Eurodac – 2020 statistics

March 2021

This document has been produced in application of Article 8(2) of Regulation (EU) No 603/2013 with the purpose of publishing the 2020 annual statistics on Eurodac.

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Contents

Eurodac 2020 at a glance

Data Transmitted	Cat 1	Cat 2
644,926	401,590	82,285

	Cat 3	Cat 4-5
	160,843	208

Hits Cat 1/1	Hits Cat 1/2	Hits Cat 3/1
232,133	68,775	122,576

Eurodac

Introduction

In 2020, as in many other areas, the COVID-19 pandemic had an effect on the overall usage of Eurodac, which fell by around 30% compared to 2019. This was as a result of the reduction in border checks and the travel restrictions imposed all over Europe.

In September 2020, the European Commission presented the new Pact on Migration and Asylum, a major policy development which will pave the way for a profound evolution of Eurodac in the near future. The amended proposal for a Regulation on the establishment of Eurodac[1] was one of the legislative proposals presented in the new Pact. The new Pact preserved the compromises reached on certain legislative proposals that were part of the 2016 reform of the Common European Asylum System, and added new elements to ensure the balance needed in a framework that brings together all aspects of asylum and migration policy. As soon as the proposal for a Regulation on the establishment of Eurodac is adopted, eu-LISA will work in cooperation with Member States to implement the changes in the Eurodac Central System.

In 2020, an important work stream was the preparation, including tests and data deletion, of the disconnection of the United Kingdom from Eurodac. As per the legal requirement, this was carried out on 1 January 2021. The United Kingdom was still a Eurodac user in 2020, as reflected in the statistics in this report. The disconnection and related activities will impact the usage of Eurodac in 2021, in particular in the amount of fingerprint datasets stored and the amount of data sets transmitted in the year.

This report presents statistical data on the work of the Eurodac Central System from 1 January until 31 December 2020, including a breakdown of data by Member State (MS)[2] in accordance with Article 8(2) of Regulation (EU) No 603/2013[3] of the European Parliament and of the Council (the 'Eurodac Regulation').

All data have been prepared by eu-LISA and extracted from the Eurodac Central System. Statistics on the work of Eurodac Central System since 2015 are available on the eu-LISA website[4]. In addition to the annual statistics, eu-LISA publishes annual reports on the activities of the Eurodac Central System, including its technical functioning and security. The annual report for 2020 provides insights into the main developments of the system as well as an overview of annual statistics in comparison to previous years.

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[1] COM(2020) 614 final

[2] 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 2020. Member States of the EU connected to Eurodac on 31 December 2020 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.

[3] 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, pp. 1–30

[4] https://www.eulisa.europa.eu/our-publications/reports

1. Transmitted data sets

Data sets in Eurodac represent sets of fingerprints transmitted to the Eurodac Central System for storage and/or for search purposes. Depending on the purpose of the data sets transmitted (on the type of category), they are stored and/or used to search against other sets already present in the Eurodac data base. Member States successfully transmitted a total of **644,926 sets of fingerprints** to the Eurodac Central System during 2020.

A breakdown of data transmitted by category is reflected in Graph 1, and statistics on data sets per category transmitted by each Member State is available in Annex – 1.

Graph 1: Data breakdown per the main category transmitted to Eurodac in 2020 by all Member States

Source: eu-LISA.
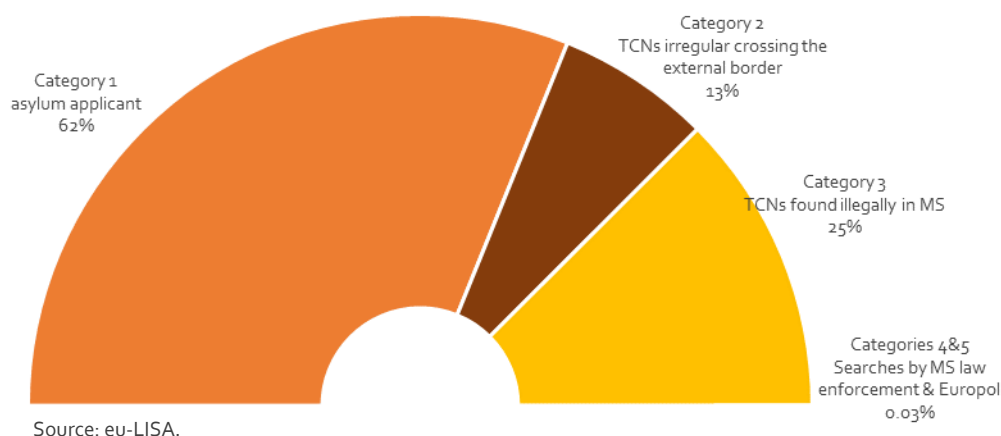
The five main categories in Eurodac are as follows:

- **Eurodac Category 1 (asylum applicant)** represents fingerprint data sets of applicants for international protection, aged 14 or older, who make an application in one of the Member States, as per Article 9(1) of the Eurodac Regulation. The data is transmitted for search and for storage for 10 years.
- **Eurodac Category 2 (irregular crossing by a third-country national (TCN) of an external border)** refers to sets of fingerprints of a TCN or a stateless person, aged 14 or older, apprehended when irregularly crossing the external border of a Member State from a third country and not turned back, as per Article 14(1) of the Eurodac Regulation. The data is transmitted to Eurodac for storage for a period of 18 months.
- **Eurodac Category 3 (TCNs found illegally in MS)** refers to sets of fingerprints of a TCN or a stateless person, aged 14 or older, who is found illegally staying within a Member State's territory, as per Article 17(1) of the Eurodac Regulation. The data is transmitted for search only. This transmission is not mandatory.
- **Eurodac Categories 4 and 5 (searches by MS law enforcement/Europol)** are sets of fingerprints sent by Member States' designated law enforcement 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) of the Eurodac Regulation. The data is transmitted for search only.

Law enforcement searches in Categories 4 and 5 are performed by Member States' designated law enforcement authorities and Europol[5] 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.

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[5] 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.

Compared to 2019, the total transactions sent to Eurodac in 2020 **fell by 30%:** asylum seeker transactions fell by 32%, irregular crossing of external border transactions by 26%, and checks within the territory of Member States by 24%. Graph 2 shows the traffic of the main categories in the last 7 years. Whereas the shares of the main categories have been quite stable in the last 3 years, there was a clear peak in Category 1 (asylum seekers) and Category 2 (irregular crossings) in 2015 and 2016.

