



2020-071

Eurodac – 2019 statistics

March 2020

This document has been produced in application of Article 8(2) of Regulation (EU) No 603/2013 with the purpose of publishing the 2019 annual statistics on Eurodac.

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Introduction

Statistical data on the work of the Eurodac Central System, including a breakdown by Member State¹ is made publicly available on the annual basis since 2015, in accordance with Article 8(2) of Regulation (EU) No 603/2013² of the European Parliament and of the Council (here after referred to as the “Eurodac Regulation”).

This document provides statistics for the period from 01 January until 31 December 2019. All data is prepared by eu-LISA and extracted from the Eurodac Central System. Statistics on the work of Eurodac Central System in previous years' collections of statistics are available on the eu-LISA website³.

In addition to the annual statistics, eu-LISA publishes the annual reports *On the activities of the Eurodac Central System, including its technical functioning and security*. The annual report provides insights on the main developments of the system as well as an overview of annual statistics in comparison with the previous years.

¹ Under the term "Member States" the current document refers to the Member States of the EU and Associated Countries which were bound under Union law by Regulation (EU) No 603/2013 in 2019, if not further explained. Member States of the EU connected to Eurodac on 31 December 2019 were: Austria, Belgium, Bulgaria, Cyprus, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and the United Kingdom. Associated Countries connected to Eurodac were: Iceland, Liechtenstein, Norway and Switzerland.

² Regulation (EU) No 603/2013 on the establishment of 'Eurodac' for the comparison of fingerprints for the effective application of Regulation (EU) No 604/2013 establishing the criteria and mechanisms for determining the Member State responsible for examining an application for international protection lodged in one of the Member States by a third-country national or a stateless person and on requests for the comparison with Eurodac data by Member States' law enforcement authorities and Europol for law enforcement purposes, and amending Regulation (EU) No 1077/2011 establishing a European Agency for the operational management of large-scale IT systems in the area of freedom, security and justice (recast). OJ L 180, 29.6.2013

³ <https://www.eulisa.europa.eu/our-publications/reports>

1. Transmitted data sets

Data sets in Eurodac represent sets of fingerprints transmitted to the Central System for storing and/or for search purposes. Not all data sets transmitted are stored by default, this depends on the purpose of the transmission (on the type of category). Member States successfully transmitted a total of **916,577 sets of fingerprints** to the Eurodac Central System during 2019.

The total figure comprises transmission of data in the five main categories:



Eurodac Category 1 data sets are fingerprints of an applicant for international protection, aged 14 or older, who lodges an application in one of the Member States, as per Article 9(1) of Eurodac Regulation. The data is transmitted for search and for storage for 10 years.



Eurodac Category 2 data refers to sets of fingerprints of a third country national or a stateless person, aged 14 or older, apprehended when irregularly crossing the external border of a Member State having come from a third country and not turned back, as per Article 14(1). The data is transmitted to Eurodac for storage for a period of 18 months.



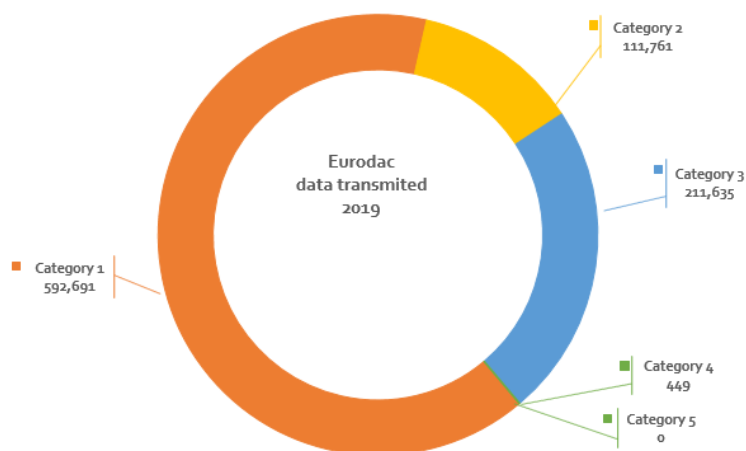
Eurodac Category 3 refers to sets of fingerprints of a third country national or a stateless person, aged 14 or older, found illegally present within a Member State territory, as per Article 17(1). The data is transmitted for search only.



Eurodac Categories 4 and 5 are sets of fingerprints sent by Member State law enforcement designated authorities (category 4) or Europol (category 5) for search for the purpose of the prevention, detection or investigation of terrorist offences or of other serious criminal offences, as per Articles 20(1) and 21(1). The data is transmitted for search only.

Law enforcement searches in Categories 4 and 5 are performed by Member State law enforcement designated authorities and Europol and 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. Europol relies on the Dutch connection and infrastructure in order to transmit data to Eurodac, in line with Article 19 of the Eurodac Regulation⁴ and upon agreement with the Dutch authorities. During the reporting period, Europol did not transmit any data.

Graph 1: Data breakdown per category transmitted to Eurodac in 2019 by all Member States

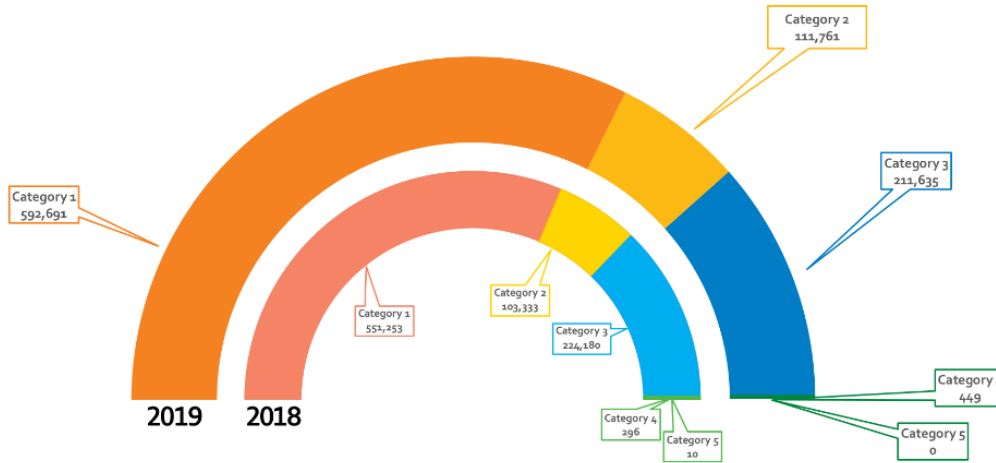


Source: eu-LISA.

