











Measurement of SPPI





# **O1** CHARACTERISTICS OF THE INDUSTRIES





# **Definition of service**

Two main products:

published content (printed or online) and advertising space.

## Several revenue streams:

- revenue generated from the sale of content:
  - mailing lists, individual copies of directories, newspapers and periodicals,
  - subscriptions, which can include online access and print copies
- advertising revenue, which is generated from the sale of advertising space,
- some may also charge licensing fees for the use of their content
- although marginal, user data and web traffic data may be a source of revenue



# **Industry classifications**

ISIC rev. 4		NACE rev. 2		NAICS 2017		
Code	Title	Code	Title	Code	Title	
5812	Publishing of directories and mailing lists	1.10 17	Publishing of directories and mailing lists	511140	Directory and mailing list publishers	
5813	Publishing of newspapers, journals and periodicals	58.13	Publishing of newspapers	511110	Newspaper publishers	
		58.14	Publishing of journals and periodicals	511120	Periodical publishers	

### **ISIC 5813 = NACE 5813 + 5814**

• NACE 5813: at least 4 times a week / NACE 5814 : less than 4 times





### **CHARACTERISTICS OF THE INDUSTRIES**

### **Product classifications**

				Coue	
CPA 2008		CPC ver 2.1			Τ
Code	Title	Code Title			
		32230 Directories, in print			
		73312 Licensing services for the right to use databases			
5812	Publishing of directories and mailing lists	83631 Sale of advertising space in print media (except on commission)		5812	P
		83639 commission)			a
		84313 On-line directories and mailing lists			
		89110 Publishing, on a fee or contract basis			
5813		32300 Newspapers and periodicals, daily, in print			
	Publishing of newspapers	32410 General interest newspapers and periodicals, other that daily, in print	١		T
		Business, professional or academic newspapers and periodicals, other than daily, in print			
		32490 Other newspapers and periodicals, other than daily in r	orint		
5813		73320 Dicensing services for the right to use entertainment, lite or artistic originals	rary	5813	P
		83631 Sale of advertising space in print media (except on commission)			
		83633 Sale of Internet advertising space (except on commission	on)		
		84312 On-line newspapers and periodicals			
		89110 Publishing, on a fee or contract basis			
5814		32300 Newspapers and periodicals, daily, in print			
	Publishing of journals and periodicals	32410 daily, in print	ו		
		32420 Business, professional or academic newspapers and periodicals, other than daily, in print			
		32490 Other newspapers and periodicals, other than daily, in p	orint	5814	P a
		73320 or artistic originals	rary	0011	
	•	83631 Sale of advertising space in print media (except on commission)			
		83633 Sale of Internet advertising space (except on commission	on)		
		84312 On-line newspapers and periodicals	12 On-line newspapers and periodicals		
		89110 Publishing, on a fee or contract basis			

	CPA 2008		NAPCS broad product
Code	Title	Code	Title
		7014505	Directories
		7014515	Databases and other collections of information
		7002525	Libraryand archive services
		7012600	Mailing lists
	Publishing of directories	7012275	Advertising space in printed publications
5812	and mailing lists	7012350	Internet advertising
		7012400	Advertising space in publications on electronic and other media, exception online
		2052875	Quick printing
		2052900	Digital printing
		7009581	Licensing of rights to use intellectual property protected by copyright
		7001175	General newspapers
		7001200	Specialized newspapers
		7011125	Local transportation and delivery of purchased or serviced items
		7012075	Graphic design services, except advertising graphic design
	Publishing of	7012275	Advertising space in printed publications
5813	newspapers	7012350	Internet advertising
	lionopapo.c	7012400	Advertising space in publications on electronic and other media, excep online
		2052875	Quick printing
		2052900	Digital printing
		7009581	Licensing of rights to use intellectual property protected by copyright
_	$\Box$	7001225	Periodicals, generalinterest
		7001250	Periodicals, business (including farming), professional and academic
		7001275	Periodicals, not elsewhere classified
		7013050	Public relations event management services
	Publishing of journals	7012275	Advertising space in printed publications
5814	and periodicals	7012350	Internet advertising
		7012400	Advertising space in publications on electronic and other media, exce online
		2052875	Quick printing
		2052900	Digital printing
		7009581	Licensing of rights to use intellectual property protected by copyright



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# **Classification issues**

# Should online-only publishers be included in these industries ?

• North American countries: different approaches (excluded in US, recently included in Canada)

NAICS 519130 Internet publishing and broadcasting and web search portals is not connected to ISIC 5813 in the correspondence tables

- According to ISIC notes, there seems to be no indication that online-only publishers should be excluded from these classes.
- Should NAICS be revisited to follow more closely to ISIC on this point ? (next NAICS update in 2022)



