281	21,097
LI	4			3			1													1												1	8	10
LT			1				14				1	1									8					1						8	19	27
LU	170	171	30	245	2	6	688	50		29	21	403	103	20	29	5	4	217	2	13	152	1	7	456	23	20	8	28	90	19	2	152	2,862	3,014
LV	1						2						1					1											1			0	6	6
MT	2	2	2	2			9					7	8					9			1			86	2				1			86	45	131
NL	458	368	132	575	6	14	1,926	177	1	228	37	610	267	15	72	12	8	415		9	58	1	16	2,913	51	21	14	37	295	67	7	2,913	5,897	8,810
NO	155	41	53	65	4		248	130	1	7	23	94	104	7	27	6	4	108	3	4	4	3	2	84	411	4		9	259	8		411	1,457	1,868
PL	33	17	37	27		15	263	13		6	7	73	54		14	2		24		17	8	19	1	34	14	233	1	48	42	2	5	233	776	1,009
PT	18	1		7			25	3		4	5	12	4		5	1		15			1		1	21	1		7	2	4	1		7	131	138
RO	65	5	26	6	1		64		1	1	1	28	38		3			7							1	9			435	4		435	260	695
SE	9	14	2	12	2	1	64	40		2	15	18	20	1	3	1	1	52			2		2	23	12				208	1		208	297	505
SI	80	7	422	46	93	1	193	13		10	9	87	1,672	2,029	48		1	60	4	1	9			29	11	5	2	88	48	54	5	54	4,973	5,027
SK	26	4	310	9	11	3	121	2		3		15	456	6	10			11						16	2	7		140	12		8	8	1,164	1,172
<b>Total</b>	<b>24,021</b>	<b>11,877</b>	<b>7,764</b>	<b>9,664</b>	<b>347</b>	<b>428</b>	<b>37,367</b>	<b>2,871</b>	<b>46</b>	<b>2,660</b>	<b>700</b>	<b>15,998</b>	<b>20,879</b>	<b>4,076</b>	<b>2,158</b>	<b>121</b>	<b>102</b>	<b>11,518</b>	<b>67</b>	<b>572</b>	<b>956</b>	<b>108</b>	<b>444</b>	<b>15,113</b>	<b>1,235</b>	<b>1,356</b>	<b>176</b>	<b>4,310</b>	<b>4,743</b>	<b>2,341</b>	<b>234</b>	<b>52,250</b>	<b>132,002</b>	<b>184,253</b>

## Category 4 hits against Category 1 and 2 data sets in 2022

Table 11: Number of Category 4 hits against Category 1 data sets per Member State in 2022

Member States	AT	BG	CY	DE	DK	FR	GR	IT	PT	SE	Local hits	Foreign hits	Total
AT	6					1		2			6	3	9
BG		1									1	0	1
CY			2							1	2	1	3
DE	1					1	1	2		1	0	6	6
FR								2			0	2	2
PL				1				1			0	2	2
SE				1	1				1		0	3	3
<b>Total</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>17</b>	<b>26</b>

Table 12: Number of Category 4 hits against Category 2 data sets per Member State in 2022

Member States	CY	IT	Local hits	Foreign hits	Total
CY	1		1	0	1
FR		1	0	1	1
SE		2	0	2	2
<b>Total</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>4</b>

## Category 1 hits against marked Category 1 data sets in 2022

The Member States listed in column one have performed a certain number of Category 1 searches which produced hits against the marked data sets of Member States listed across the top of the table. Local hits are generated when the two data sets generating the hit are from the same country.