⁴ Connection can only be achieved through the use of a Member States' National Access Point (NAP).

Compared to 2018 the total transaction sent to Eurodac **increased by 4%**. A breakdown of transmitted data by category is reflected in Graph 1, and further statistics on data sets per category transmitted by each Member State is available in Annex – 1. Furthermore, the share of various categories in the overall number of transactions remained similar to 2018 (see Graph 2).

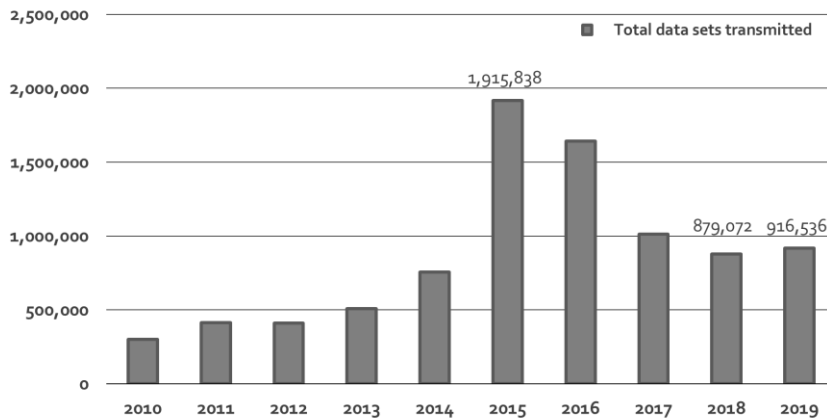
Graph 2: Share of each category in the total number of transactions; comparison between 2019 and 2018



Source: eu-LISA.

During the past decade, the Eurodac Central System saw a peak record of traffic in 2015 with almost 2 million transactions (see Graph 3).

Graph 3: Data traffic in the Eurodac Central System by year, 2010-2019



Source: eu-LISA.

Prior to 2015, the overall number of annual transactions had been steadily increasing. After 2015, data traffic volume started decreasing, falling below 1 million in 2018. Year 2019 saw a modest increase in the amount of total transactions for the first time since 2015, albeit still remaining under 1 million.

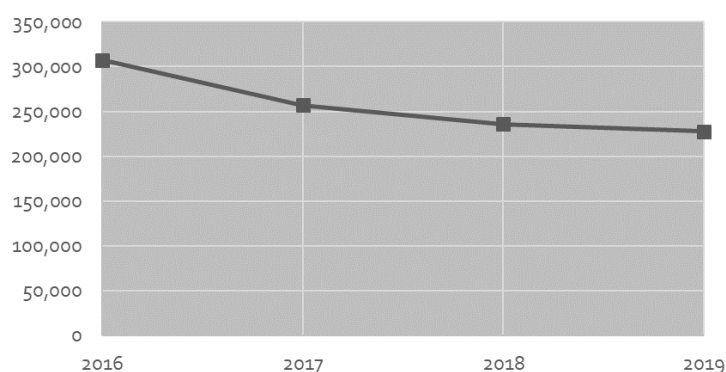
2. Category 1 hits against Category 1 data sets

When a Category 1 data set i.e. set of fingerprints of an applicant for international protection is sent to Eurodac, a search is automatically performed against all Category 1 data sets already stored into the system, in line with Article 9(3). Search that results in one or more hits, means that the fingerprints of that applicant are already

stored in Eurodac as Category 1 data set. Therefore such applicant has previously lodged one or more applications for international protection in one of the Member States in the last 10 years.

When the search results in a local hit, the previous application was made in the same Member State; whereas when the search results in a foreign hit the previous application for international protection was made in another Member State.⁵

Graph 4: Foreign Category 1 hits against Category 1 data sets by year, 2016-2019



Source: eu-LISA.

In total, **298,818 category 1 hits against category 1** were registered in 2019. Data on hits with a breakdown per Member State is available in Annex – 2. The annual number of foreign category 1 hits against category 1 has been decreasing since 2016 (see Graph 4).

3. Category 1 hits against Category 2 data sets

When a Category 1 data set i.e. set of fingerprints of an applicant for international protection is sent to Eurodac, a search is automatically performed also against all Category 2 data sets stored into the system, in line with Article 9(3). Search that results in one or more hits, means that the fingerprints of that applicant are already stored in Eurodac as Category 2. Therefore, such applicant was previously apprehended while irregularly crossing the European Union's (EU) external borders in the last 18 months.

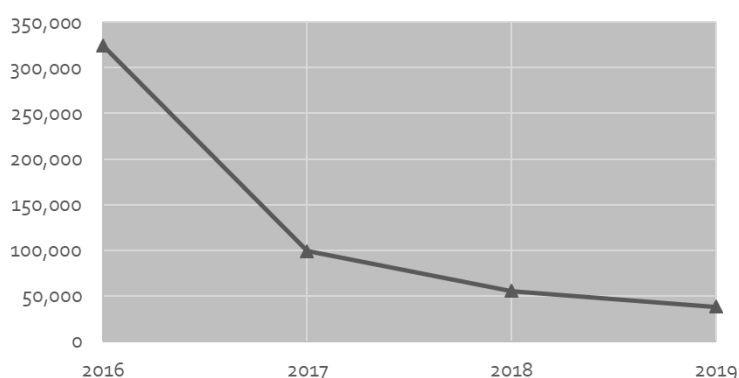
This type of hits provide an indication of the routes taken by persons who irregularly cross the EU's external borders and subsequently apply for international protection in the same or another Member State.

If the search results in a local hit, the apprehension for irregularly crossing was made in the same Member State⁶ where the person is lodging an application for international protection. On the other hand, if the search results in a foreign hit, the apprehension was registered by a different Member State than the one where the person lodged an application for international protection.

A total of **90,884 Category 1 hits against Category 2** were registered in 2019. Breakdown of hits per Member State is available in the Annex – 3. The total amount of foreign Category 1 hits against Category 2 had been declining annually since 2016 (see Graph 5).

⁵ Member States technically have the option to exclude own searches. In such cases, when performing searches local hits will not be returned and will not be recorded in the statistics.

⁶ Member States technically have the option to exclude own searches. In such cases, local hits will not be returned and will not be recorded in the statistics.

