

Survey Report

[2022 version of Inkjet Printing Market Forecast]

"The Latest Market Data for Inkjet Technology Adoption and its Significance to Transforming Manufacturing Sectors"

=Comprehensive analysis of the commercial and industrial inkjet market (hardware, ink, and printheads)=



Kornit's Presto MAX is leading the pigment textile printing press market



Konica Minolta's presence grows in the commercial printing market



EFI's Nozomi C14000 LED single-pass press for the corrugated printing market



<Overview>

I. Theme

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= Comprehensive analysis of the commercial and industrial inkjet market (hardware, ink, and printheads)=

II. Abstract

In the office equipment industry, office print volumes fell sharply in the wake of the coronavirus pandemic, and as of 2022, they are still far from the pre-pandemic levels (less than 90% of the 2019 level). And even production print, which is expected to cover the decline in office print, is halfway to recovery.

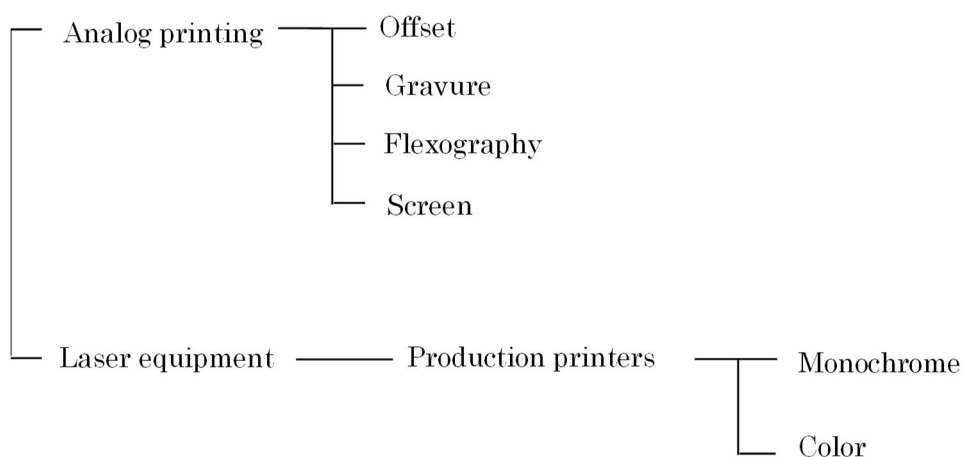
For struggling office equipment makers, **market development through inkjet technology is becoming more important than ever**. In the commercial and industrial inkjet market, some fields, such as signage and ceramic tiles, are heading toward saturation, but many others, such as textiles and packaging, are expected to grow further. Inkjet technology has originally grown and evolved in the so-called "digital printing" market, where paper printing is converted from analog to digital printing. It is **expected to expand its practical applications to the "digital fabrication" and "printed electronics" markets**, where digital data is used as the basis for manufacturing technology. Some believe that inkjet technology will play a leading role particularly in the 3D printer market, where there are a variety of modeling methods, and multiple makers are strengthening product development based on inkjet technology.

Social contexts also support the expansion of the inkjet technology market in many ways. Analog printing, which produces large amounts of waste water and consumes great energy, is shifting toward digital printing, which prints just the right amount, and this is consistent with modern environmental values. Tighter environmental regulations in China are also likely to be a tailwind for inkjet technology. In addition, as mentioned above, inkjet technology is applied more practically in manufacturing, and companies with diverse backgrounds are expected to increase investment in inkjet technology, not just in printing.

