#### **DISCLAIMER**

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#### SURVEY ON SECONDARY MARKETS FOR NON-PERFORMING LOANS

#### Introduction

To get an overview of the state of the NPL secondary market in the European Union, the Non-Performing Loans (NPL) Advisory Panel launched a survey open to market participants in March-April 2024.

The main focus of the survey was the state of play of the NPL secondary markets, also in terms of actors/transactions and of barriers to their development, as well as consumer protection-related aspects.

This survey was addressed to different categories of respondents, in order to gather broad perspectives on various aspects of the market. Overall, 90 responses were received from members of the NPL Advisory Panel and beyond. The split by main area of activity, as shown in Table 1, shows a broad coverage of the different segments of the market (e.g., about 34% of responses from banking, insurance, leasing and factoring vs about 37% of responses received from servicers and 10% received from purchasers).

The country that accounted for most of the responses is Spain (15), followed by Germany (9) and Italy (8). The country coverage is quite broad, as responses from a total of 22 EU Member States were collected. Besides, responses from Norway, Switzerland and the United Kingdom were collected too.

The replies to the survey have been kept anonymous and have been analysed by the secretariat of the NPL Advisory Panel, only for the purpose of elaborating this summary of responses.

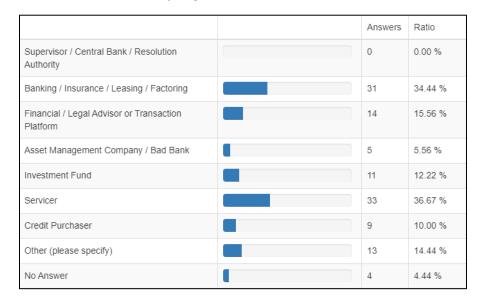
## Statistics by question

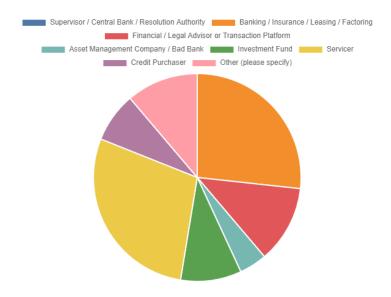
### 1. Main jurisdiction

Country	Answers	%
Austria	3	3.3%
Belgium	4	4.4%
Croatia	2	2.2%
Cyprus	1	1.1%
Czechia	2	2.2%
Denmark	2	2.2%
Finland	2	2.2%
France	5	5.6%
Germany	9	10.1%
Greece	5	5.6%
Hungary	2	2.2%
Ireland	6	6.7%
Italy	8	8.9%
Lithuania	1	1.1%
Malta	1	1.1%
Netherlands	2	2.2%
Norway	1	1.1%
Poland	1	1.1%
Portugal	1	1.1%
Slovakia	4	4.4%
Slovenia	2	2.2%
Spain	15	16.8%
Sweden	1	1.1%
Switzerland	1	1.1%
United Kingdom	3	3.3%
No answer	5	5.6%

### 2. Category of Respondent

### Name / Nature of activity (e.g., Public AMC)

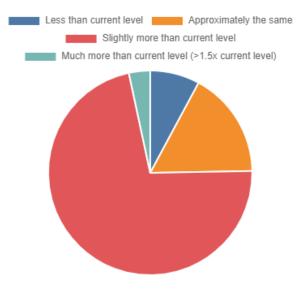




### 3. State of NPL Market

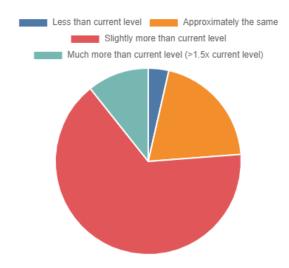
Where do you expect your country's stock of non-performing / Stage 3 loans to be over the next two years?