Graph 5: Foreign Category 1 hits against Category 2 data sets by year, 2016-2019

Source: eu-LISA.

4. Category 3 hits against Category 1 data sets

Category 3 transaction is a search performed against all Category 1 data sets stored in Eurodac. Hits of those searches give an indication of the secondary movements of persons found illegally staying within the territory of a Member State, who had previously requested international protection in the same or another Member State in the last 10 years.

Similar to the other categories, hits are registered as local if fingerprints belong to a person that first claimed international protection in the same Member State where the search was performed. Foreign hits are registered when the search was performed in a different Member State than the one where the application was lodged.⁷

A total of **159,580 Category 3 hits against Category 1** were registered in 2019. Breakdown of hits per Member State is available in Annex – 4.

5. Marked, unmarked, blocked and unblocked data sets⁸

As soon as the international protection status is granted, the respective Category 1 data set is marked in accordance with provisions in article 18(1) of Eurodac Regulation. In case of a hit, the marking will allow Member States to be aware of the status of international protection already granted. Member States are requested to follow-up on the “marking” procedure to ensure that both Category 1 and Category 2 data sets linked to the marked data set are also marked (marked following the initiator).

In 2019, **111,139 Category 1 data sets** were **marked** as per Article 18(1) of the Eurodac Regulation following the granting of an international protection status to respective applicants. Subsequently to this first marking, 62,884 linked Category 1 and/or Category 2 data sets were also marked by the relevant Member States (marking following the initiator). Breakdown of marked data sets per Member State is available in Table I of Annex – 5.

As per article 18(3), **2,481 Category 1 data sets** marked were **unmarked** as soon as the status of international protection was either revoked or ended, or the renewal was refused. In the same vein, the unmarking by the initiator produced the subsequent unmarking of 683 Category 1 and/or Category 2 data sets. Breakdown of unmarked data sets per Member State is available in Table II of Annex – 5.

Once the granted status of international protection is older than 3 years, the data set will be blocked and will no

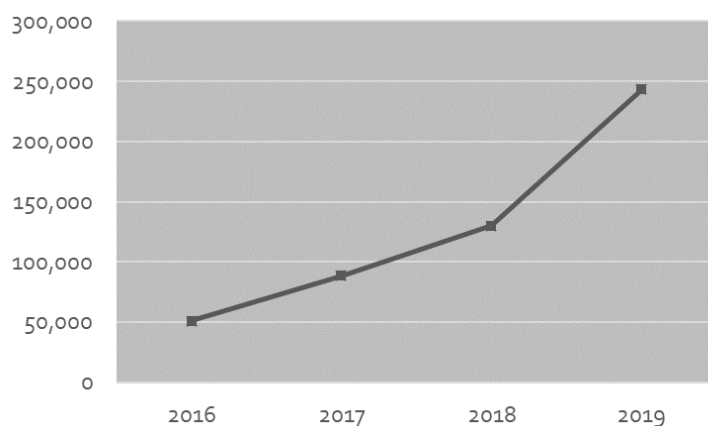
⁷ As per the provision in article 17 of Eurodac Regulation, Member States are not obliged to make use of this transaction. Therefore, not all Member States make systematic use of this functionality.

⁸ Technically, it is not possible to retrieve the number of unblocked datasets.

longer be available for law enforcement searches, as per provision in article 18(2) of Eurodac Regulation.

Since 01 January 2019, **243,520 data sets were blocked** i.e. not available for law enforcement searches as per Article 18(2)⁹. Breakdown per Member State of data not available for law enforcement due to international protection status granted prior 01 January 2016¹⁰ is available in Table III of Annex – 5.

Graph 6: Blocked data sets by year, 2016-2019



Source: eu-LISA.

This functionality has been available since July 2015 as a result of the last Eurodac Recast. Since then, naturally the amount of data sets blocked is increasing every year (see Graph 6), as increasingly more data sets with granted international protection status are stored in the system.

6. Rejected data sets

In order to be accepted by the Eurodac Central System, the transactions sent should be of sufficient quality. Sent fingerprints that have insufficient quality, for example, due to errors, poor quality and/or sequence, are rejected by the system and thus do not serve for comparison.

In 2019, **28,195 data sets** were **rejected** by the Eurodac Central System due to insufficient quality. Breakdown of transaction rejections per Member State is available in Annex – 6.

7. Category 1 hits against marked Category 1 and 2 data sets

As mentioned above, as soon as an international protection status is granted, Member States have to mark all data sets linked to the initial record. The marked data sets still remain available in the system for comparison, and hence are subject to generating hits.

⁹ As per Article 18.2, a blocked dataset represents a marked record, which is no longer accessible to law enforcement searches as international protection was granted at least 3 years ago. As per the previous tables a marked record can be a Category 1 data following the granting of international protection and thus marked as initiator or Category 1 and/or Category 2 data which were linked to the dataset initially marked as thus marked following the initiator. The dataset blocked for law enforcement searches remains, on the other hand, accessible (not blocked) for asylum purposes.

¹⁰ Data sets from the Associated Countries (Iceland, Liechtenstein, Norway and Switzerland) and Denmark are not accessible for law enforcement as the law enforcement elements of the Eurodac Regulation do not yet apply to them. Those data sets are not counted in Table III as the table shall only consider data set from countries implementing the law enforcement element of Eurodac Regulation.

The hits generated against marked Category 1 records give an indication of secondary movements of persons who were granted international protection¹¹, and subsequently re-apply for international protection in the same or another Member State.

In 2019, **14,286 Category 1 hits against marked Category 1** data sets were registered, and further **1,140 Category 1 hits against marked Category 2** data sets. Breakdown of Category 1 hits against marked data per Member State is available in Annex – 7.

8. Category 3 hits against marked Category 1 data sets

The marked Category 1 data sets remain available in the system also for comparison with Category 3 searches, and hence are subject to generating hits.

The hits generated against marked Category 1 records by Category 3 searches indicate secondary movements of persons who were granted international protection, and subsequently found illegally staying within the territory of a Member State.

In 2019, a total of **5,815 Category 3 hits against marked Category 1** data sets were registered. Breakdown by Member State is available in Annex – 8.

9. Category 4 hits against Category 1 and 2 data sets

Since July 2015, Member States' law enforcement authorities have a possibility to perform Category 4 searches in Eurodac under certain strict conditions. The searches are performed against Category 1 data set i.e. set of fingerprints of applicants for international protection which are not blocked, and against Category 2 data sets of person apprehended when irregularly crossing the external border.