# Market conditions, trends

## **Decline in the number of establishments**

# and pressure on existing business models

- Significant reorganization process, still going on
- Loss of revenue from print advertising or physical subscription
- Many publishers have elected to circulate a portion of their content for free
- Bundles of print and digital have been developing
- Competition with other online providers, such as web portals
- New revenue from digital publishing is still dim for publishers (although advertisers spending on the Internet is soaring) except for largest competitors, or those relying on branding or niche content



# **U2TURNOVER / OUTPUT**<br/>MEASUREMENT

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# **Product structure**

Fine disaggregation proposed by official classifications not accessible in many countries  $\rightarrow$  survey needed

- 5813: Two kinds of breakdown may sometimes be accessible:
  - subscriptions and sales / advertising / licensing of rights
  - revenue from traditional formats / revenue generated online
- 5812: the low turnover in the industry does not generally justify efforts to disaggregate statistics by finer product codes.

# Sources

## Variable mix of administrative and survey data.

Information from tax data alone not sufficient



# **Measurement issues**

# Third-party stakeholders and isolation of the net revenue

- Physical products: transport and trade margin should be isolated from the output
- Advertising: the sales of advertising space are often shared between the publishers and an intermediary, such as a media marketer.

Only the net output (excluding the commission due to the media marketer, which provides an intermediary service linked to the advertising industry, ISIC 7310) should be taken into account in the measurement of the output of the 5812/13 industries.

This should lead to the separation of the advertisement turnover between the relevant services industries (publishing industries / advertising industries).

 $\rightarrow\,$  These industries have to be collected and computed consistently









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# Sources SPPI survey

- Dedicated monthly or quarterly survey: information on product-level, sometimes with product-level weights asked once a year
- In combination with an external source (Spain):

collaboration with a company that carries out the exhaustive control of the advertising activity

### **Industry vs product**

 (In the contributing countries) the methods are based on the product approach



# **Price methods chosen**

### For single copy sales (online or print)

- Direct use of repeated service: price retained by the publisher
- Average price per unit for a homogeneous family of publications: the number of units should include free/promotional copies
- Model pricing: especially for mailing lists (customization)
  For subscriptions (online or print)
- Direct use of repeated service: format/duration/new or renewal
- Average price per unit: the buyer type is important (some receive free or discounted price copies)
- List prices: if no other pricing options are feasible with collection of the average price discount



# **Price methods chosen**

# **Advertising: print**

- Average price per unit: for very homogeneous types of advertisement ;
  - The unit has to be identified clearly (full page, inches...)
  - Prices should ideally be corrected by circulation figures
- Direct use of repeated service: with characteristics fixed: format/type/size/colors and exact placement...
- Contract price: the contract changes should be managed according to rules for products replacements
- List prices: if no other pricing options are feasible with collection of the average price discount.



# **Price methods chosen**

# **Online advertising**

- Average price per unit: total turnover divided by the unit used for pricing (for very homogeneous categories of advertisements).
   CPM/CPC/CPA intrinsically contain an adjustment to achieved audience size
- Bid price: price per click that would be charged if a listing at a certain position was clicked upon for a specific keyword search

Should be diminished of all fees due to intermediaries in the programmatic chain (ad networks, supply side platforms...)

• Contract price



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# **Evaluation of price methods**

### **Direct use of repeated service vs unit value method**

- The former depends on the stability of the service over time, which is not guaranteed as the formats tend to change rapidly.
- The unit value method leads to less product substitutions, but is submitted to fluctuations of the composition of the mix of services that cannot be completely avoided.

### Audience

- Online advertisement series are mostly priced per click or per impression, which means they are already adjusted on audience.
- Regarding print advertisement, prices should ideally be corrected with circulation figures, or quality adjustments have to be done each time there is a perceptible change in the circulation.





# 04 INTERNATIONAL PROGRESS



# **Review of countries by VG bureau**

### **Turnover / output**

- 5812: 18 out of 23 countries collect industry-level turnover / output at industry-level (4 monthly, 3 quarterly, 8 annual). 2 countries mention finer levels
- 5813: 18 out of 23 countries collect industry-level turnover / output at industry-level (4 monthly, 2 quarterly, 9 annual). 2 countries mention finer levels
  SPPIs
- 5812: 2 out of 23 countries calculate industry-level producer prices. Countries without calculation do not mention plans to have one. 1 country mentions finer levels
- 5813: 12 out of 23 countries 10 who publish it. 4 countries mention finer levels Turnover and prices calculations are considered as well aligned in the responding countries.

### Thanks for your attention !

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