

Explanatory Report

ED introduces standardised geographic information for French Loan Level Data (LLD)

ED will display the names of the French “régions” and “départements”

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Special thanks to **Quentin Hua** for his contribution to the paper during his internship at European DataWarehouse

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The geographic origin of the loans in LLD is identifiable with the postcode or the NUTS¹ code (see Appendix 1). European DataWarehouse (ED) will soon also provide the actual names of the French “régions” and “départements”² as extra fields Geo_1 and Geo_2 respectively, in order to increase data standardisation and transparency.³ These extra fields will be made available to premium data users.⁴ For RMBS and SME loans, Geo_1 and Geo_2 will be determined primarily based on the first two or three digits of the mandatory postcode. The optional NUTS code, when available, will be used when postcode information is insufficient.⁵

Unlike the NUTS codes, postcodes are not always reported consistently. French postcodes are normally 5 digits long with the first two identifying the “département”. The postcode field in ED’s loan-level data is typically populated with two or five digits. In order to be matched to a “département”, the first two digits of the postcode can be used, except for Corsica and overseas territories, for which three digits are needed. Since March 2011 (when the island of Mayotte became a département), there are 101 “départements” of which 96 are in Europe plus five “Départments d’Outre-Mer” (DOM - Guadeloupe, Martinique, Guyane, La Réunion and Mayotte), whose postcodes start with 97, whereas 98 identifies postcodes in the Pacific area (mainly Polynésie Francaise, Nouvelle-Calédonie). In Exhibit 1, most of the cases for which insufficient data is available refer to overseas territories for which only two digits are available instead of three.⁶

Contents

ED will display the names of the French “régions” and “départements” 1

Available geographic information is generally sufficient and consistently reported 2

Appendix 1: ECB template geographic disclosure requirements 4

Appendix 2: Mapping of Geo_1 and Geo_2 fields 5

¹ See <http://ec.europa.eu/eurostat/web/nuts/overview> and <http://ec.europa.eu/eurostat/web/nuts/history>

² France is divided in administrative “régions”, themselves divided into “départements”

³ For French deals, the two geographic description fields (Geo_1; Geo_2) will broadly correspond to the NUTS 2 and NUTS 3 levels (NUTS region names, when available, are used for the geographic description of Geo_1 and Geo_2). All Geo_2 regions can be mapped to a Geo_1 region.

⁴ In particular via ED Cloud: see <https://eurodw.eu/edcloud/>

⁵ Geo_1 will generally correspond to one of the 22 regions, and will at first not reflect the recent change in geographic nomenclature that followed the recent territorial reform which will reduce the number of regions to 13 (for instance, Alsace, Lorraine and Champagne-Ardenne will be regrouped into one region).

⁶ In the case of Corsica, if only a two digit postcode is given, ED will populate the Geo_1 field as “Corsica”, but no “Geo_2 field will be populated. For the overseas territories for which only two digits are provided, ED will populate the Geo_1 field as “Other (Départements d’Outre-Mer)” for postcode 97 and “Other (Pacific area)” for postcode 98. These cases only account for 0.5% of the RMBS loans volume.

Available geographic information is generally sufficient and consistently reported

The mandatory and optional geographic identifiers, when both are reported, almost always match. At least one type of information allowing identification of a Geo_2 field is provided for 100% of the RMBS loans and 100% of the SME loans (see Exhibit 1). While the postcode is a mandatory field for RMBS and SME deals, the NUTS is also reported for 74% and 43.13% of the RMBS and SME loans respectively. For the deals for which the postcode alone is provided, ED has manually verified the accuracy of the mapping for a sample of deals.