Such hits give an indication on persons searched by law enforcement who previously were recorded in Eurodac, either because they lodged a request for international protection¹² in the last 10 years or because they were apprehended during an irregular crossing of the EU's external borders in the last 18 months.

In 2019, **155 Category 4 hits against Category 1** data sets were registered, and **14 Category 4 hits against Category 2 data sets**. Breakdown per Member State is available in Annex – 9.

¹¹ Some may also be Category 2 data sets belonging to persons previously apprehended while irregularly crossing the EU's external borders (prior to being granted an international protection status).

¹² Protection status not granted, as the data sets are not blocked.

Annexes

1. Transmitted data sets in 2019

Member State	Category 1 data	Category 2 data	Category 3 data	Category 4 data	Category 5 data	Total
AT	7,988	154	10,049	41	n.a.	18,232
BE	22,397		30,538		n.a.	52,935
BG	1,971	183	1,305		n.a.	3,459
CH	8,835		11,559	41	n.a.	20,435
CY	11,327	6,736	77	19	n.a.	18,159
CZ	1,654	1	3,067		n.a.	4,722
DE	117,369	1,247	42,007	259	n.a.	160,882
DK	2,369		2,899		n.a.	5,268
EE	69		548		n.a.	617
ES	85,705	28,147	477	1	n.a.	114,330
FI	3,465	1	248	2	n.a.	3,716
FR	121,076	789	15,120	35	n.a.	137,020
GR	58,000	57,126	30,738		n.a.	145,864
HR	1,109	1,632	18		n.a.	2,759
HU	279	148	1,845	46	n.a.	2,318
IE	7,240	1			n.a.	7,241
IS	677	8	108		n.a.	793
IT	42,124	11,436	21,512		n.a.	75,072
LI	33				n.a.	33
LT	369	9	140		n.a.	518
LU	1,654	4	2,276		n.a.	3,934
LV	142	1	9		n.a.	152
MT	3,535	3,501	33		n.a.	7,069
NL	23,694	294	10,905	40	n.a.	34,933
NO	1,932	64	6,494		n.a.	8,490
PL	2,268	57	1,354	2	n.a.	3,681
PT	1,576		113		n.a.	1,689
RO	2,240	32	559	4	n.a.	2,835
SE	17,457	27	1,318		n.a.	18,802
SI	3,566	3	6,852		n.a.	10,421
SK	221	5	1,930		n.a.	2,156
UK	40,350	155	7,537		n.a.	48,042
Europol	n.a.	n.a.	n.a.	n.a.	0	0
Total	592,691	111,761	211,635	449	0	916,577

Member State	Category 4 CPS	Category 4 MPS	Total
AT	35	6	41
CY	3	16	19
DE	163	96	259
ES	0	1	1
FI	2	0	2
FR	35	0	35
HU	0	46	46
NL	0	40	40
PL	0	2	2
RO	4	0	4
Total	242	207	449

