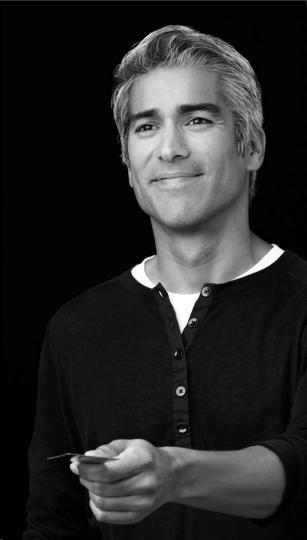
nielsen

GLOBAL CONNECTED COMMERCE

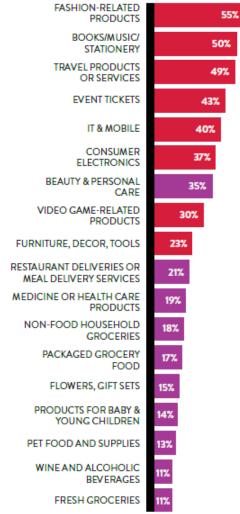
CONSUMER PURCHASING IN TODAY'S DIGITAL ECONOMY

Carlina Johnson, Nielsen New Business Development & Ecommerce Leader April 22, 2016



ONLINE SHOPPING HAS EXPANDED BEYOND DURABLE GOODS, AND SHOWING RAPID GROWTH

Global average: Percentage who have ever purchased the category online



DURABLES CONSUMABLES

vright @2015 The Nielsen Company, Confidential and proprietary,

TOP MOTIVATORS FOR BUYING ONLINE



53%

CONVENIENCE

Reducing time and effort spent shopping



50%

INFORMED DECISION MAKING

Getting information and reviews to help make better choices online & offline



49%

DEAL SEEKING

Finding the best price possible



49%

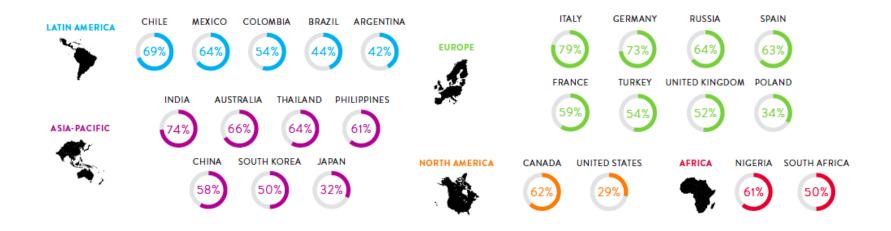
PRODUCT ASSORTMENT

Gaining access to more choices than available locally

ght ©2015 The Nielsen Company, Confidential and proprieta

CONSUMERS ARE BUYING ACROSS BORDERS IN TODAY'S CONNECTED MARKET PLACE

Percentage of online shoppers who said they have purchased from overseas retailer in the past six months



IN TODAY'S RETAIL ENVIRONMENT...



Consumers are increasingly better informed about what and where to buy



It's not about online versus offline retail outlets, but how they compliment each other through the **Omni-channel shopping experience**



Connected Commerce requires local market management and infrastructure to support global growth

ABOUT THE NIELSEN CONNECTED COMMERCE SURVEY

The Nielsen Global Connected Commerce Survey was conducted between August and October 2015 and polled more than 13,000 consumers in 26 countries throughout Asia-Pacific, Europe, Latin America, the Middle East, Africa and North America. The sample for all countries except Saudi Arabia and United Arab Emirates includes Internet users who agreed to participate in this survey and has quotas based on age and sex for each country. It is weighted to be representative of Internet consumers by country. Because the sample is based on those who agreed to participate, no estimates of theoretical sampling error can be calculated. However, a probability sample of equivalent size would have a margin of error of $\pm 0.9\%$ at the global level.

This Nielsen survey is based only on the behavior of respondents with online access. Global and regional averages used in this report are based on weighted country data. Internet penetration rates vary by country. Nielsen uses a minimum reporting standard of 60% Internet penetration or an online population of 10 million for survey inclusion.

In Saudi Arabia and the United Arab Emirates, a face-to-face methodology was used for nearly 1,000 respondents. Given the differences in methodologies used, results from the Middle East are not included in the global average.

COUNTRIES INCLUDED IN THE SURVEY

Country and Internet penetration

ASIA-PACIFIC

China 50% India 30%

SOUTHEAST ASIA AND THE PACIFIC

Australia 93% 91% Japan 43% Philippines 92% South Korea Thailand 56%

LATIN AMFRICA

Argentina 80% 58% Brazil Chile 72% Colombia 59% Mexico 49%

*Note: All countries in the survey used an online methodology except the Middle Eastern countries, which used a face-to-face methodology Source: Internet World Stats, November 30, 2015

FUROPE

Western Europe

84% France Germany 88% Italy 62% Spain 77% U.K. 92% Eastern Europe

Poland 68% Russia 71% Turkey 60%

NORTH AMERICA

Canada 93% U.S. 87%

AFRICA

Nigeria 51% South Africa 48%

MIDDLE EAST*

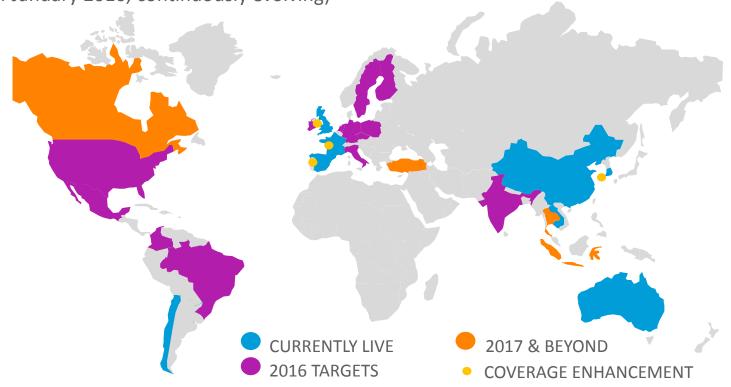
(NOT INCLUDED IN GLOBAL AVERAGE)