Exhibit 1: Postcodes and NUTS almost always match for French RMBS and SME deals

	RMBS	SME
A) Total number of loans*	1,745,273	200,581
B) Of which loans with no geographical info reported**	78	4
C) Proportion of loans for which geographic info is reported (=1-B/A)	100.00%	100.00%
D) Loans reporting both postcodes and NUTS	1,291,561	86,513
E) Loans reporting both postcodes and NUTS as % of total loans (=D/A)	74.00%	43.13%
F) Cases where the province indicated by postcodes NUTS match	1,288,694	86,317
G) Cases where postcodes and NUTS do not match (=D-F)	2,867	196
H) Matching provinces as % of cases where both postcodes and NUTS are available (=F/D)	99.78%	99.77%
I) Incoherences as proportion of total number of loans (=G/A)	0.16%	0.10%

* Counting only the number of active loans in active deals as of last reporting date available

** Either not available or for which the info available does not permit matching to a Geo_2 name. ZZZ NUTS codes were treated as unavailable.

Source: European DataWarehouse, data providers; the results above were obtained selecting the latest LLD of the active French deals as of Q4 2015.

We also observe that the breakdown of the loan exposures per region broadly matches the contribution of these regions to the French GDP (see Exhibit 2). In the case of the Ile-de-France region (Paris area), the SME exposure matches the GDP share but the share of the RMBS at 16.6% stands below the weight of this region in the French economy at 29.9%.

Exhibit 2: Loan exposure (% of volume of loans) broadly matches the GDP share of the region

	RMBS	SME	Region as % of GDP
Alsace	3.6%	2.0%	2.6%
Aquitaine	5.1%	5.4%	4.4%
Auvergne	1.8%	1.8%	1.7%
Basse-Normandie	2.0%	2.1%	1.8%
Bourgogne	2.5%	2.4%	2.1%
Bretagne	3.6%	4.9%	4.1%
Centre	4.7%	3.4%	3.3%
Champagne-Ardenne	1.7%	3.5%	1.8%
Corse	0.4%	0.4%	0.4%
Franche-Comté	1.8%	1.5%	1.4%
Guadeloupe	0.1%	0.0%	0.4%
Guyane	0.0%	0.0%	0.2%
Haute-Normandie	2.8%	1.8%	2.4%
Ile-de-France	16.6%	28.9%	29.9%
La Réunion	0.3%	0.0%	0.8%
Languedoc-Roussillon	4.8%	3.3%	3.2%
Limousin	1.0%	0.9%	0.8%
Lorraine	4.0%	2.4%	2.7%
Martinique	0.1%	0.1%	0.4%
Midi-Pyrénées	5.1%	4.0%	4.0%
Nord-Pas-de-Calais	5.8%	5.3%	5.0%
Pays de la Loire	5.8%	6.8%	5.0%
Picardie	2.6%	2.1%	2.2%
Poitou-Charentes	2.7%	3.2%	2.2%
Provence-Alpes-Côte d'Azur	8.7%	5.4%	7.2%
Rhône-Alpes	12.1%	8.3%	9.8%
Others	0.5%	0.0%	-
Total	100.0%	100.0%	100.0%

Source: European DataWarehouse, Eurostat (2013)

Appendix 1: ECB template geographic disclosure requirements⁷

ECB Loan Level Data - Reporting Template for RMBS - June 2013

AR128	Optional	Static	Geographic Region List	List	The region description of where the property is located. See Taxonomy for relevant choices.
AR129	Mandatory	Static	Property Postcode	Text/ Numeric	First 2 or 3 characters must be provided at a minimum. See Taxonomy for relevant choices.

ECB Loan Level Data - Reporting Template for SME - December 2012

AS16	Mandatory	Static	Postcode	Text	First 2 or 3 characters must be provided at a minimum. Do not supply the full postcode. See Taxonomy for relevant choices.
AS17	Optional	Static	Geographic Region	List	The region description of where the obligor is located based on the Nomenclature of Territorial Units for Statistics (NUTS) using regional coding format (NUTS2). Refer to taxonomy for guidance.