2. Category 1 hits against Category 1 data sets¹³ in 2019

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	UK	Local hits	Foreign hits	Total
AT	2,066	86	377	316	1	19	1,091	79	1	11	15	297	577	19	275	0	3	348	9	8	27	2	4	227	43	87	2	252	140	23	35	18	2,066	4,392	6,458
BE	615	8,349	507	710	22	29	3,314	230	4	1,432	85	2,309	2,247	129	354	6	22	1,337	6	23	179	17	50	1,099	124	195	34	111	488	203	40	83	8,349	15,704	24,053
BG	11	6	97	2	0	0	20	5	0	1	0	5	5	1	6	0	0	1	0	0	1	0	0	3	2	0	0	5	9	2	1	6	97	92	189
CH	330	146	79	950	0	23	1,567	101	0	72	33	542	1,030	61	123	8	18	721	9	16	82	7	8	576	71	48	12	28	244	115	8	23	950	6,101	7,051
CY	0	2	0	5	210	1	31	1	0	3	2	13	15	0	1	4	0	1	0	0	1	1	0	7	3	4	0	0	9	0	0	8	210	112	322
CZ	34	11	8	38	0	353	273	19	0	3	9	57	6	0	6	0	1	7	2	1	7	8	3	33	14	22	0	1	77	2	5	2	353	649	1,002
DE	2,674	1,878	1,337	2,929	34	294	0	1,160	17	795	669	6,136	11,093	345	1,875	15	67	12,982	23	163	363	48	350	3,557	609	1,336	124	870	3,244	386	66	301	0	55,740	55,740
DK	48	57	18	129	0	6	593	824	0	23	65	115	86	7	27	5	7	84	2	3	25	4	0	208	96	11	7	11	401	17	1	13	824	2,069	2,893
EE	2	1	0	2	0	2	5	0	4	0	5	1	7	0	0	0	0	0	0	0	1	1	0	2	3	0	0	0	8	0	0	0	4	40	44
ES	98	148	10	130	0	36	739	41	1	815	24	625	139	3	78	4	2	1,077	1	2	13	4	7	173	41	18	13	8	156	29	2	33	815	3,655	4,470
FI	31	34	16	48	4	1	417	78	2	5	2,418	106	294	3	49	0	12	105	0	1	17	1	5	62	54	8	2	5	232	1	0	10	2,418	1,603	4,021
FR	3,929	3,244	1,839	2,805	32	220	19,885	1,068	7	1,042	499	26,110	4,426	218	2,691	26	62	18,595	29	85	418	31	510	2,661	786	1,033	241	334	3,853	699	95	590	26,110	71,953	98,063
GR	202	120	133	69	13	4	633	42	1	8	70	111	2,769	1	171	7	6	73	1	2	10	0	1	71	65	11	1	20	152	5	0	65	2,769	2,068	4,837
HR	24	10	77	18	0	2	77	8	0	1	7	7	325	30	20	0	0	4	0	0	1	0	0	16	6	1	0	7	13	8	0	2	30	634	664
HU	10	3	75	2	0	0	9	0	0	0	0	0	9	0	24	0	0	3	0	0	0	0	0	0	1	0	0	6	2	0	0	2	24	122	146
IE	46	54	10	37	8	2	333	47	0	26	22	221	122	2	34	2,168	26	84	0	2	10	2	7	67	22	13	2	8	129	7	0	219	2,168	1,562	3,730
IS	21	15	2	25	0	0	88	23	0	0	13	36	98	0	23	4	55	65	4	0	5	0	7	48	28	1	5	2	46	0	0	9	55	568	623
IT	1,235	311	362	633	5	12	4,085	216	1	43	159	1,896	1,922	71	1,179	10	13	9,945	2	3	42	4	92	317	130	21	17	79	749	385	4	117	9,945	14,115	24,060
LI	10	2	1	15	0	0	13	0	0	1	0	1	1	0	0	0	1	5	5	0	5	0	0	4	0	0	1	0	4	0	0	0	5	64	69
LT	7	3	1	3	1	2	122	4	1	0	5	8	1	0	0	0	0	5	0	17	0	1	3	9	5	57	1	1	22	0	0	2	17	264	281
LU	37	49	4	93	0	1	293	24	0	24	9	155	141	7	17	1	1	150	1	0	63	0	19	135	21	4	5	5	71	7	1	3	63	1,278	1,341
LV	3	0	1	0	0	3	44	0	0	0	2	7	5	0	1	0	0	0	0	0	0	3	0	5	6	2	0	0	17	0	0	0	3	96	99
MT	21	3	21	33	0	0	156	9	0	5	6	139	141	1	7	0	2	579	1	0	0	0	94	21	16	2	1	3	37	3	0	2	94	1,209	1,303
NL	724	656	120	1,316	2	61	7,368	424	4	245	122	2,104	1,442	72	293	7	18	3,537	16	25	264	8	37	4,787	162	164	22	96	692	244	11	128	4,787	20,384	25,171
NO	24	27	12	23	3	3	127	74	1	6	17	33	196	0	7	0	2	64	1	0	3	0	2	25	148	16	1	5	158	9	0	9	148	848	996
PL	65	22	18	23	1	11	393	33	1	2	10	56	33	0	3	0	1	8	0	8	1	4	0	46	25	1,243	0	6	53	0	1	0	1,243	824	2,067
PT	30	19	5	58	1	0	321	17	0	21	17	156	8	0	10	0	2	513	0	1	9	0	34	42	19	0	13	3	47	1	0	4	13	1,338	1,351
RO	42	5	130	24	1	4	122	9	0	2	9	11	186	0	14	0	0	14	1	1	4	1	3	17	4	0	0	165	18	2	0	7	165	631	796
SE	127	130	61	184	14	15	1,023	580	4	80	174	253	802	5	114	5	22	411	4	13	31	20	27	272	292	44	4	41	3,347	18	4	45	3,347	4,819	8,166
SI	68	17	135	65	0	2	150	13	0	7	6	32	580	152	61	0	0	44	6	0	4	0	2	42	22	2	1	12	21	53	1	3	53	1,448	1,501
SK	26	2	7	6	0	1	36	0	0	0	0	0	13	0	0	0	0	1	0	0	0	0	0	5	0	0	0	5	2	3	40	0	40	107	147
UK	454	380	412	500	21	18	2,669	448	0	233	181	1,837	1,680	44	363	703	23	1,336	0	12	61	11	55	614	146	24	37	202	486	125	14	4,075	4,075	13,089	17,164
Total	13,014	15,790	5,875	11,191	373	1,125	45,997	5,577	49	4,606	4,653	43,379	30,399	1,171	7,826	2,973	366	52,099	123	386	1,647	178	1,320	15,151	2,964	4,367	546	2,291	14,927	2,347	329	5,779	71,240	227,578	298,818

¹³ Member States in the column on the left side have sent a certain amount of cases in 2019, which have produced hits against the Member States listed across the top. Local hits are produced when the two datasets generating the hit are from the same country. Number of local hits depends on Member State settings when performing a search on Eurodac. Member States may exclude own searches, which will result in local hits not being returned and not being recorded in the statistics.

3. Category 1 hits against Category 2 data sets¹⁴

Member State	AT	BG	CY	DE	ES	FR	GR	HR	HU	IE	IS	IT	LU	MT	NL	NO	PL	RO	SE	SK	UK	Local hits	Foreign hits	Total
AT	4	9	0	7	3	0	506	61	1	0	0	36	0	0	0	0	0	2	0	0	0	4	625	629
BE	2	5	2	7	373	8	1,587	111	1	0	0	315	0	28	2	0	1	3	0	1	1	0	2,447	2,447
BG	0	129	0	0	1	0	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	129	12	141
CH	1	2	0	3	115	2	869	44	0	0	0	223	0	3	0	0	0	2	0	0	0	0	1,264	1,264
CY	0	0	6,398	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,398	0	6,398
CZ	0	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
DE	2	32	7	0	1,272	53	7,108	327	3	0	0	1,630	0	298	5	0	4	18	1	0	1	0	10,761	10,761
DK	0	0	0	3	31	0	104	5	0	0	0	21	0	0	0	0	0	0	0	0	0	0	164	164
EE	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
ES	0	0	0	3	2,549	14	24	4	0	0	0	103	0	19	0	0	1	0	0	0	0	2,549	168	2,717
FI	1	0	2	2	2	0	265	1	0	0	0	7	0	5	0	0	0	0	0	0	0	0	285	285
FR	2	21	6	57	6,733	473	1,719	255	0	0	0	2,951	0	393	4	2	2	12	0	0	3	473	12,160	12,633
GR	0	3	2	1	0	0	36,333	3	0	0	0	1	0	0	0	0	3	0	0	0	0	36,333	13	36,346
HR	0	0	0	0	0	0	222	452	0	0	0	0	0	0	0	0	0	0	0	0	0	452	222	674
HU	0	0	0	0	0	0	13	4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	17	18
IE	3	0	2	8	3	0	60	1	0	1	0	17	0	7	4	0	0	0	0	0	10	1	115	116
IS	0	0	0	1	0	5	23	0	0	0	6	0	0	0	1	0	0	0	0	0	0	6	30	36
IT	0	6	0	13	59	3	415	113	0	0	0	3,835	0	70	0	0	0	1	0	0	0	3,835	680	4,515
LI	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
LT	0	0	0	0	0	0	1	0	0	0	0	4	0	3	0	0	0	0	0	0	0	0	8	8
LU	1	0	0	2	21	2	117	4	0	0	0	148	4	24	0	0	0	0	0	0	0	4	319	323
LV	0	0	0	2	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
MT	0	1	0	0	2	1	114	1	0	0	0	5	0	2,434	0	0	0	0	0	0	0	2,434	124	2,558
NL	1	0	2	22	266	5	1,786	51	0	0	0	400	0	37	13	0	0	6	0	1	3	13	2,580	2,593
NO	0	0	3	0	4	0	294	1	0	0	0	15	0	0	0	4	0	0	0	0	0	4	317	321
PL	0	0	0	0	0	0	22	0	0	0	0	1	0	0	0	0	3	0	0	0	0	3	23	26
PT	0	0	0	3	33	0	0	1	0	0	0	59	0	54	0	0	0	0	0	0	0	0	150	150
RO	0	11	1	0	0	0	196	19	3	0	0	7	0	3	0	0	0	14	0	0	0	14	240	254
SE	0	2	2	6	27	6	998	5	1	0	0	52	0	1	1	0	0	0	6	0	0	6	1,101	1,107
SI	0	3	0	0	3	0	342	197	1	0	0	9	0	5	0	0	0	0	0	0	0	0	560	560
SK	0	0	0	2	0	0	11	0	0	0	0	0	0	0	0	0	1	0	0	3	0	3	14	17
UK	1	16	4	31	122	47	1,213	65	6	8	1	2,135	0	75	3	0	2	8	1	0	61	61	3,738	3,799
Total	18	240	6,431	173	11,619	619	54,370	1,728	17	9	7	11,976	4	3,459	33	6	17	66	8	5	79	52,723	38,161	90,884