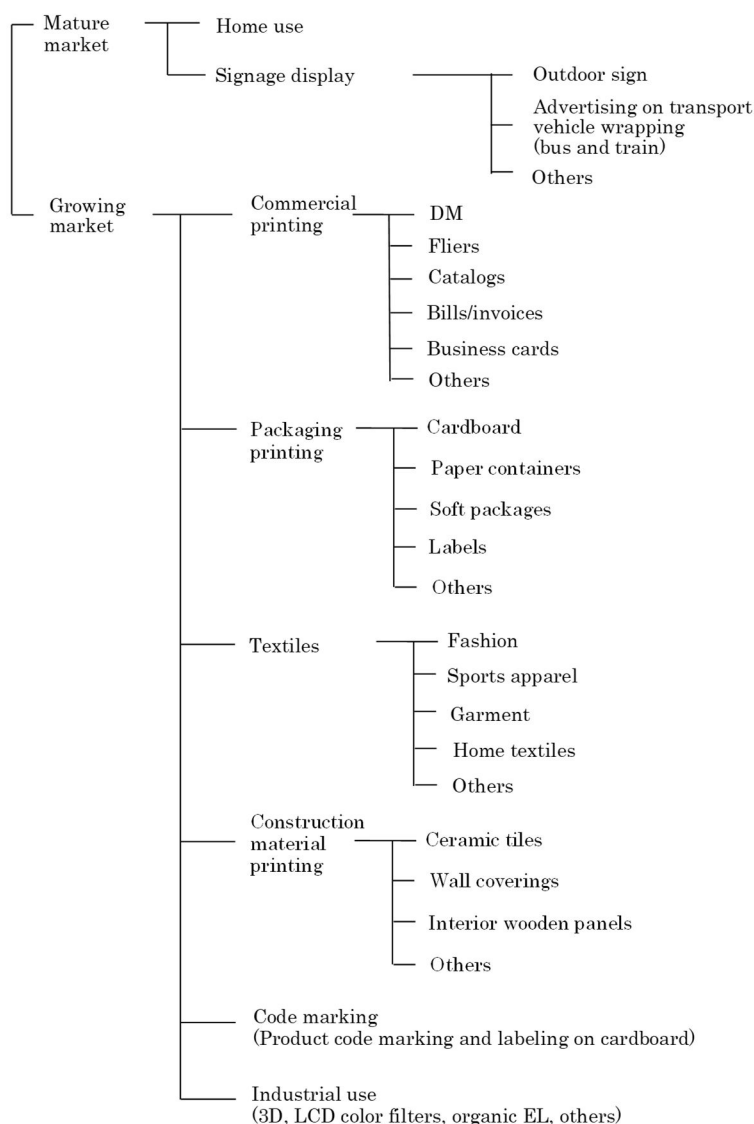
The 2022 version of Inkjet Printing Market Forecast is going to be the sixth publication in the series. Ahead of the publication, we have collected information on trade shows in Europe and the United States, such as the FESPA Global Print Expo 2022 (Germany) and Labelexpo Americas 2022 (U.S.). We hope our report will reach as many readers as possible in inkjet-related businesses.

III. Items and Makers

1-1. Rival Markets



1-2. Inkjet-related Items



2. Makers

- 1) Hardware makers
- 2) Printhead makers
- 3) Ink and dispersions makers
- 4) Others (post-processing equipment makers and parts makers)

IV. Research Period and Methodology

1. Research period

The research period is set from 2019 to 2025 and target regions are Japan, North America, Europe, China, and other regions.

2. Methodology

- 1) On-site and in-person interviews with target makers as a basic policy
- 2) Analysis and review of open literatures, materials, statistics, and other sources
- 3) Analysis of Data Supply's own proprietary database