Graph 2[6]: Traffic in the Eurodac Central System per categories per year, 2014-2020
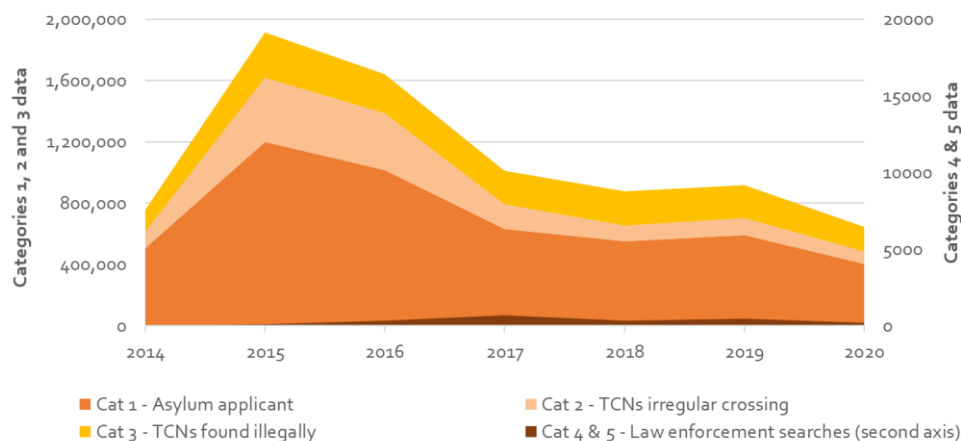
Source: eu-LISA.

After the record usage in 2015 reaching almost 2 million transactions, yearly Eurodac traffic has continued to fall since then, except for a small increase in 2019. Since 2018, the overall traffic has been below one million transactions, similar to the period prior to 2015 (see Graph 3).

Graph 3: Total traffic in the Eurodac Central System per year, 2014-2020
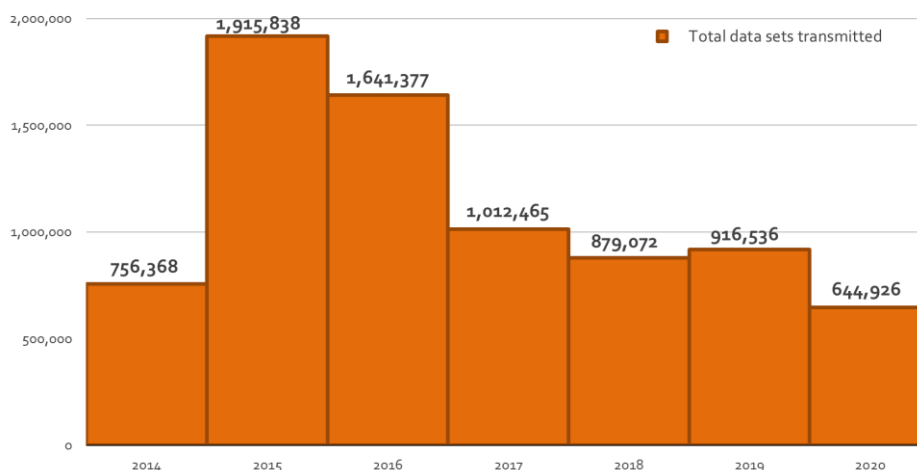
Source: eu-LISA.

The shares of Member States in terms of transactions is quite similar to the last couple of years. In Graphs 4 and 5, a visual representation of Category 1 and Category 2 transactions sent to Eurodac Central System per Member State is available.

For Category 1 transactions for asylum applicants, the biggest shares came from Germany at 19%, France at 18% and Spain at 17%, whereas for Category 2 transactions for irregular crossings at external borders, Italy registered 40% of the total transactions, followed by Spain with 31% and Greece with 16%. Combining both transaction types, Spain sent the biggest share, with 20% of the total.

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[6] Data for Categories 1, 2 and 3 are shown on the left axis, whereas data for Categories 4 and 5 are shown on the right axis. Please note that each axis has a different scale. Categories 4 and 5 are possible since July 2015.

Graph 4: Category 1 transactions for asylum applicant per Member State in 2020

Source: eu-LISA.
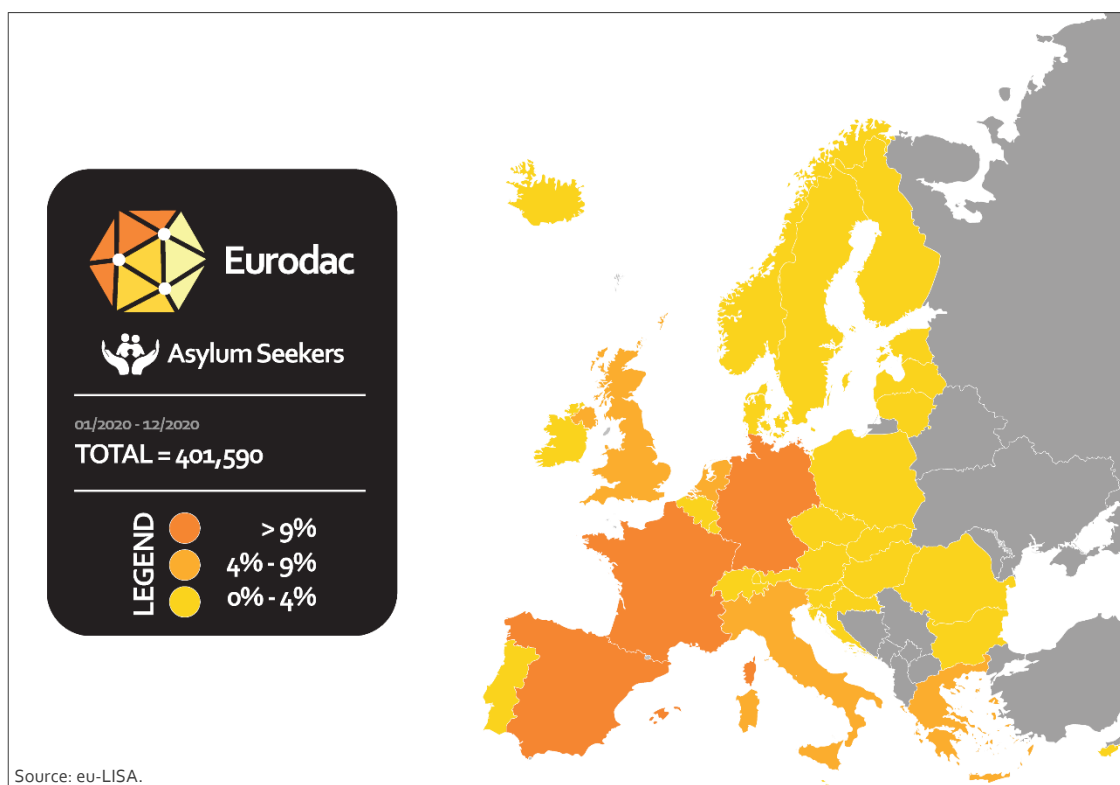
Graph 5: Category 2 transactions for irregular crossing at external border per Member State in 2020