Saudi Arabia 67% UAE 96%



NIELSEN CONSUMER GOODS ECOMMERCE MEASUREMENT

Coverage in 8 markets* & cooperation with 100+ retailers today (*as of January 2016, continuously evolving)



ght ©2015 The Nielsen Company, Confidential and proprietary.

ALMOST 150 COOPERATING RETAILERS GLOBALLY

And growing as we gain cooperation

A.Mart	Aeon	AiYingshi	Albert Heijn	Alcampo Online	ALIMERKA	ASDA	Auchan Drive	Books	Boots	Caprabo Super Online
Carrefour Drive	Carrefour Total	Casino Drive	Chronodrive	Coles	Condis Online	Cora Drive	Course U Drive	CVS	Dia Online	Eci Hipercor Online
Eci Online	emart	Eroski Online	Fairway NY	Festival Foods	Fresh & Easy	GADISA	GoHappy	GS isuper	Hepsiburada	Hermanos Martin
Homeplus	Homevv	Indiatimes	Jiffstore	Lazada SE Asia	Le Drive Intermarché	Leclerc Drive	Lijia baby	Lottemart	Lottesuper	Lowes Foods
Mama's goodbaby	Meijer	Mercadona Online	Momo	Muyingzhijia	nsmall	Ocado	ParkNshop	Peapod	Petco	Petsense
Red baby	Rediff Shopping	Rite Aid	Sabeco Online	Safeway	Sainsbury's	Sam's Club	Save&Safe	Sears/Kmart	Shopclues	Superdrug
Takealot South Africa	Tesco	Townessenti als	TUDESPENSA .COM	Ulabox	Waitrose	Wakefern	Walmart Canada	Walmart Mexico	Watsons	Watsons
			Watsons	Wellcome	Wilkinson	Yahoo Taiwan	Yihaodian			

MARKET LAUNCHES DRIVEN BY RETAIL COOPERATION

Cooperation first; Defined universe method

- 1st preference is e-commerce market
- 2nd preference is key account
- 3rd preference is coverage add
- 2 Key account today Netherlands and Turkey with South Africa next

Projection

China first market; Korea now exploring

Consumer data

- US is proof point on consumer sourced data
- UK and India are next 2 key markets to add in additional Consumer data

E-	-commerce Marke	et	Total Coverage			
Country	Total # of Cooperators	# of 2015 Cooperators	Country	Total # of Cooperators	# of 2015 Cooperators	
Spain	15	3	Columbia	15	0	
China	10	2	UK	9	0	
France	9	4	Canada	8	0	
Korea	7	2	Hong Kong	4	0	
Chile	4	0	Australia	1	0	
Turkey	1	1	Brazil	5	0	
Netherlands	1	0	Germany	1	0	
United States	14	1	Total	43	0	
India	10	6				
Swedan	8	0				
Taiwan	7	1				
Thailand	3	2				
Mexico	3	0				
Hungary	2	1				
Singapore	1	1				
South Africa	1	1				
Total	96	25				

MEASURING THE DIGITIZED PATH

n

TO PURCHASE



Overlapping measurement types plus match & model, to enable digital activation

Retail & Consumer Panels



Marketing Effectiveness

Shopper and market performance driven from multiple Nielsen panels and purchase tracking methods

Activating against precise purchase based audience segments, link to Resonance and Reaction



Online & Mobile Behavior

Measuring application & website usage along the Path to Purchase using Nielsen panels and 3rd party data

Innovation and Shelf

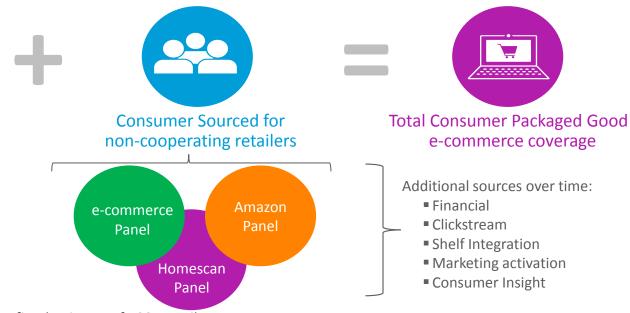
Innovation, product content, assortment and merchandising

Using Point of Sale Data from cooperating retailers and Consumer Sourced data to launch a Total CPG e-commerce view **U.S. INPUTS EXAMPLE**



e-commerce POS retailer data

Ecommerce cooperators across Food, drug, mass, club, pet, and pure play



- Defined universe of 100+ retailers
- Account level release when available (varies by co-op versus non-co-op)
- Category, manufacturer, brand

- Volumetric facts
- Monthly reporting
- Nielsen deliverables

THANK YOU

For more detail on full individual country results from the Connected Commerce study visit http://store.nielsen.com/ecommerce

for general questions on ecommerce measurement or otherwise, contact Carlina.Johnson@nielsen.com