	Answers	Ratio
Less than current level	7	7.78 %
Approximately the same	15	16.67 %
Slightly more than current level	64	71.11 %
Much more than current level (>1.5x current level)	3	3.33 %
No Answer	1	1.11 %



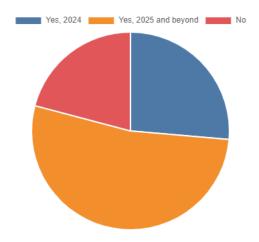
# Where do you expect your country's stock of sub-performing / Stage 2 loans to be over the next two years?

	Answers	Ratio
Less than current level	3	3.33 %
Approximately the same	17	18.89 %
Slightly more than current level	55	61.11 %
Much more than current level (>1.5x current level)	9	10.00 %
No Answer	6	6.67 %



### Do you see an upcoming increase in NPL and, if so, when do you expect the new NPL formation to peak?

	Answers	Ratio
Yes, 2024	24	26.67 %
Yes, 2025 and beyond	48	53.33 %
No	19	21.11 %
No Answer	1	1.11 %

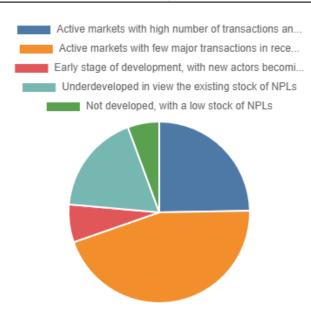


## In your view, which sectors are most likely to see an increase in NPL levels? (select all that apply)

	Answers	Ratio
Corporate / SME lending	63	70.00 %
Commercial real estate	51	56.67 %
Residential real estate	26	28.89 %
Asset-backed finance	13	14.44 %
Auto loans	12	13.33 %
Credit cards	48	53.33 %
Unsecured business loans (e.g., working capital loans)	36	40.00 %
Unsecured consumer loans	50	55.56 %
Other	2	2.22 %
No Answer	2	2.22 %

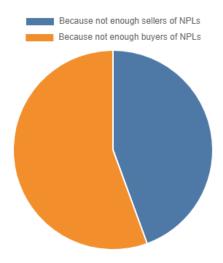
### How do you assess the current state of NPL secondary market in EU markets where you are active in?

	Answers	Ratio
Active markets with high number of transactions and actors on demand and supply side	22	24.44 %
Active markets with few major transactions in recent years	40	44.44 %
Early stage of development, with new actors becoming active	6	6.67 %
Underdeveloped in view the existing stock of NPLs	16	17.78 %
Not developed, with a low stock of NPLs	5	5.56 %
No Answer	1	1.11 %



### Why?

	Answers	Ratio
Because not enough sellers of NPLs	4	4.44 %
Because not enough buyers of NPLs	5	5.56 %
Other	0	0.00 %
No Answer	83	92.22 %

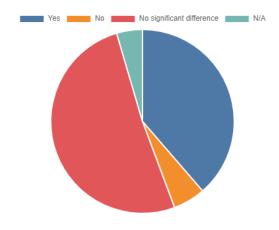


# If applicable, what type of assets do you see traded in the NPL secondary market most frequently? (select all that apply)

	Answers	Ratio
Commercial real estate	30	33.33 %
Residential real estate	51	56.67 %
Secured Corporate / SME lending (secured by assets other than in options "a" and "b")	39	43.33 %
Unsecured Corporate / SME lending (e.g., working capital loans)	44	48.89 %
Unsecured retail loans (e.g., credit cards, personal loans)	27	30.00 %
Asset-backed finance (e.g., finance for acquiring a specific asset other than property)	5	5.56 %
Auto loans	15	16.67 %
Secured Consumer Loans	13	14.44 %
Unsecured Consumer Loans	25	27.78 %
N/A	6	6.67 %
Other	21	23.33 %
No Answer	2	2.22 %

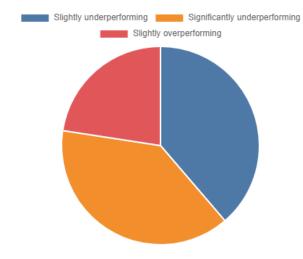
# Considering existing NPL transactions in the countries you are active in, are there significant differences between expected and actual recovery rates?