ECB Loan Level Data - Reporting Template for Leasing ABS - September 2013

AL16	Optional	Static	Postcode	Text/ Numeric	Lessee's postcode. First 2 - 4 characters should be provided only. Do not supply the full postcode. All 'No Data' options may be used in this optional field.
AL17	Mandatory	Static	Geographic Region	List	The region where the obligor is located as at underwriting. NUTS3 2006 region coding to be used. See "Geographic Region List" in taxonomy for relevant choices. All 'No Data' options may be used in this field.

ECB Loan Level Data - Reporting Template for Auto ABS - September 2013

AA21	Mandatory	Static	Geographic Region	List	The region where the borrower is located as at underwriting. NUTS3 2006 region coding to be used. See "Geographic Region List" in taxonomy for relevant choices. All 'No Data' options may be used in this field.
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⁷ See www.ecb.europa.eu/paym/coll/loanlevel/transmission/html/index.en.html for individual templates

ECB Loan Level Data - Reporting Template for Consumer Finance ABS - September 2013

AN20	Mandatory	Static	Geographic Region	List	The region where the borrower is located. NUTS3 2006 classification to be used. See "Geographic Region List" in taxonomy for relevant choices. All 'No Data' options may be used in this field.
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Appendix 2: Mapping of Geo_1 and Geo_2 fields

POSTCODE (first 2 or 3 digits)	NUTS	Région (Geo_1)	Département (Geo_2)
01	FR711	Rhône-Alpes	Ain
02	FR221	Picardie	Aisne
03	FR721	Auvergne	Allier
04	FR821	Provence-Alpes-Côte d'Azur	Alpes-de-Haute-Provence
06	FR823	Provence-Alpes-Côte d'Azur	Alpes-Maritimes
07	FR712	Rhône-Alpes	Ardèche
08	FR211	Champagne-Ardenne	Ardennes
09	FR621	Midi-Pyrénées	Ariège
10	FR212	Champagne-Ardenne	Aube
11	FR811	Languedoc-Roussillon	Aude
12	FR622	Midi-Pyrénées	Aveyron
67	FR421	Alsace	Bas-Rhin
13	FR824	Provence-Alpes-Côte d'Azur	Bouches-du-Rhône
14	FR251	Basse-Normandie	Calvados
15	FR722	Auvergne	Cantal
16	FR531	Poitou-Charentes	Charente
17	FR532	Poitou-Charentes	Charente-Maritime
18	FR241	Centre	Cher
19	FR631	Limousin	Corrèze
20	FR83	Corse	-
200	FR831	Corse	Corse-du-Sud
201	FR831	Corse	Corse-du-Sud
205	FR831	Corse	Corse-du-Sud
21	FR261	Bourgogne	Côte-d'Or
22	FR521	Bretagne	Côtes-d'Armor
23	FR632	Limousin	Creuse
79	FR533	Poitou-Charentes	Deux-Sèvres
24	FR611	Aquitaine	Dordogne

POSTCODE (first 2 or 3 digits)	NUTS	Région (Geo_1)	Département (Geo_2)
25	FR431	Franche-Comté	Doubs
26	FR713	Rhône-Alpes	Drôme
91	FR104	Ile-de-France	Essonne
27	FR231	Haute-Normandie	Eure
28	FR242	Centre	Eure-et-Loir
29	FR522	Bretagne	Finistère
30	FR812	Languedoc-Roussillon	Gard
32	FR624	Midi-Pyrénées	Gers
33	FR612	Aquitaine	Gironde
202	FR832	Corse	Haute-Corse
206	FR832	Corse	Haute-Corse
31	FR623	Midi-Pyrénées	Haute-Garonne
43	FR723	Auvergne	Haute-Loire
52	FR214	Champagne-Ardenne	Haute-Marne
05	FR822	Provence-Alpes-Côte d'Azur	Hautes-Alpes
70	FR433	Franche-Comté	Haute-Saône
74	FR718	Rhône-Alpes	Haute-Savoie
65	FR626	Midi-Pyrénées	Hautes-Pyrénées
87	FR633	Limousin	Haute-Vienne
68	FR422	Alsace	Haut-Rhin
92	FR105	Ile-de-France	Hauts-de-Seine
34	FR813	Languedoc-Roussillon	Hérault
35	FR523	Bretagne	Ille-et-Vilaine
36	FR243	Centre	Indre
37	FR244	Centre	Indre-et-Loire
38	FR714	Rhône-Alpes	Isère
39	FR432	Franche-Comté	Jura
40	FR613	Aquitaine	Landes
42	FR715	Rhône-Alpes	Loire
44	FR511	Pays de la Loire	Loire-Atlantique
45	FR246	Centre	Loiret
41	FR245	Centre	Loir-et-Cher
46	FR625	Midi-Pyrénées	Lot
47	FR614	Aquitaine	Lot-et-Garonne
48	FR814	Languedoc-Roussillon	Lozère
49	FR512	Pays de la Loire	Maine-et-Loire