Source: eu-LISA.
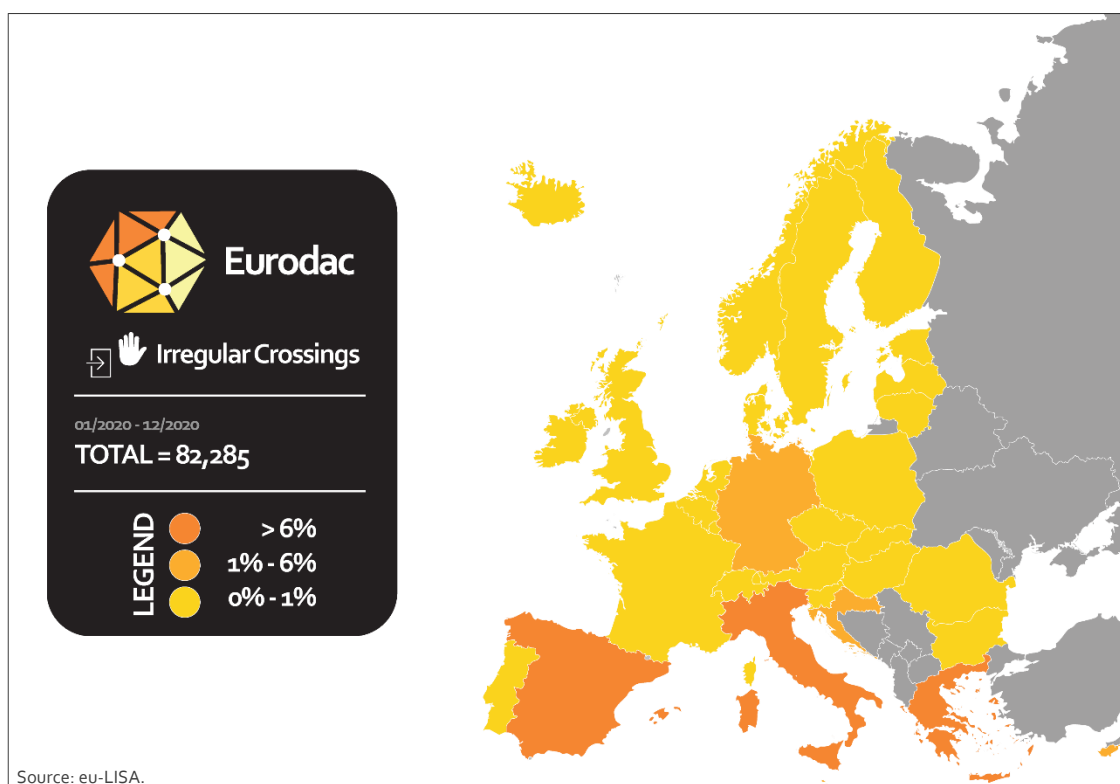
2. Category 1 hits against Category 1 data sets

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) of the Eurodac Regulation. If the search results in one or more hits, means that the fingerprints of that applicant are already stored in Eurodac as Category 1 data set, showing that the applicant has previously made 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.[7]

In total, **232,133 Category 1 hits against Category 1** were registered in 2020. 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 6).

Graph 6: Foreign Category 1 hits against Category 1 data sets per year (indicating asylum applications submitted in more than one MS), 2016-2020
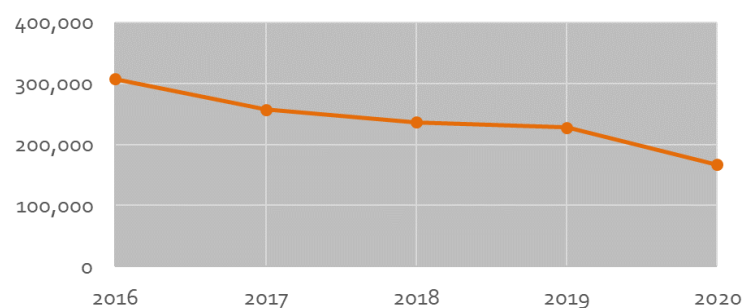
Source eu-LISA.

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) of the Eurodac Regulation. A search that results in one or more hits means that the fingerprints of that applicant are already stored in Eurodac as Category 2. Therefore, that applicant had previously been apprehended while irregularly crossing the external borders in the last 18 months.

These types 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 person was apprehended for irregularly crossing the external border in the same Member State[8] where the person is applying for international protection. On the other hand, if the search results in a foreign hit, the person was apprehended by a different Member State from the one where they applied for international protection.

A total of **68,775 Category 1 hits against Category 2** were registered in 2020. A breakdown of hits per Member State is available in the Annex – 3. The number of foreign Category 1 hits against Category 2 has been declining annually since 2016 (see Graph 7).

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[7] 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.
[8] 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 7: Foreign Category 1 hits against Category 2 data sets per year, 2016-2020
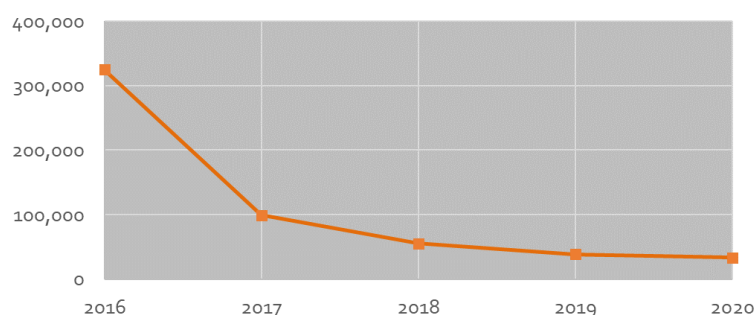
Source eu-LISA.

4. 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. Hits from 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 from the one where the application was made.[9]

A total of **122,576 Category 3 hits against Category 1** were registered in 2020. A breakdown of hits per Member State is available in Annex – 4. The number of foreign Category 3 hits against Category 1 has been declining annually since 2017 (see Graph 8).