V. Format and Report Preparation Period

1. Research form: Multi-client study
2. Research period: August to October of 2022
3. Publication date: December 9, 2022
4. Report format: A4 size (PDF format)
5. Price: \$5,000-
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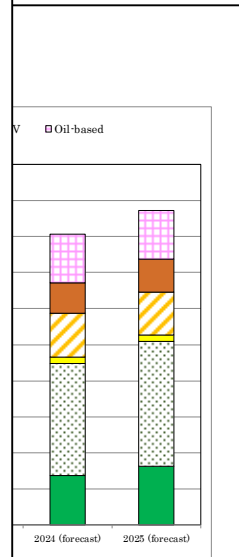
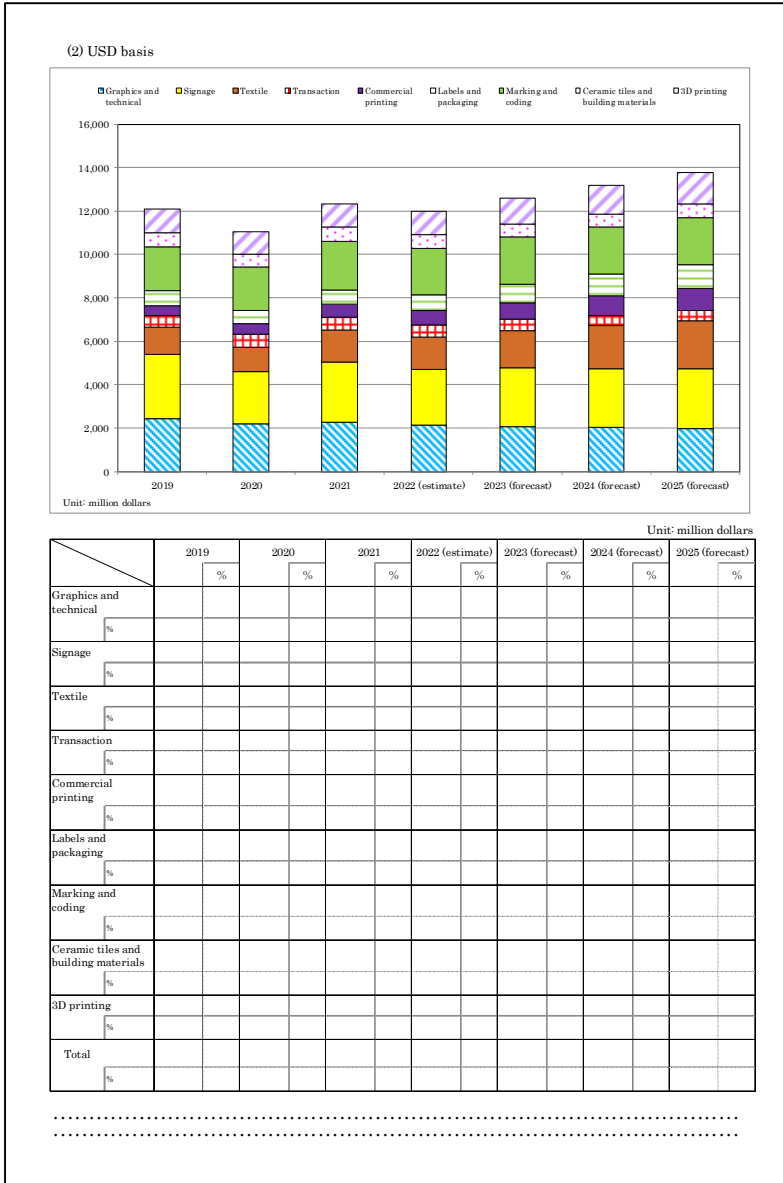
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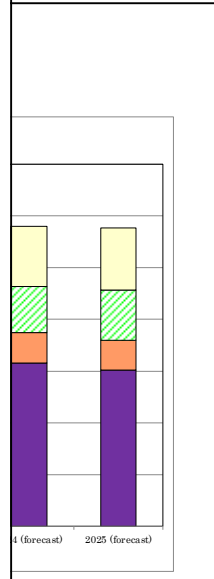
Extract from < Comprehensive Analysis > < Individual Inkjet Market >

*Tables are filled with numbers and comments in the real report.



Unit: ton

	2024 (forecast)	2025 (forecast)
Oil-based		
Total		



	2024 (forecast)	2025 (forecast)
Oil-based		
Total		

Total	2024 (forecast)	2025 (forecast)
%		

Extract from < Comprehensive Analysis > < Individual Inkjet Market >

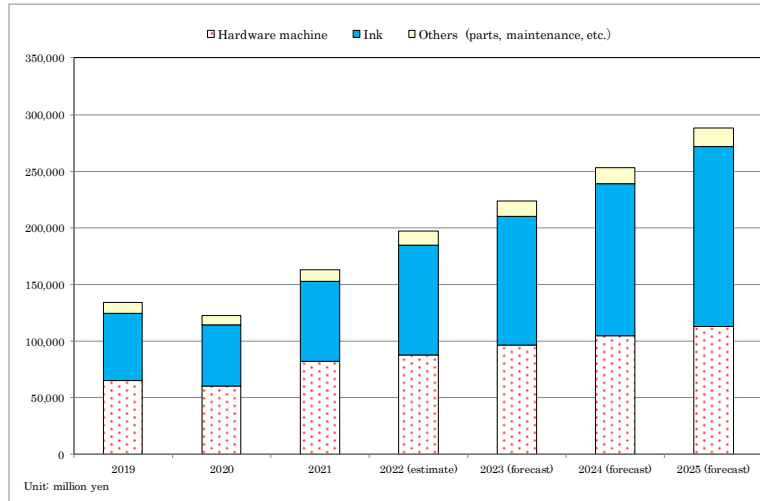
*Tables are filled with numbers and comments in the real report.