	Answers	Ratio
Yes	34	37.78 %
No	5	5.56 %
No significant difference	45	50.00 %
N/A	4	4.44 %
No Answer	2	2.22 %



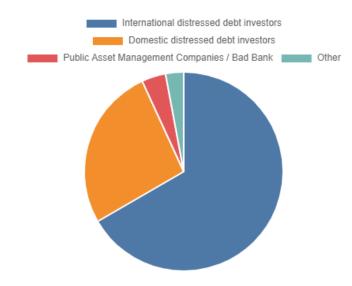
### Of what kind?

	Answers	Ratio
Slightly underperforming	12	13.33 %
Significantly underperforming	12	13.33 %
Slightly overperforming	7	7.78 %
Significantly overperforming	0	0.00 %
No Answer	59	65.56 %



# If applicable, who are the top NPL buyers in the EU markets where you are active in? (select all that apply)

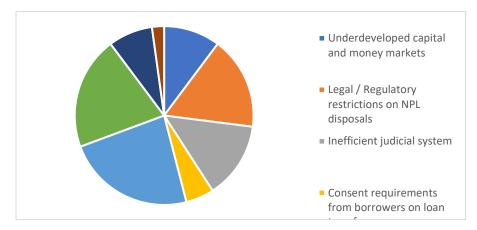
	Answers	Ratio
International distressed debt investors	68	75.56 %
Domestic distressed debt investors	27	30.00 %
Public Asset Management Companies / Bad Bank	4	4.44 %
N/A	0	0.00 %
Other	3	3.33 %
No Answer	3	3.33 %



### 4. Barriers to the Development of NPL Markets

# In your view, what are the most significant barriers to NPL secondary markets in EU markets where you are active in? (select all that apply)

		Answers	Ratio
Underdeveloped capital and money markets (i.e., access to funding)		14	15.56 %
Legal / Regulatory restrictions on NPL disposals (e.g., transfer of ownership, transaction structure)		23	25.56 %
Inefficient judicial system		19	21.11 %
Consent requirements from borrowers on loan transfer	•	7	7.78 %
Limited level of NPLs		32	35.56 %
Pricing of primary market transaction		28	31.11 %
Other		11	12.22 %
No Answer	1	3	3.33 %

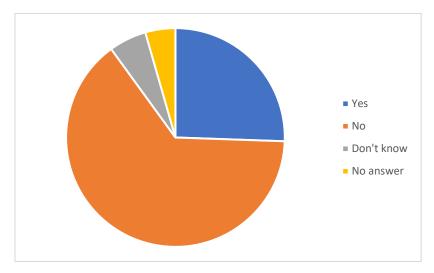


## In your view, how developed is the secured loan servicing infrastructure in the markets you are active in?

	Answers	Ratio
The secured loan servicing industry has multiple players, both international and domestic	38	42.22 %
The secured loan servicing industry is somewhat active, made up of several domestic players, and requires some operational improvements in terms of personnel and IT development	24	26.67 %
The secured loan servicing industry is rather underdeveloped, with lenders predominantly relying on their own internal resources when it comes to loan servicing and workout	19	21.11 %
Other	2	2.22 %
No Answer	7	7.78 %

Do you consider costs of taking enforcement action in the courts as an impediment to the NPL market development in the countries you are active in?