Graph 8: Foreign Category 3 hits against Category 1 data sets per year, 2016-2020
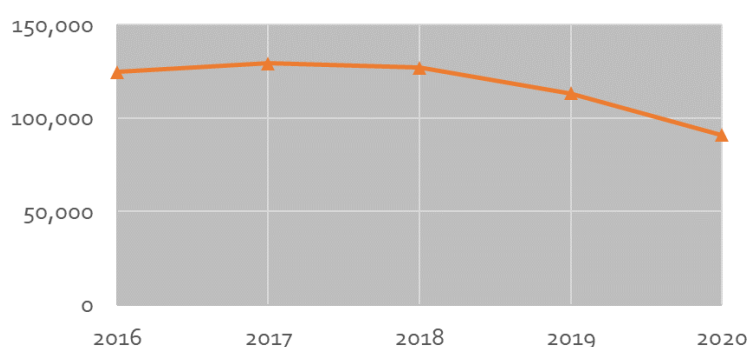
Source eu-LISA.

5. Marked, unmarked, blocked and unblocked data sets[10]

As soon as the international protection status is granted, the relevant Category 1 data set is marked in accordance with provisions in Article 18(1) of the Eurodac Regulation. If there is a hit, the marking makes Member States 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

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[9] 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.
[10] It is not technically possible to retrieve the number of unblocked datasets.

marked data set are also marked (marked following the initiator).

In 2020, **93,576 Category 1 data sets** were **marked** (international protection granted) as per Article 18(1) of the Eurodac Regulation following the granting of international protection status to those applicants. Subsequent to this first marking, 57,439 linked Category 1 and/or Category 2 data sets were also marked by the relevant Member States (marking following the initiator). A breakdown of marked data sets per Member State is available in Table I of Annex – 5.

As per Article 18(3) of the Eurodac Regulation, **3,427 Category 1 data sets** marked were **unmarked** (international protection revoked or ended) as soon as the status of international protection was either revoked or ended, or the renewal was refused. The unmarking by the initiator produced the subsequent unmarking of 876 Category 1 and/or Category 2 data sets. A breakdown of unmarked data sets per Member State is available in Table II of Annex – 5.

Once the status of international protection granted is older than 3 years, the data set will be blocked and will no longer be available for law enforcement searches, as per the provision in Article 18(2) of the Eurodac Regulation.

Since 1 January 2020, **390,625 data sets have been blocked** as per Article 18(2)[11]. The breakdown per Member State of data not available for law enforcement due to international protection status granted prior to 1 January 2017[12] is available in Table III of Annex – 5.

Graph 9: Blocked data sets per year, 2016-2020
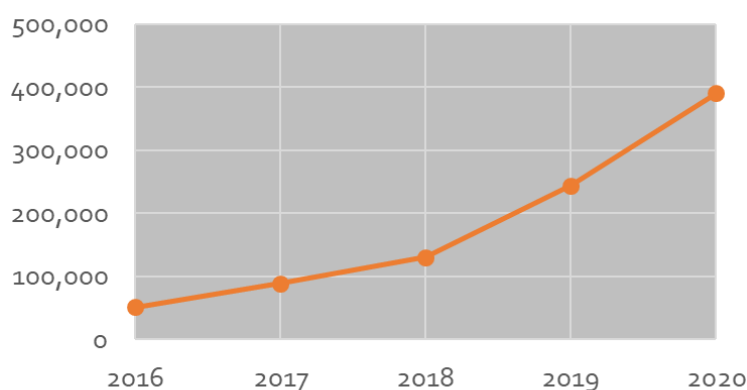
Source eu-LISA.

This functionality has been available since July 2015 as a result of the last Eurodac recast. Since then, the number of data sets blocked is increasing every year (see Graph 9), as more data sets with status of international protection granted 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. Fingerprints that are poor quality, for example, due to errors, poor quality and/or sequence, are rejected by the Central System and thus are not used for comparison.

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[11] 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.

[12] 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 this only includes data sets from countries implementing the law enforcement element of Eurodac Regulation.

In 2020, **22,410 data sets** were **rejected** by the Eurodac Central System due to poor quality. A 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 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 they can generate hits.

The hits generated against marked Category 1 records give an indication of secondary movements of persons who were granted international protection[13] and subsequently re-apply for international protection in the same or another Member State.

In 2020, **19,148 Category 1 hits against marked Category 1** data sets were registered, and a further 1,337 Category 1 hits against marked Category 2 data sets. A 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 were subsequently found illegally staying within the territory of a Member State.

In 2020, a total of **6,572 Category 3 hits against marked Category 1** data sets were registered. A 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 been able to perform Category 4 searches in Eurodac under certain strict conditions. The searches are performed against Category 1 data sets, i.e. sets of fingerprints of applicants for international protection which are not blocked, and against Category 2 data sets of a person apprehended when irregularly crossing the external border.

These hits give an indication on persons searched by law enforcement who previously were recorded in Eurodac, either because they applied for international protection[14] 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 2020, there were **74 Category 4 hits against Category 1** data sets registered, and **six Category 4 hits against Category 2 data sets**. A breakdown per Member State is available in Annex – 9.

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[13] 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 international protection status).
[14] Protection status not granted, as the data sets are not blocked.

Annexes

1.   Transmitted data sets in 2020[15]

Member State	Category 1 data	Category 2 data	Category 3 data	Category 4 data	Category 5 data	Total
AT	10,671	70	9,320	31	n/a	20,092
BE	13,522		31,705	6	n/a	45,233
BG	3,203	186	1,390	11	n/a	4,790
CH	7,037	1	9,617		n/a	16,655
CY	6,267	4,198	35	1	n/a	10,501
CZ	1,035		3,122		n/a	4,157
DE	75,036	808	32,297	55	n/a	108,196
DK	1,485		1,907		n/a	3,392
EE	34		715		n/a	749
ES	69,517	25,319	303	16	n/a	95,155
FI	2,552	1	100		n/a	2,653
FR	73,828	394	10,940	12	n/a	85,174
GR	30,855	13,219	16,529	1	n/a	60,604
HR	1,177	1,683	22		n/a	2,882
HU	96	128	3,227	1	n/a	3,452
IE	2,208				n/a	2,208
IS	517	2	19		n/a	538
IT	25,722	33,147	15,538		n/a	74,407
LI	23				n/a	23
LT	201	2	70		n/a	273
LU	977		1,424		n/a	2,401
LV	121	1	2		n/a	124
MT	2,229	2,220	30		n/a	4,479
NL	15,523	353	8,058	52	n/a	23,986
NO	1,229	29	2,909		n/a	4,167
PL	1,763	97	914		n/a	2,774
PT	881	67	187		n/a	1,135
RO	5,821	248	1,320	19	n/a	7,408
SE	10,550	13	741	1	n/a	11,305
SI	3,205	3	4,525		n/a	7,733
SK	278	24	1,147		n/a	1,449
UK	34,027	72	2,730		n/a	36,829
Europol	n/a	n/a	n/a	n/a	2	2
Total	401,590	82,285	160,843	206	2	644,926

Member State	Category 4 CPS	Category 4 MPS	Total
AT	26	5	31
BE	6		6
BG		11	11
CY	1		1
DE	35	20	55
ES	14	2	16
FR	7	5	12
GR		1	1
HU	1		1
NL	5	47	52
RO	19		19
SE	1		1
Total	115	91	206

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[15] Both Category 5 searches from Europol were MPS.