¹⁴ Member States in the column on the left side have sent a certain amount of cases in 2019, which have produced hits against the Member States listed across the top. Local hits are produced when the two datasets generating the hit are from the same country. Number of local hits depends on Member State settings when performing a search on Eurodac. Member States may exclude own searches, which will result in local hits not being returned and not recorded in the statistics.

4. Category 3 hits against Category 1 data sets¹⁵ in 2019

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	UK	Local hits	Foreign hits	Total	
AT	1,943	126	140	430	2	28	1,577	93	1	31	33	270	352	29	315	3	6	1,797	1	3	29	1	3	204	78	29	2	110	184	53	36	26	1,943	5,992	7,935	
BE	1,176	6,592	224	2,293	1	17	6,973	816	0	877	121	2,471	1,033	90	733	34	15	1,901	7	17	4,08	20	80	4,214	243	98	47	112	1,099	373	16	461	6,592	25,970	32,562	
BG	16	7	54	2	0	0	23	5	0	3	4	8	27	0	4	1	0	3	0	0	1	0	0	1	4	0	1	12	2	1	5	54	131	185		
CH	705	286	63	3,480	2	18	2,598	211	0	107	80	950	359	28	234	15	14	2,116	18	14	120	9	10	822	119	39	14	33	399	118	12	34	3,480	9,547	13,027	
CY	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	3
CZ	49	9	24	54	0	194	144	12	0	3	3	32	40	0	16	0	0	90	1	2	9	1	0	19	16	7	1	28	22	0	8	3	194	593	787	
DE	1,439	668	456	1,634	16	137	12,715	732	8	305	389	3,163	2,222	111	691	19	22	6,225	18	48	216	12	40	1,616	284	341	45	310	2,145	207	30	155	12,715	23,704	36,419	
DK	82	39	21	111	0	3	472	783	1	19	75	129	50	0	49	7	13	322	0	4	13	0	2	90	101	8	5	2	536	2	3	37	783	2,196	2,979	
EE	3	0	0	4	0	0	5	5	17	0	3	1	0	0	0	0	3	7	0	0	0	0	2	4	0	0	0	12	0	0	0	0	17	49	66	
ES	13	57	2	52	0	0	133	10	0	147	2	49	7	0	6	4	0	35	1	0	2	1	0	48	20	1	0	1	26	2	0	3	147	475	622	
FI	2	1	2	21	0	1	51	16	2	0	36	7	16	1	1	0	0	36	0	0	2	0	0	11	11	0	0	0	61	1	0	3	36	246	282	
FR	601	385	243	782	2	2	2,685	228	0	176	60	5,514	499	58	524	12	12	2,855	0	7	94	5	31	806	119	47	25	60	334	228	9	207	5,514	11,096	16,610	
GR	175	80	129	64	12	4	530	28	0	5	29	122	3,806	1	164	7	6	76	1	6	13	0	2	70	44	10	0	15	105	5	0	58	3,806	1,761	5,567	
HR	0	0	0	0	0	0	0	3	0	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	8	8
HU	54	12	61	26	1	3	131	5	0	5	2	18	80	0	116	1	1	20	0	7	2	0	0	18	5	1	0	126	42	0	1	7	116	629	745	
IS	2	11	0	5	0	0	9	7	0	0	3	9	5	0	0	1	13	4	0	0	0	0	0	5	5	0	3	0	4	0	0	1	13	74	87	
IT	936	224	439	905	1	10	3,857	171	0	33	137	1,634	1,816	87	600	12	13	5,084	2	7	61	4	31	519	107	14	16	51	487	456	7	64	5,084	12,701	17,785	
LT	1	0	0	10	0	0	5	2	2	0	0	4	0	0	1	0	0	0	0	12	0	0	0	0	1	1	0	0	7	2	0	0	12	36	48	
LU	114	197	7	308	0	3	838	93	0	38	35	472	166	17	44	1	1	351	5	1	308	1	25	449	45	10	7	10	166	22	1	17	308	3,444	3,752	
LV	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3	3	
MT	0	1	0	3	0	0	7	0	0	0	0	2	1	0	0	0	0	19	0	0	0	0	10	0	0	0	0	2	0	0	0	0	10	35	45	
NL	280	395	102	575	1	10	2,062	253	2	94	55	642	231	18	182	10	14	656	2	9	116	3	21	2,892	84	31	10	29	389	60	3	140	2,892	6,479	9,371	
NO	40	54	23	94	5	4	286	125	2	26	58	127	120	0	39	6	11	298	1	1	9	3	7	78	843	24	3	5	574	2	4	32	843	2,051	2,894	
PL	27	18	17	15	0	12	251	8	2	0	4	50	53	0	6	0	0	19	1	10	1	4	1	12	7	281	0	6	27	1	2	4	281	558	839	
PT	8	3	1	6	0	0	32	7	0	0	0	21	1	0	1	0	0	25	0	0	0	0	0	5	1	1	7	0	6	0	0	1	7	119	126	
RO	23	3	12	5	0	0	69	1	0	0	1	8	14	0	4	1	0	4	0	0	2	0	0	8	0	3	0	178	8	2	0	0	178	168	346	
SE	27	21	9	44	0	1	143	70	0	5	29	32	22	1	26	3	4	188	1	3	0	1	5	30	41	2	1	4	359	2	2	10	359	727	1,086	
SI	104	32	339	62	4	3	248	19	0	5	12	73	1,121	282	114	0	0	110	0	0	8	0	3	58	20	3	3	21	32	30	1	22	30	2,699	2,729	
SK	26	2	19	8	0	16	57	0	0	1	0	4	25	0	0	0	0	9	0	0	1	0	0	6	0	2	1	3	3	0	14	1	14	184	198	
UK	56	73	42	32	1	1	262	24	0	11	8	189	38	2	98	371	4	242	0	2	3	1	0	45	12	5	1	8	52	8	2	881	881	1,593	2,474	
Total	7,902	9,296	2,429	11,025	48	467	36,164	3,727	37	1,891	1,179	15,991	12,107	725	3,969	508	152	22,494	59	153	1,418	66	271	12,029	2,211	962	191	1,113	7,096	1,576	152	2,172	46,309	113,271	159,580	