POSTCODE (first 2 or 3 digits)	NUTS	Région (Geo_1)	Département (Geo_2)
50	FR252	Basse-Normandie	Manche
51	FR213	Champagne-Ardenne	Marne
53	FR513	Pays de la Loire	Mayenne
54	FR411	Lorraine	Meurthe-et-Moselle
55	FR412	Lorraine	Meuse
56	FR524	Bretagne	Morbihan
57	FR413	Lorraine	Moselle
58	FR262	Bourgogne	Nièvre
59	FR301	Nord-Pas-de-Calais	Nord
60	FR222	Picardie	Oise
61	FR253	Basse-Normandie	Orne
75	FR101	Ile-de-France	Paris
62	FR302	Nord-Pas-de-Calais	Pas-de-Calais
63	FR724	Auvergne	Puy-de-Dôme
64	FR615	Aquitaine	Pyrénées-Atlantiques
66	FR815	Languedoc-Roussillon	Pyrénées-Orientales
69	FR716	Rhône-Alpes	Rhône
71	FR263	Bourgogne	Saône-et-Loire
72	FR514	Pays de la Loire	Sarthe
73	FR717	Rhône-Alpes	Savoie
77	FR102	Ile-de-France	Seine-et-Marne
76	FR232	Haute-Normandie	Seine-Maritime
93	FR106	Ile-de-France	Seine-Saint-Denis
80	FR223	Picardie	Somme
81	FR627	Midi-Pyrénées	Tarn
82	FR628	Midi-Pyrénées	Tarn-et-Garonne
90	FR434	Franche-Comté	Territoire de Belfort
94	FR107	Ile-de-France	Val-de-Marne
95	FR108	Ile-de-France	Val-d'Oise
83	FR825	Provence-Alpes-Côte d'Azur	Var
84	FR826	Provence-Alpes-Côte d'Azur	Vaucluse
85	FR515	Pays de la Loire	Vendée
86	FR534	Poitou-Charentes	Vienne
88	FR414	Lorraine	Vosges
89	FR264	Bourgogne	Yonne
78	FR103	Ile-de-France	Yvelines

POSTCODE (first 2 or 3 digits)	NUTS	Région (Geo_1)	Département (Geo_2)
971	FRA10	Guadeloupe	-
971	FRA1	Guadeloupe	-
971	FR91	Guadeloupe	-
971	FR910	Guadeloupe	-
973	FR93	Guyane	-
973	FR930	Guyane	-
973	FRA3	Guyane	-
973	FRA30	Guyane	-
974	FRA4	La Réunion	-
974	FRA40	La Réunion	-
974	FR94	La Réunion	-
974	FR940	La Réunion	-
972	FR920	Martinique	-
972	FR92	Martinique	-
972	FRA2	Martinique	-
972	FRA20	Martinique	-
976	FRA5	Mayotte	-
976	FRA50	Mayotte	-
976	FR950	Mayotte	-
988	-	Nouvelle-Calédonie	-
97	-	Other (Départements d'Outre-Mer)	-
98	-	Other (Pacific area)	-
987	-	Polynésie Française	-
975	-	Saint-Pierre-et-Miquelon	-

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