2. Category 1 hits against Category 1 data sets[16] in 2020

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	1,617	69	298	243	5	20	782	87	1	21	14	272	1,011	25	294	0	3	244	6	4	17	2	8	191	33	40	1	847	106	26	48	21	1,617	4,739	6,356
BE	487	6,400	297	315	8	12	1,901	105	0	365	33	1,541	1,119	86	205	7	11	836	2	3	58	8	42	649	56	87	20	294	251	119	13	59	6,400	8,989	15,389
BG	12	14	61	16	1	1	41	12	1	1	6	4	79	1	14	0	0	8	0	0	2	1	1	7	9	1	0	5	25	2	0	4	61	268	329
CH	395	179	70	804	0	9	1,271	122	0	72	26	475	1,090	115	127	1	6	405	6	5	66	4	14	567	58	28	15	119	192	119	8	20	804	5,584	6,388
CY	2	0	1	3	204	0	7	0	0	1	1	1	4	0	1	0	0	3	0	0	0	0	0	2	2	0	0	0	1	1	0	1	204	31	235
CZ	16	6	2	20	0	363	133	8	1	3	0	31	1	1	1	0	4	4	0	1	2	1	1	26	4	4	0	1	26	1	1	3	363	302	665
DE	2,170	1,807	930	1,654	35	160	9,706	718	16	705	361	4,057	11,049	657	1,113	15	56	4,748	3	144	171	51	233	2,806	327	857	65	1,521	2,685	439	71	150	9,706	39,774	49,480
DK	44	51	8	107	3	3	404	366	0	22	21	84	72	7	12	2	4	88	1	0	5	0	4	161	48	10	0	12	291	14	2	8	366	1,488	1,854
EE	7	2	0	2	0	0	4	0	2	0	2	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	2	22	24
ES	87	86	14	90	0	24	490	26	0	899	10	345	175	13	63	0	3	1,459	0	6	10	2	11	126	18	3	11	9	97	41	0	14	899	3,233	4,132
FI	16	19	7	25	23	4	277	53	0	8	2,701	83	179	0	49	0	3	113	0	0	6	0	14	29	31	6	3	5	161	2	0	12	2,701	1,128	3,829
FR	2,796	2,758	1,086	1,811	53	115	12,690	487	4	895	263	20,744	4,028	187	1,617	20	45	10,503	14	78	214	24	532	1,750	363	540	171	642	2,385	658	67	430	20,744	47,226	67,970
GR	72	31	63	37	0	1	387	15	0	9	26	63	2,667	6	56	1	5	37	0	2	4	0	0	40	19	4	0	13	84	2	1	20	2,667	998	3,665
HR	21	2	7	4	0	0	42	1	1	0	5	3	642	51	0	0	0	2	0	0	0	0	0	2	3	0	0	4	2	9	0	5	51	785	836
HU	4	1	9	0	0	0	2	0	0	0	0	0	5	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	27	22	49
IE	40	127	7	27	3	0	243	38	0	10	27	57	374	4	17	331	1	108	0	1	2	0	19	43	21	4	4	31	142	6	2	104	331	1,462	1,793
IS	15	57	2	7	1	0	53	7	0	4	12	12	194	0	62	1	24	27	0	1	1	0	2	22	5	0	2	2	36	1	2	4	24	532	556
IT	761	200	227	384	3	8	2,723	109	0	42	87	1,343	1,214	100	595	6	8	5,826	0	2	20	1	44	217	66	11	7	80	415	302	7	59	5,826	9,041	14,867
LI	7	1	1	10	0	0	8	0	0	0	0	3	0	0	3	0	2	4	6	0	4	0	0	3	0	0	1	0	2	0	0	0	6	49	55
LT	12	6	0	4	0	0	31	1	0	0	1	1	1	0	1	0	1	0	1	22	0	1	0	10	0	14	0	0	7	0	0	0	22	92	114
LU	26	74	0	81	0	0	183	20	0	5	7	81	123	6	9	0	1	63	3	0	55	0	9	117	10	0	0	4	34	8	0	5	55	869	924
LV	2	0	0	0	0	0	17	1	2	0	4	2	6	0	1	0	0	0	0	0	2	8	0	0	2	2	0	0	4	0	0	0	8	45	53
MT	10	1	5	10	0	0	52	2	0	0	14	54	1	1	0	1	1	171	0	0	0	0	45	9	2	0	0	3	9	5	0	2	45	352	397
NL	477	619	104	954	11	33	3,882	322	0	227	82	1,146	1,041	68	165	4	28	2,031	11	12	158	6	59	4,051	116	81	27	172	528	169	12	58	4,051	12,603	16,654
NO	26	10	5	23	2	0	94	54	0	5	8	12	70	3	3	1	1	37	0	2	5	0	1	29	86	1	1	5	113	5	0	4	86	520	606
PL	57	29	7	11	0	7	311	23	1	1	2	54	49	0	4	0	0	6	0	12	3	1	0	37	9	1,452	0	23	49	0	0	1	1,452	697	2,149
PT	13	21	0	41	0	1	194	8	0	11	4	99	80	0	6	0	2	347	0	0	4	0	12	52	9	0	13	0	15	2	0	1	13	922	935
RO	58	5	438	17	1	2	114	9	1	8	7	12	597	4	28	1	0	9	0	0	1	0	4	23	12	5	0	427	27	1	2	16	427	1,402	1,829
SE	88	101	33	143	7	5	653	400	2	50	139	167	448	13	60	3	13	249	2	10	10	14	22	183	183	31	12	38	2,666	10	5	20	2,666	3,114	5,780
SI	24	4	41	18	0	3	54	8	0	2	1	28	399	209	24	0	0	31	0	0	0	0	1	7	4	2	0	24	8	14	0	1	14	893	907
SK	18	3	4	3	0	3	14	1	0	0	0	1	16	0	3	2	0	3	0	0	0	0	0	1	0	1	2	17	2	0	30	1	30	93	123
UK	717	800	390	571	28	17	4,329	499	1	286	265	2,938	2,464	147	337	948	34	1,936	1	8	73	5	514	746	167	42	49	347	822	112	6	3,591	3,591	19,599	23,190
Total	10,097	13,483	4,117	7,435	388	789	41,092	3,502	33	3,652	4,115	33,673	29,252	1,704	4,928	1,343	256	29,298	56	316	891	129	1,592	11,907	1,663	3,227	404	4,645	11,187	2,068	277	4,614	65,259	166,874	232,133