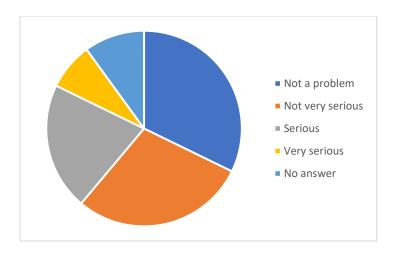
	Answers	Ratio
Yes	23	25.56 %
No	58	64.44 %
Don't know	5	5.56 %
No Answer	4	4.44 %



## 5. Use of Data

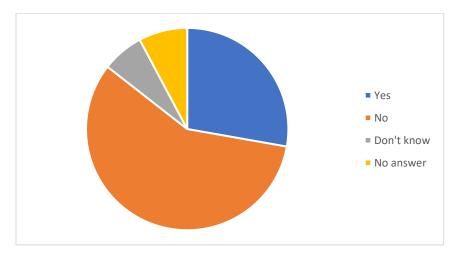
How serious a problem is data availability and data quality for NPLs in your main jurisdiction?

	Answers	Ratio
Not a problem	29	32.22 %
Not very serious	26	28.89 %
Serious	19	21.11 %
Very serious	7	7.78 %
No Answer	9	10 %



## Do you use external data to value NPL?

	Answers	Ratio
Yes	25	27.78 %
No	52	57.78 %
Don't know	6	6.67 %
No Answer	7	7.78 %



## As a seller, which pieces or information are most difficult to provide even though you expect a beneficial impact on prices? (select all that apply)

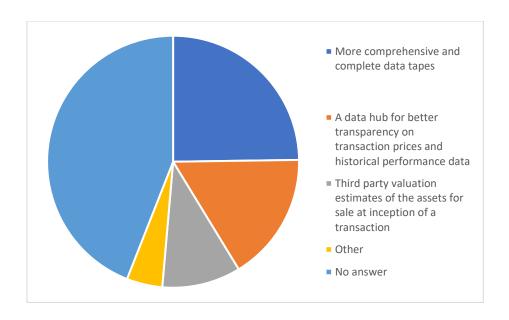
	Answers	Ratio
Details about potential deficient claims (e.g., missing legal documents, deceased borrowers, time barring)	19	21.11 %
Historical performance data (e.g., detailed break down of cash collected by type, historical recovery curves of all the loans that the seller has worked out)	17	18.89 %
Detailed history of workout measures attempted even if unsuccessful (e.g., Number of times the client was contacted, Payment plan or DPO proposals, Borrower responsiveness)	17	18.89 %
Other	2	2.22 %
No Answer	57	63.33 %

# As a buyer, which pieces of information are often deficient that if delivered would allow you to bid higher? (select all that apply)

	Answers	Ratio
Details about potential deficient claims (e.g., missing legal documents, deceased borrowers, time barring)	17	18.89 %
Historical performance data (e.g., detailed break down of cash collected by type, historical recovery curves of all the loans that the seller has worked out)	15	16.67 %
Detailed history of workout measures attempted even if unsuccessful (e.g., Number of times the client was contacted, Payment plan or DPO proposals, Borrower responsiveness)	17	18.89 %
Other	8	8.89 %
No Answer	57	63.33 %

## What measures do you consider most promising to help reducing data gaps and information asymmetries? (select all that apply)

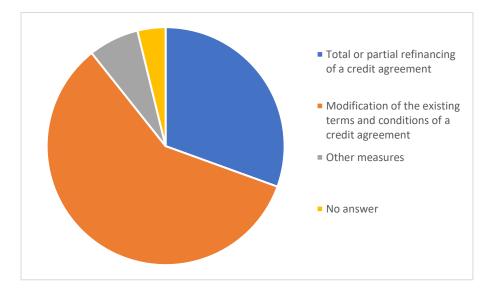
	Answers	Ratio
More comprehensive and complete data tapes	27	30 %
A data hub for better transparency on transaction prices and historical performance data	18	20 %
Third party valuation estimates of the assets for sale at inception of a transactions	11	12.22 %
Other	5	5.56 %
No Answer	48	53.33 %



#### 6. On Forbearance and Debt Collection

Which types of forbearance measures have been most commonly offered to consumers before the initiation of enforcement proceedings? (select all that apply)

	Answers	Ratio
Total or partial refinancing of a credit agreement	40	44.44 %
Modification of the existing terms and conditions of a credit agreement	77	85.56 %
Other measures	9	10 %
No Answer	5	5.56 %