3) In and after 2021

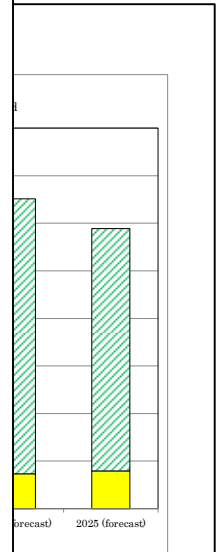
Year	Acquirer company (country)	Targeted company (country)	Targeted company's business	Acquisition amount
2021	Global Graphics (UK)	HYBRID Software (Luxembourg)	Software	€80m
2021	Xaar (UK)	FFEI (UK)	Integrator	£ 540m

2021	Des
2021	Des
2021	Des
2021	Des
2021	Kor
2021	Str
2022	He
2022	Na
2022	Agf
2022	Fuj
2022	EF
2022	Ma

B-3. Textile market
1. Overall shipment value (hardware machines and inks from 2019 to 2025)
(1) JPY basis



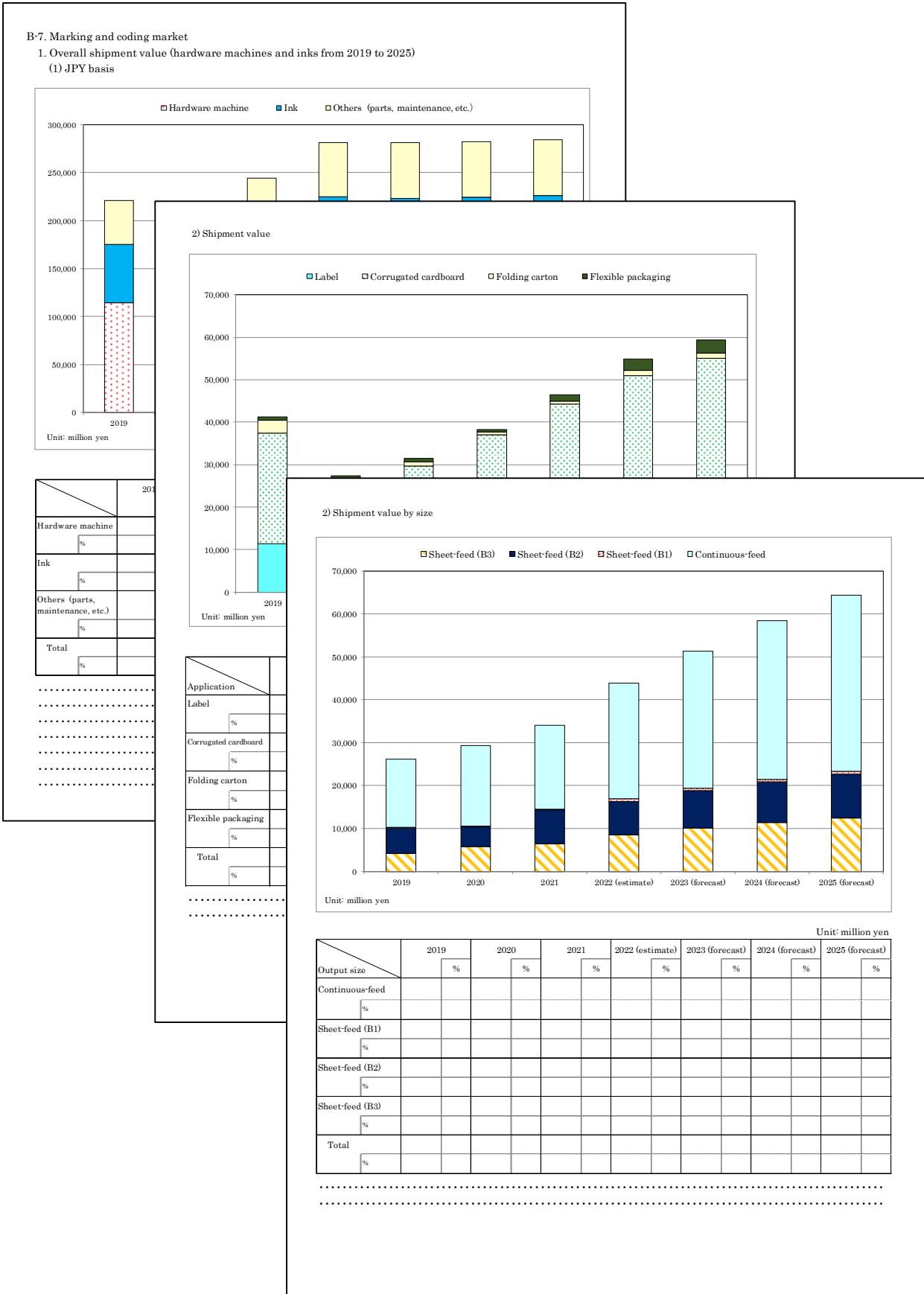
		Unit: million yen						
		2019	2020	2021	2022 (estimate)	2023 (forecast)	2024 (forecast)	2025 (forecast)
Hardware machine	%							
Ink	%							
Others (parts, maintenance, etc.)	%							
Total	%							