[16] Member States in the column on the left-hand side have sent a certain number of cases 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. The number of local hits depends on Member State settings for 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 sets [17]

Member State	AT	BG	CY	CZ	DE	ES	FR	GR	HR	HU	IS	IT	MT	NL	NO	PL	PT	RO	SE	SK	UK	Local hits	Foreign hits	Total
AT	7	9	0	0	3	14	1	1,333	61	12	0	71	4	0	0	1	0	23	0	2	0	7	1,534	1,541
BE	0	3	2	0	4	155	8	692	59	1	0	376	42	0	0	0	0	4	0	0	0	3	1,343	1,346
BG	0	114	0	0	0	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0		191	191
CH	0	0	0	0	2	222	1	952	105	0	0	346	9	0	0	0	0	2	0	0	0		1,639	1,639
CY	0	0	3,775	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,775	0	3,775
CZ	1	0	0	0	0	0	0	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0	7	7
DE	0	26	5	0	111	1,030	30	5,878	521	8	2	1,814	163	8	1	2	0	40	0	3	0	111	9,531	9,642
DK	0	0	1	0	3	14	1	67	4	0	0	24	0	0	0	0	0	3	2	0	0		119	119
ES	0	0	0	0	0	1,763	9	10	3	0	0	69	5	1	0	0	0	0	0	0	0	1,763	97	1,860
FI	1	0	17	0	0	0	0	168	4	0	0	12	8	0	1	0	0	0	0	0	0		211	211
FR	0	3	13	0	19	3,302	225	1,618	217	4	0	2,537	332	5	0	3	0	12	0	8	0	225	8,073	8,298
GR	0	0	0	0	0	3	0	18,805	3	0	0	1	0	0	0	0	0	0	0	0	0	18,805	7	18,812
HR	0	1	0	0	0	0	0	440	733	0	0	0	1	0	0	2	0	0	0	0	0	733	444	1,177
HU	0	0	0	0	0	0	0	6	2	2	0	0	0	0	0	0	0	0	0	0	0	2	8	10
IE	0	0	1	0	0	6	0	41	2	0	0	34	0	2	0	0	0	1	0	0	0		87	87
IS	0	0	0	0	0	0	0	39	0	0	0	0	0	1	0	0	0	0	0	0	0	0	40	40
IT	1	1	2	0	0	59	0	241	106	0	1	7,986	29	1	0	0	0	1	0	0	0	7,986	442	8,428
LI	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0		1	1
LT	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		1	1
LU	0	0	0	0	1	9	0	121	4	0	0	52	10	0	0	0	0	1	0	0	0		198	198
LV	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0		4	4
MT	0	0	0	0	0	0	0	44	0	0	0	2	1,831	0	0	0	0	0	0	0	0	1,831	46	1,877
NL	2	0	1	0	9	331	7	1,577	68	6	0	526	59	26	0	1	0	11	0	1	0	26	2,599	2,625
NO	0	0	2	0	1	2	0	159	3	0	0	8	0	0	1	0	0	0	0	0	0	1	175	176
PL	0	0	0	0	0	0	0	28	0	0	0	0	1	0	30	0	0	0	0	0	0	30	29	59
PT	0	0	0	0	0	25	0	63	0	0	0	30	7	0	0	36	0	0	0	0	0	36	125	161
RO	0	5	0	0	0	2	0	622	45	4	0	2	4	0	0	0	0	103	0	0	0	103	684	787
SE	0	3	1	0	3	10	0	490	10	0	0	31	3	1	0	1	0	2	3	0	0	3	555	558
SI	0	1	0	0	0	2	0	300	235	1	0	0	0	0	0	0	0	0	0	0	0		539	539
SK	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	2	0	4	0	4	22	26
UK	1	18	9	1	16	94	23	1,524	157	9	0	2,111	577	14	0	1	0	8	0	0	17	17	4,563	4,580
Total	13	184	3,829	1	172	7,043	305	35,323	2,344	47	3	16,034	3,085	59	3	41	36	213	5	18	17	35,461	33,314	68,775

[17] Member States in the column on the left-hand side have sent a certain number of cases 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. The number of local hits depends on Member State settings for 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 sets[18] in 2020