**Table 13: Number of Category 1 hits against marked Category 1 data sets per Member State in 2022**

Member State	AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GR	HR	HU	IE	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	Local hits	Foreign hits	Total	
AT	235	12	18	13	4		118	5		4		36	233		37		2	16			1	1	1	17	3	7		15	11	1		235	555	790	
BE	19	685	29	21	9		284	9	1	56	1	120	852	8	11	1	8	28			3	1	7	63	2	4		19	45			685	1,601	2,286	
BG	1		2	1			14					1	3									1		1				1	2			2	25	27	
CH	11	10	13	82	2		130	8		7	2	36	422	1	9			16						17	1	5	1	2	14	3		82	710	792	
CY	2		1	2	1		4											1														1	10	11	
CZ						2	1																						1				2	2	4
DE	131	250	342	180	52	12	1,918	117	7	185	49	387	9,914	40	80	7	11	62		18	10	35	19	164	59	20	3	142	238	25	10	1,918	12,569	14,487	
DK	9	3	2	4	1		29	16			3	7	9	1	4			1			1	1		9	4				13	1		16	102	118	
ES	3	2	1	5			8			3		2	5		1			3							1	1		1	2		1	3	36	39	
FI	5	2			3		15	1			12	2	62		2		2	2							2	1			7			12	106	118	
FR	58	173	19	98	7	3	443	35		155	5	612	1,754	5	26		2	74	1	1	6	20	10	64	15	5		36	63	13	1	612	3,092	3,704	
GR	4	1		1			29	5				2	20		4									3	4				6			20	59	79	
HR	2	2	1	3	2		7						26		1									1		3			1			0	49	49	
IE	59	48	58	28		1	290	52		8	13	190	867	2	9		10	12	35			5		14	35	14	1		78	57	7	10	1,883	1,893	
IS		18	1	2	5		50	4		1	3	3	161		2			13	3			2	1		6	3		4	1			13	270	283	
IT	22	15	4	14			106	2		1	1	61	72	2	11		1	32			2	1	1	15	3	1		1	9	1		32	346	378	
LT							1														3								5				3	6	9
LU	1	2		6			14	1				1	10					3				2			4				1			2	43	45	
LV							3																										0	3	3
MT	4	1	3				6			1			28											3	1		1					3	45	48	
NL	39	51	40	56	8		312	37	1	12	5	85	661	2	10	1	3	32			4		5	146	11	1		24	38	3		146	1,441	1,587	
NO	3	7	2	5	2		21	7				5	29		2		1	4			2	1		2	7			1	13	1		7	108	115	
PL		1					3					1															15		1				15	6	21
PT							7					5	3					3						2	1				2			0	23	23	
RO	2	1					10					1	5					5							146	11	1		24	38	3		3	21	24
SE	8	9	5	2	1		47	14		3	3	10	98		11		1	6					2	6	3			2	81			81	231	312	
SI	3		2	1			10					1	28	22				1							2		1	1		1		1	72	73	
SK	1																														4		4	1	5
<b>Total</b>	<b>622</b>	<b>1,293</b>	<b>543</b>	<b>524</b>	<b>97</b>	<b>18</b>	<b>3,880</b>	<b>313</b>	<b>9</b>	<b>436</b>	<b>97</b>	<b>1,568</b>	<b>15,262</b>	<b>83</b>	<b>220</b>	<b>19</b>	<b>56</b>	<b>322</b>	<b>1</b>	<b>22</b>	<b>38</b>	<b>62</b>	<b>62</b>	<b>558</b>	<b>133</b>	<b>67</b>	<b>5</b>	<b>330</b>	<b>609</b>	<b>58</b>	<b>16</b>	<b>3,908</b>	<b>23,415</b>	<b>27,323</b>	

## Category 1 hits against marked Category 2 data sets in 2022

The Member States listed in column one have performed a certain number of Category 1 searches which produced hits against the marked data sets of Member States listed across the top of the table. Local hits are generated when the two data sets generating the hit are from the same country.