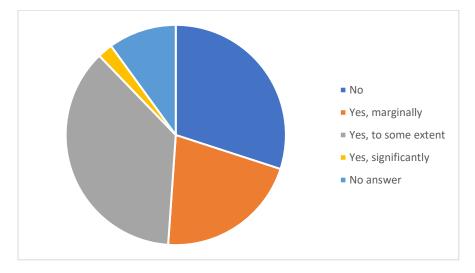


### Which type of modification? (select all that apply)

	Answers	Ratio
Extending the term of the credit agreement	54	60 %
Changing the type of credit agreement	14	15.56 %
Deferring payment of all or part of the instalment repayment for a period	53	58.89 %
Changing the interest rate	21	23.33 %
Offering a payment holiday	46	51.11 %
Partial repayments	39	43.33 %
Currency conversions	3	3.33 %
Partial forgiveness and debt consolidation	27	30 %
Other	3	3.33 %
No Answer	16	17.78 %

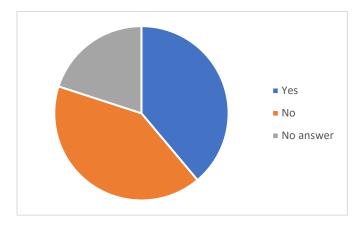
### Did forbearance measures lead to a reduction in the total cost of the credit for borrower?

		Answers	Ratio
No		27	30 %
Yes, marginally		19	21.11 %
Yes, to some extent		33	36.67 %
Yes, significantly	I	2	2.22 %
No Answer		9	10 %



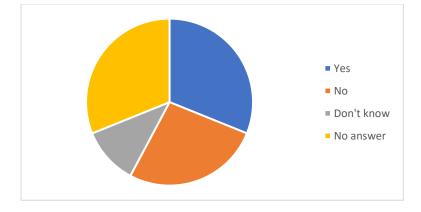
Are there measures in place to make sure that debt collection and the sale of loans on secondary markets is effectively ruled out in case there is no legal document to claim the debt?

	Answers	Ratio
Yes	35	38.89 %
No	37	41.11 %
No Answer	18	20 %



Do you have specific measures in place regarding SMEs in order to maximize the repayment of their loans and avoid default?

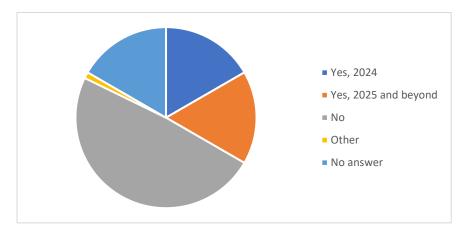
	Answers	Ratio
Yes	28	31.11 %
No	24	26.67 %
Don't know	10	11.11 %
No Answer	28	31.11 %



#### 7. On Covid Loans

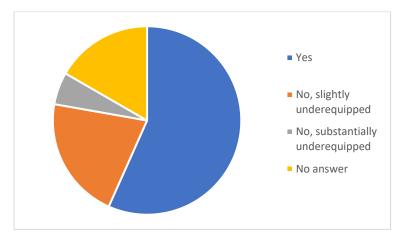
Do you expect Covid loans to experience higher default rates than other loans and thus have an impact on a possible increase of NPL?

	Answers	Ratio
Yes, 2024	15	16.67 %
Yes, 2025 and beyond	15	16.67 %
No	44	48.89 %
Other	1	1.11 %
No Answer	15	16.67 %



### Do you think that banks are sufficiently equipped to deal with the work out of Covid loans?

	Answers	Ratio
Yes	51	56.67 %
No, slightly underequipped	19	21.11 %
No, substantially underequipped	5	5.56 %
No Answer	15	16.67 %



## Do you see any transfer restrictions due to Covid loans?

	Answers	Ratio
Yes	25	27.78 %
No	52	57.78 %
No Answer	13	14.44 %