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	1,403	92	139	359	6	26	1,185	81	1	25	21	297	482	28	258	3	3	1,176	4	7	29	3	11	227	46	22	1	278	145	43	36	27	1,403	5,061	6,464
BE	1,298	7,081	163	2,359	2	22	6,729	912	1	790	133	2,552	1,115	196	684	18	11	1,937	3	22	429	25	132	5,039	225	72	54	141	1,112	653	18	286	7,081	27,133	34,214
BG	8	12	27	11	0	0	32	8	0	0	1	6	51	0	9	0	1	6	0	0	2	0	1	9	4	0	0	1	13	0	0	2	27	177	204
CH	689	205	48	2,923	0	9	2,446	293	0	128	31	935	319	68	212	8	20	1,405	10	8	129	6	2	1,106	87	18	17	108	356	149	13	49	2,923	8,874	11,797
CZ	24	10	21	17	0	166	128	4	0	0	1	28	44	0	9	1	1	21	1	0	11	0	1	24	5	10	1	115	14	1	3	0	166	495	661
DE	1,236	704	293	1,091	18	71	7,298	446	3	329	240	2,226	2,341	179	462	10	14	2,609	5	39	120	19	45	1,512	193	217	21	832	1,676	224	45	104	7,298	17,324	24,622
DK	48	26	14	60	3	1	299	509	0	11	25	82	34	4	31	1	8	174	2	2	12	1	6	59	46	4	3	4	334	7	2	14	509	1,317	1,826
EE	3	0	0	2	0	0	8	3	5	0	14	3	1	0	0	0	0	7	0	0	0	0	0	2	1	1	0	0	8	0	0	0	5	53	58
ES	5	8	0	7	0	0	60	10	0	133	4	25	11	0	3	0	0	34	1	0	2	0	1	10	1	0	1	0	10	1	0	5	133	199	332
FI	4	0	0	6	0	0	17	5	0	0	17	5	8	0	1	0	0	19	0	0	0	0	0	6	3	0	0	1	16	0	0	0	17	91	108
FR	419	271	134	519	2	11	2,029	150	1	182	47	3,537	405	52	285	3	1	1,712	1	2	66	1	113	699	56	33	14	72	213	220	8	156	3,537	7,877	11,414
GR	49	26	64	35	0	1	299	11	0	5	19	48	2,370	6	49	1	10	32	0	2	6	0	0	31	12	5	0	12	61	3	1	15	2,370	803	3,173
HR	0	0	1	2	0	0	2	0	0	0	0	0	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	15	19
HU	52	11	84	20	1	8	113	2	0	6	5	41	202	1	85	0	3	20	0	0	0	0	0	23	2	1	0	355	19	0	0	14	85	983	1,068
IS	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	10	10
IT	727	151	282	443	3	10	1,982	109	0	42	46	882	1,616	231	400	11	7	2,568	3	3	35	2	30	332	65	9	8	113	265	396	10	49	2,568	8,262	10,830
LT	2	0	0	0	0	0	4	1	1	0	1	0	2	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	1	0	0	0	6	12	18
LU	94	136	8	252	0	2	597	85	0	20	21	253	107	7	34	3	5	205	6	0	198	0	10	376	39	7	4	15	128	14	4	18	198	2,450	2,648
MT	1	0	1	1	0	0	7	0	0	0	0	3	0	0	0	0	0	11	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15	25	40
NL	191	316	59	368	3	15	1,451	165	5	87	29	529	253	14	95	12	8	449	5	5	63	6	21	1,864	53	19	7	24	230	51	1	106	1,864	4,640	6,504
NO	44	30	11	35	5	1	183	78	0	10	17	72	77	2	34	1	9	166	0	2	3	4	4	47	333	6	2	5	263	5	0	22	333	1,138	1,471
PL	24	17	14	10	1	10	142	10	1	2	3	39	58	0	8	0	0	9	0	4	1	1	0	29	9	150	0	51	23	2	0	2	150	470	620
PT	6	0	0	9	0	0	46	0	0	1	1	13	1	0	1	0	0	33	0	0	1	0	0	6	2	0	8	2	1	0	0	0	8	123	131
RO	26	3	8	1	1	0	38	2	1	0	6	1	134	2	7	0	0	0	0	0	0	0	0	4	4	0	0	336	11	0	0	0	336	249	585
SE	24	17	2	25	2	0	77	42	0	3	23	19	16	1	5	0	1	97	1	0	4	0	3	12	15	3	4	4	214	1	0	1	214	402	616
SI	58	16	92	41	0	1	127	12	1	5	7	55	748	356	55	0	0	68	1	1	2	0	0	30	8	2	0	29	34	36	1	2	36	1,752	1,788
SK	19	1	21	6	0	3	28	2	0	0	0	5	51	0	9	3	0	8	1	0	0	0	0	1	1	1	2	144	4	0	14	1	14	311	325
UK	17	29	12	23	2	0	168	10	1	4	4	99	37	1	26	157	1	87	0	0	3	1	5	33	1	2	2	3	30	3	0	269	269	761	1,030
Total	6,471	9,162	1,498	8,625	49	357	25,495	2,951	21	1,785	716	11,755	10,496	1,152	2,762	232	103	12,854	44	103	1,116	70	400	11,481	1,211	582	149	2,645	5,183	1,810	156	1,142	31,569	91,007	122,576

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[18] Member States in the column on the left-hand side have sent a certain number of cases 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. The number of local hits depends on the Member State settings for 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 2020

Member State	Number of marking as initiator	Number of marking following the initiator	Total
AT	4,776	1,321	6,097
BE	1,596	1,621	3,217
BG	312	1,116	1,428
CH	3,959	1,006	4,965
CY	600	90	690
CZ	52	29	81
DE	26,815	12,990	39,807
DK	362	544	906
EE	7		7
ES	1,839	446	2,285
FI	1,214	502	1,716
FR	14,723	4,289	19,012
GR	21,798	20,676	42,474
HR	14	201	215
HU		2,128	2,128
IE	326	104	430
IS		218	218
IT	31	3,069	3,100
LI	2		2
LT	23	8	31
LU	351	52	403
LV	12	9	21
MT	222		222
NL	3,729	1,571	5,300
NO	945	555	1,500
PL	173	306	479
PT		55	55
RO	429	315	744
SE	4,017	1,726	5,743
SI	72	165	237
SK	23	27	50
UK	5,154	2,300	7,454
Total	93,576	57,439	151,017

Member State	Number of unmarking as initiator	Number of unmarking following the initiator	Total
AT	426	39	465
BE	6	29	35
BG	3	27	30
CH	941	49	990
CY	1	1	2
DE	1,621	223	1,844
DK	32	22	54
ES	12	8	20
FI	12	4	16
FR	153	64	217
GR		45	45
HU		160	160
IT		62	62
MT	4		4
NL	58	54	112
NO	61	10	71
PL	3	10	13
PT		1	1
RO		5	5
SE	62	29	91
SI		1	1
SK	19	2	21
UK	13	31	44
Total	3,427	876	4,303

Member States	Blocked records for Law enforcement since 01/01/2020
AT	34,808
BE	25,572
BG	5,009
CY	831
CZ	421
DE	143,289
EE	75
ES	3,206
FI	5,243
FR	45,569
GR	9,533
HR	122
HU	14,128
IE	658
IT	5,382
LT	197
LU	402
LV	143
MT	326
NL	38,414
PL	1,443
PT	63
RO	1,736
SE	53,754
SI	145
SK	156
Total	390,625

6. Rejected data sets in 2020

Member State	Data sets rejected
AT	120
BE	216
BG	21
CH	85
CY	253
CZ	27
DE	2,052
DK	45
EE	1
ES	8,582
FI	180
FR	6,038
GR	761
HR	111
HU	19
IE	67
IS	21
IT	772
LI	0
LT	7
LU	29
LV	9
MT	176
NL	455
NO	15
PL	72
PT	30
RO	107
SE	341
SI	10
SK	4
UK	1,784
Total	**22,410**