¹⁵ Member States in the column on the left side have sent a certain amount of cases in 2019, which have produced hits against the Member States listed across the top. Local hits are produced when the two datasets generating the hit are from the same country. Number of local hits depends on the Member State settings when performing a search on Eurodac. Member States may exclude own searches, which will result in local hits not being returned and not recorded in the statistics.

5. Marked, unmarked, blocked and unblocked data sets in 2019

Member State	Number of marking as initiator	Number of marking following the initiator	Total
AT	4,946	1,500	6,446
BE		3,595	3,595
BG	216	1,461	1,677
CH	4,004	1,244	5,248
CY	169	103	272
CZ	29	34	63
DE	32,022	15,956	47,978
DK	983	766	1,749
EE	22		22
ES	4,008	607	4,615
FI	1,590	613	2,203
FR	24,585	4,683	29,268
GR	18,115	16,173	34,288
HR	41	343	384
HU		2,943	2,943
IE	1,266		1,266
IS		21	21
IT	82	4,788	4,870
LI	27		27
LT	37	8	45
LU	215	117	332
LV	36	10	46
MT	112	2	114
NL	1,526	1,535	3,061
NO	1,347	871	2,218
PL	144	483	627
PT		154	154
RO	330	208	538
SE	5,443	2,376	7,819
SI	68	212	280
SK	34	29	63
UK	9,742	2,049	11,791
Total	111,139	62,884	174,023

Table I

Member State	Number of unmarking as initiator	Number of unmarking following the initiator	Total
AT	473	46	519
BE		17	17
BG	81	17	98
CH	1,372	43	1,415
CZ		1	1
DE	376	221	597
DK	38	20	58
ES	3	3	6
FI	17	8	25
FR		54	54
GR	4	27	31
HU		68	68
IE	1		1
IT		29	29
LU		4	4
MT	1		1
NL		73	73
NO	26	4	30
PL	1	3	4
RO	17	3	20
SE	45	22	67
SI	2		2
SK	11	6	17
UK	13	14	27
Total	2,481	683	3,164

Table II

Member States	Blocked records for Law enforcement since 01/01/2019
AT	19,147
BE	16,474
BG	3,156
CY	445
CZ	128
DE	78,245
EE	36
ES	662
FI	1,536
FR	42,313
GR	5,589
HR	50
HU	3,326
IE	271
IT	4,005
LT	95
LU	166
LV	55
MT	299
NL	20,421
PL	1,064
PT	49
RO	1,149
SE	28,903
SI	131
SK	91
UK	15,714
Total	243,520

Table III

6. Rejected data sets in 2019

Member State	Data sets rejected
AT	127
BE	344
BG	19
CH	92
CY	521
CZ	28
DE	3,155
DK	38
EE	20
ES	9,153
FI	201
FR	6,624
GR	2,189
HR	103
HU	7
IE	237
IS	23
IT	1,353
LI	0
LT	15
LU	22
LV	11
MT	283
NL	652
NO	25
PL	65
PT	56
RO	21
SE	593
SI	10
SK	0
UK	2,208
Total	28,195

7. Category 1 hits against marked data sets in 2019¹⁶

Table I: Category 1 hits against marked Category 1 data sets

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	UK	Local hits	Foreign hits	Total
AT	90	4	2	14		2	46	2				9	40	1	4			5					10	1			2	1	1		90	144	234	
BE	22	165	23	25	13	3	216	27	3	117	3	86	864	6	10			42	1	7	4	2	84	4	1	27	44	5	2	2	165	1,643	1,808	
BG			2				1	1							1																2	3	5	
CH	6	13	2	30			49	4		5	2	14	119	1	8			6		2			18	5	2		3	14	1		4	30	278	308
CY					2		4	1																							2	6	8	
CZ	1		1	4		7	6				1	2	3							2			2					3		1	7	26	33	
DE	90	118	219	106	9	6	117	8	78	48	120	4,112	54	152			4	96	4	8	16	3	195	39	10	1	112	149	4	7	11	0	5,896	5,896
DK	6	2	1	5			28	29			1		11		6	1							8	7		2	1	18		2	29	99	128	
ES						2	9	1				9	2		2			3					1								1	0	32	32
FI	3			1			17	1		1	22		68				1	1			1		5	2				7			22	108	130	
FR	44	73	30	59	5	1	537	46	1	131	14	358	663	7	37	1	2	142	1	8	3	7	77	20	7	1	36	69	4	13	8	358	2,047	2,405
GR	7	5		3	2	2	64	1				3	17		11			1					2								17	101	118	
HR	1			1			5						6		1																0	17	17	
HU							1																								0	2	2	
IE	2	8	1				42	5		2	2	3	53		3			1					6	2			3	3			0	138	138	
IS	6	1	1	1			9	3			1	8	69		5								4	3		1	1	4		2	1	119	120	
IT	11	2	1	8		1	80	6				25	14		18								8	1							21	180	201	
LI			1	2			4			1								2					1								1	11	11	
LU	1	2		4			6	1		3	3	3	22					3					5	1				2			0	56	56	
MT	1	1	5				17					7	26		2			2					1	1			3	1			1	66	67	
NL	28	19	12	29			265	19		16	2	43	229	2	17		1	38		1	2	1	124	6	1	2	16	25	1	1	5	124	781	905
NO	2	2		2			17	5		2	3	4	29				1	4					2	7			1	9	1		7	84	91	
PL							4	1					1																		1	6	7	
PT	1	1	1	2			4				1	1	3		3								1	2							0	24	24	
RO				1			7						1																		3	9	12	
SE	9	7	5	11	5	2	79	22		5	6	3	136	1	3			10	8		1	1	16	14			7	88	2		3	88	356	444
SI		1		1			7						3		1								1	1							0	16	16	
SK							1																								0	1	1	
UK	10	38	5	22	5		254	47		17	7	43	187	1	13		2	63	1		2	1	12	6	2	2	19	24	4		62	62	1,007	1,069
Total	341	462	315	333	41	27	1,779	339	12	378	116	741	6,878	73	297	2	12	440	15	28	29	16	603	122	23	10	235	469	23	24	103	1,030	13,256	14,286