		Unit: million yen	
		2024 (forecast)	2025 (forecast)
	%		
	%		
	%		
	%		

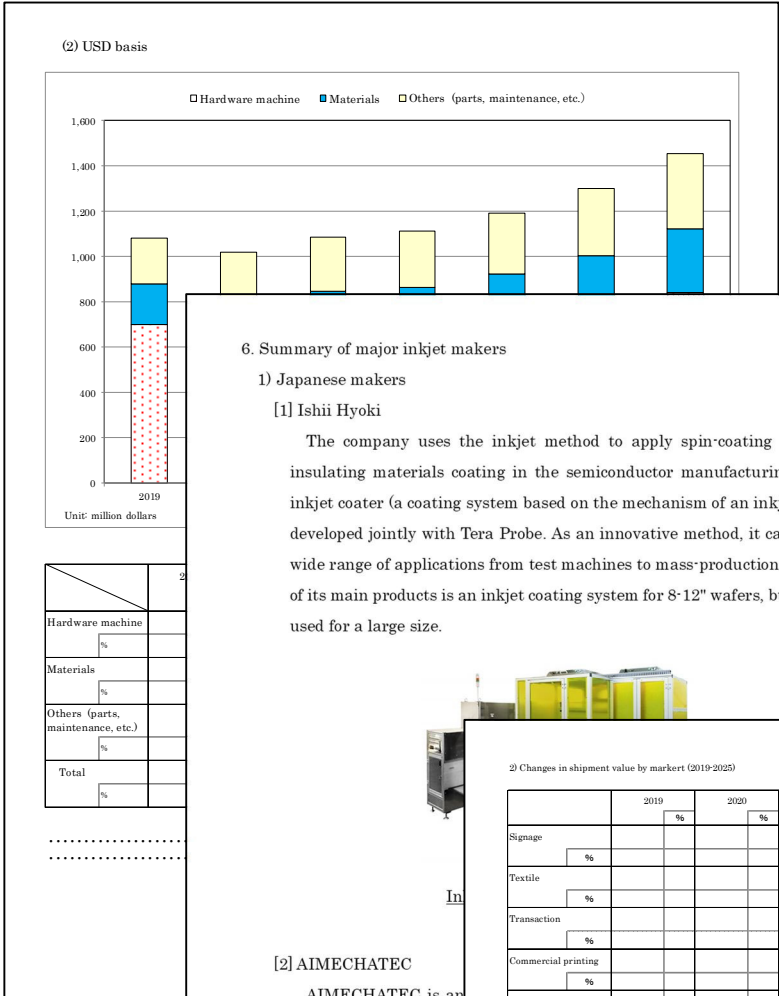
Extract from < Individual Inkjet Market >

*Tables are filled with numbers and comments in the real report.



Extract from < Individual Inkjet Market > < Inkjet Printhead Market >

*Tables are filled with numbers and comments in the real report.

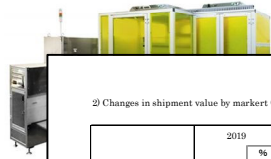


6. Summary of major inkjet makers

1) Japanese makers

[1] Ishii Hyoki

The company uses the inkjet method to apply spin-coating thick films for insulating materials coating in the semiconductor manufacturing process. The inkjet coater (a coating system based on the mechanism of an inkjet printer) was developed jointly with Tera Probe. As an innovative method, it can be used for a wide range of applications from test machines to mass-production machines. One of its main products is an inkjet coating system for 8-12" wafers, but it can also be used for a large size.



Hardware machine	%
Materials	%
Others (parts, maintenance, etc.)	%
Total	%

[2] AIMECHATEC

AIMECHATEC is an inkjet printer and semiconductor inkjet printer company (mainly LCD and OLED) for OLED and QD-OLED systems.

② Changes in shipment value by market (2019-2025)

	2019		2020		2021		2022 (estimate)		2023 (forecast)		2024 (forecast)		2025 (forecast)	
	Value	%	Value	%	Value	%	Value	%	Value	%	Value	%	Value	%
Signage														
Textile														
Transaction														
Commercial printing														
Labels and packaging														
Marking and coding														
Ceramic tiles and building material														
Others														
Total														