7. Category 1 hits against marked data sets in 2020[19]

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	95	6	10	6			54	5		2		8	113		12			4				1	10	2			19	9			1	95	262	357
BE	17	334	13	18	2		132	7		49		58	441	5	9	1		11		2	1		31	3			35	17			1	334	853	1,187
BG		1	1	1			7	3		1			3		1									1				2				1	20	21
CH	7	10	2	72			58	7		2	3	17	104		10			8		1			19	2	1		1	10	1			72	263	335
CZ						7	2																									7	2	9
DE	111	502	220	97	15	4	687	83	6	101	55	110	6,301	38	60		11	55	8	10	11	2	228	37	10		122	176	28	1	2	687	8,404	9,091
DK	1	5	2	7			36	22		2	1	4	21		3			2					8	4			1	13				22	110	132
EE		1											1																			0	2	2
ES	2	1		1			10			2		3	1		5			4		1			2									2	30	32
FI	1	3	1	1			5				6	2	26		1			3					1	2			3	2				6	51	57
FR	53	214	20	73	6	1	413	22	1	99	16	297	933	3	41	1	1	97	2	4	2	4	59	10	5		48	49	7	4	9	297	2,197	2,494
GR	1	1		3			52	2				3	16		3	1							5	2				5				16	78	94
HR	2						3						19	1	2			1														1	27	28
HU							1																									0	1	1
IE	7	85		4	1		119	10		4	3	10	320	1	2		1	15	1				22	3	2		21	31			10	0	672	672
IS	3	46	2	1			24				2	4	180										11	2			2	6				0	281	281
IT	15	6	2	4			46	1				10	16	3	12			18		1			7	2			1	5	3	1	1	18	136	154
LI							1																										1	1
LT							1																									0	1	1
LU		4		2			11	2				2	19					1		2			2	2			1	2	1			2	49	51
MT	1		3				3						14										1				1					0	23	23
NL	24	51	18	41	3	1	228	14		9	4	34	273		15			29		5	1	2	118	6		2	8	18		1		118	787	905
NO		1	1	6			11	1			1	1	14					2					3	5			1	4				5	46	51
PL		1					4					1	2												2		1					2	9	11
PT		1					9				1	1			1			4					4	1		1		4				1	26	27
RO	2			1			6						36														5					5	45	50
SE	2	6	3	6	2	1	51	16		5	7	1	142		3			6					8	10	5		2	78				78	276	354
SI	1						2					2	7	4	1																	0	17	17
SK							1																									0	1	1
UK	29	241	12	48	3		613	84		22	22	141	978	6	16	15	4	145	4	1	4	4	82	13	2	2	37	59	11	1	110	110	2,599	2,709
Total	374	1,520	308	393	33	14	2,590	279	7	300	119	709	9,980	61	197	18	17	405	15	27	19	13	621	105	27	5	309	490	51	8	134	1,879	17,269	19,148

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[19] Member States in the column on the left-hand side a certain number of Category 1 searches 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	ES	FR	GR	HR	IT	NL	RO	Local hits	Foreign hits	Total
AT	2				35						37	37
BE					70	2			1		73	73
BG					2						2	2
CH					16						16	16
DE	10	2			778	9		4	3		806	806
DK					4						4	4
FR			1		124	2	1		2		130	130
GR					6					6	0	6
HR					14	1				1	14	15
IE					15						15	15
IS					32			1			33	33
IT					1	1					2	2
LU					5						5	5
MT					4						4	4
NL				1	46						47	47
NO					4						4	4
PL					1						1	1
RO					22						22	22
SE					32						32	32
SI					5	2					7	7
UK					75			1			76	76
Total	12	2	1	1	1,291	17	1	6	6	7	1,330	1,337

8. Category 3 hits against marked Category 1 data sets in 2020[20]

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	57	9	10	10			80	3		2	2	14	55		17			27		1			15	2			3	8	1		4	57	263	320
BE	43	378	5	56	1		512	32		25	3	95	270		29	1		167	4	7	10	2	114	9	2	4	11	55	2	2	20	378	1,481	1,859
BG	1		1	1			8	1					3		1			1						1				2				1	19	20
CH	14	8	2	137			125	8		5		39	44		6			28		2			33	7	1		3	9	1		2	137	337	474
CZ						6	2													1							3	1				6	8	14
DE	55	84	20	52	1	1	439	24	2	11	15	80	800	11	28		1	41	1	4	4		64	17	8		17	51	1	1	2	439	1,396	1,835
DK	2	4	2	2			32	34			1	3	8	1	6			1					4	5				22			2	34	95	129
EE											2		1																				3	3
ES		6		2			33	2		36		3	7		4																3	36	60	96
FI											1	1	4		1												1	1				1	8	9
FR	8	13	2	12	1		92	8		3	2	67	46		6	1		22		1			11	6	3		1	11	1		4	67	254	321
GR	3	3	4	4			40	2				1	45		4					1			6	2				4				45	74	119
HU	10	4		1			19						14		5								3				4					5	55	60
IS													2																				2	2
IT	17	6	4	11			48	8			2	26	23	6	12			16		3			15	4			3	7	4		1	16	200	216
LU	6	12		13			67	6		2	1	12	26		6			22		3			15	4	1		2	12	1			3	208	211
MT			1																														1	1
NL	8	17	2	13			139	7		7	3	22	120		11			12	2	2			100	3	1			16			3	100	388	488
NO	9	4	1	6	3		30	3		3	3	13	27		3			13					8	46	2		1	28			7	46	164	210
PL	1						4	1					2		1										1							1	9	10
PT							1																			1						1	1	2
RO							4						12														1					1	16	17
SE		5					3					2	8		1			2						2	2		1	7				7	26	33
SI	1	1					8					4	17	9	1			3					1										45	45
SK							4						5		2													5					16	16
UK	1	5		2			15	1				3	13		5			3		1							3	6			4	4	58	62
Total	236	559	54	323	6	7	1,705	140	2	94	35	385	1,552	28	138	7	1	363	7	25	15	2	389	108	21	5	59	240	11	3	52	1,385	5,187	6,572

[20] Member States in the column on the left-hand side have sent a certain number of Category 3 searches 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 2020

Table I: Category 4 hits against Category 1 data sets in 2020

Member State	AT1	BE1	BG1	CY1	DE1	ES1	FI1	FR1	GR1	HU1	IT1	NL1	PL1	RO1	SE1	Local hits	Foreign hits	Total
AT	10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	10	1	11
BE	0	6	0	0	0	0	0	0	0	0	0	0	6	0	0	6	6	12
CY	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	2	3
DE	0	0	1	0	0	0	5	1	3	1	6	1	0	2	1	0	21	21
ES	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
FR	0	0	0	0	2	0	0	3	0	0	1	0	0	0	2	3	5	8
HU	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
NL	0	0	0	0	2	0	3	0	0	0	0	1	0	0	0	1	5	6
RO	2	0	0	0	4	0	3	0	1	0	0	1	0	0	0	0	11	11
Total	12	6	1	1	9	2	11	4	5	1	7	4	6	2	3	22	52	74

Table II: Category 4 hits against Category 2 data sets in 2020

Member State	CY2	ES2	IT2	Local hits	Foreign hits	Total
CY	1	0	0	1	0	1
FR	0	1	1		2	2
RO	0	3	0		3	3
Total	1	4	1	1	5	6