¹⁶ Member States in the column on the left side a certain amount of category 1 searches in 2019, which have produced hits against the marked datasets of Member States listed across the top. Local hits are produced when the two datasets generating the hit are from the same country.

Table II: Category 1 hits against marked Category 2 data sets

Member State	BG	CY	DE	ES	FR	GR	HU	IT	NL	RO	Local hits	Foreign hits	Total
AT						13		2				15	15
BE	1			2		246	1		1			251	251
CH						13						13	13
CY		1									1	0	1
CZ						1						1	1
DE	12					528		1				541	541
DK						5						5	5
FI						23						23	23
FR			1	2		110		1				114	114
GR						2					2	0	2
IE						11						11	11
IS						11						11	11
IT			1									1	1
LU						3						3	3
MT	1					4						5	5
NL						34						34	34
NO						6		1				7	7
RO						1						1	1
SE	1					27						28	28
SI						2						2	2
UK	1			1	1	64		2		2		71	71
Total	16	1	2	5	1	1,104	1	7	1	2	3	1,137	1,140

8. Category 3 hits against marked Category 1 data sets in 2019¹⁷

Member State	AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GR	HR	HU	IE	IS	IT	LT	LU	LV	NL	NO	PL	RO	SE	SI	SK	UK	Local hits	Foreign hits	Total	
AT	61	7	3	13		1	81	1			1	35	29	1	9			23				8	3		1	10	3	2		61	231	292	
BE	16	170	7	31			484	16		48	4	52	211		9			151	3	3	10	91	2	2	8	33	20	1	11	170	1,213	1,383	
BG		1	1				3						1																	1	5	6	
CH	7	6	3	130			78	1		3	1	29	13		7			6		1		19	3	3	2	5	2		2	130	191	321	
CZ	6		1	2		5	5														2								5	17	22		
DE	49	39	22	62		3	463	43		8	11	97	523	13	44			33	1	4		55	17	8	20	75			5	463	1,132	1,595	
DK	1	1	3	1			39	53		1		9	6		6	1		5				6	3			17			2	53	101	154	
ES		15		6			45	3		48	1	6	5					7				16	8			4			1	48	117	165	
FI							2				1		3									1				1				1	7	8	
FR	11	8	5	15			82	8		5		72	30		18			30				15	6		3	10	2		5	72	253	325	
GR	8	4		2	2	2	56	1				4	68		8			1				3	4			4			1	68	100	168	
HU		1		1			12					1	6		3							1	1		4	5			1	3	33	36	
IS								2					5									1								0	8	8	
IT	10	2	2	15		1	58	2				14	13		15			18				6				6	3			18	147	165	
LU	4	5		10			39	6		4	1	8	43		2			5			3		11	1		2	4	2		1	3	148	151
MT		2					3																								5	5	
NL	8	17	1	12			112	6		3	2	18	42		11			20	1	5		139	2	1	4	20			3	139	288	427	
NO	7	11	1	7			52	7	1	6	4	28	40		5		1	17			2	12	95			52			3	95	258	353	
PL				1			11						17													1				0	30	30	
PT							2																								2	2	
RO		1	2				1					4						1								4				4	9	13	
SE	1	3	1	6			13	3				7			1			4				5				1	6		2	6	47	53	
SI	6	5	6	1			16	2				3	11	4	2							3	1				1		1	1	61	62	
SK							1																					2		2	1	3	
UK	2	1	1	1			24	1		1	2	2	6		1	5		8				1	1			1	1		9	9	59	68	
Total	197	299	59	316	2	12	1,682	155	1	127	28	378	1,083	18	141	6	1	329	5	20	13	393	147	14	50	254	33	5	47	1,352	4,463	5,815	

¹⁷ Member States in the column on the left side have sent a certain amount of Category 3 searches in 2019, which have produced hits against marked datasets (marked Category 1) of the Member States listed across the top. Local hits are produced when the two datasets generating the hit are from the same country.

9. Category 4 hits against Category 1 and 2 data sets in 2019

Member State	AT ₁	BE ₁	BG ₁	CY ₁	DE ₁	ES ₁	FI ₁	FR ₁	GR ₁	HU ₁	IE ₁	IT ₁	LU ₁	MT ₁	NL ₁	PL ₁	SE ₁	SI ₁	Local hits	Foreign hits	Total	
AT	33	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	33	5	38
CY	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
DE	4	4	2	0	0	2	0	8	17	14	2	28	1	0	8	0	7	3	0	100	0	100
FI	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
FR	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	0	0	2	3	5	5
RO	4	0	0	0	3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	9	0	9
Total	41	4	2	1	5	2	2	14	17	14	2	30	1	1	8	1	7	3	38	117	155	

Member State	CY ₂	DE ₂	ES ₂	GR ₂	HR ₂	IT ₂	MT ₂	Local hits	Foreign hits	Total
AT	0	1	0	0	0	0	0	0	1	1
CY	2	0	0	0	0	0	0	2	0	2
DE	0	0	7	1	1	1	0	0	10	10
FI	0	0	0	0	0	0	0	0	0	0
FR	0	0	0	0	0	0	0	0	0	0
RO	0	0	0	0	0	0	1	0	1	1
Total	2	1	7	1	1	1	1	2	12	14



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