**Table 14: Number of Category 1 hits against marked Category 2 data sets per Member State in 2022**

Member State	BG	DE	ES	GR	HR	IT	NL	RO	Local hits	Foreign hits	Total
AT	1			49				1	0	51	51
BE	2			185		1			0	188	188
CH				47	1				0	48	48
DE	14	1		934	22	1	1	7	1	979	980
ES				3					0	3	3
FI				15					0	15	15
FR			4	165	3				0	172	172
IE			1	244				6	0	251	251
IS				40					0	40	40
IT	1			3					0	4	4
LU				1					0	1	1
NL				196		3	2		2	199	201
NO				9					0	9	9
PL				1					0	1	1
PT				1					0	1	1
RO				3					0	3	3
SE				7					0	7	7
SI					13				0	13	13
<b>Total</b>	<b>18</b>	<b>1</b>	<b>5</b>	<b>1,903</b>	<b>39</b>	<b>5</b>	<b>3</b>	<b>14</b>	<b>3</b>	<b>1,985</b>	<b>1,988</b>

## Category 3 hits against marked Category 1 data sets in 2022

The Member States listed in column one have performed a certain number of Category 1 searches which produced hits against the marked data sets of Member States listed across the top of the table. Local hits are generated when the two data sets generating the hit are from the same country.

**Table 15: Number of Category 3 hits against marked Category 1 data sets per Member State in 2022**

Member State	AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GR	HR	HU	IE	IS	IT	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	Local hits	Foreign hits	Total
AT	81	10	14	15	6		118	9		2	4	47	148	2	24		1	21					16	5	10		5	22			81	479	560
BE	23	301	11	44	2	1	260	14		27	2	112	166	1	9	3	2	25		9	2	5	78	2	2		12	27	3	1	301	843	1,144
BG	4		4	1			12					1			1								1				1	1	2		4	24	28
CH	31	22	7	148			137	8		9		54	41	3	8			30					21	3	2		3	11	7		148	397	545
CZ	4	2	1	1	2	1	19					9			3								2	1	1		3	1			1	49	50
DE	108	78	41	99	10	4	626	48		26	10	164	2,459	6	30	3	2	40	2	8	1	2	70	36	10	1	32	101	9		626	3,400	4,026
DK	3	1	3	1	2		49	59		5	3	4	20		5		1	3					7	11	1						59	160	219
EE				1			1				1				1																0	4	4
ES		2		2			46	3		50		17						2				1	4	1				4			50	82	132
FI							1				1	1	2					1													1	5	6
FR	25	23	11	18	2		134	22		19	3	108	59	3	15	2		21		3			29	6			6	36	2	2	108	441	549
GR	4	5		6			50	4				3	72		5			1					5	3				8			72	94	166
HR							1																								0	1	1
HU	23	2	2	3			35	3				2	8		9							1	3	2			2	13	1		9	100	109
IS		1					1						2							1											0	5	5
IT	19	9	4	12	4		62	10	1	1	1	28	40	2	4			25		1			10	5	2		3	4	3		25	225	250
LI	1			1			1																		1						0	4	4
LU	9	19		15		2	62	5		1	1	30	32		5					6	1		21	3			3	7			6	229	235
MT			1				1					4										2									2	6	8
NL	18	28	9	21	2		138	14		5		67	78	1	5		1	19		7			102	13	2		4	10			102	442	544
NO	14	10	6	5	3		48	18		1	4	31	34		7		1	12		1	1		7	71				35	2		71	240	311
PL	3	2	1				20					3	1		1							1	2	1			1	1			0	37	37
RO			1				3						3														6				6	7	13
SE	1	4	1				5			1		3	15		1		1	2										14			14	34	48
SI	5		2				16	1			2	1	30	15	1			1		1				1			1	5			0	82	82
SK	1				3		37	1					10		5								1								0	65	65
<b>Total</b>	<b>377</b>	<b>519</b>	<b>119</b>	<b>393</b>	<b>36</b>	<b>8</b>	<b>1,883</b>	<b>219</b>	<b>1</b>	<b>147</b>	<b>32</b>	<b>676</b>	<b>3,233</b>	<b>33</b>	<b>139</b>	<b>8</b>	<b>9</b>	<b>217</b>	<b>2</b>	<b>37</b>	<b>6</b>	<b>11</b>	<b>379</b>	<b>164</b>	<b>31</b>	<b>1</b>	<b>85</b>	<b>344</b>	<b>29</b>	<b>3</b>	<b>1,686</b>	<b>7,455</b>	<b>9,141</b>



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