



Webinar series is supported by a grant from the European Union's 3rd Health Programme

Front-of-pack nutrition labelling policies

Thursday 14th November 2019

Agenda

Chair: Johanna Ralston, World Obesity Federation

13:00-13:05 – Welcome Johanna Ralston, World Obesity Federation

13:05-13:10 – Presentation of WOF's recommendations Margot Neveux & Lesly Vejar, World Obesity Federation

13:10-13:25 – Nutri-Score: the French experience in the implementation of front-of-pack labelling
Dr Chantal Julia, Université Paris 13

13:25-13:40 – The UK experience: lessons, opportunities and barriers
Sue Davies, Which?

13:40-13:55 – Mexico and front-of-pack labelling: lessons from an international implementation experience
Ana Munguia, Instituto Nacional de Salud Pública

13:55-14h - Q&A



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Webinar housekeeping

- **☐** You should be muted (please double check)
- ☐ Feel free to ask questions throughout
- ☐ Type any questions in the chat box
- □ Note that the webinar will be recorded



Supported by a grant from the European Union's 3rd Health Programme

Policy dossiers

The dossiers were launched in 2018. They provide a summary of evidence and resources to help policymakers, NGOs and others when seeking to implement a policy in their country.

You can access all of our dossiers here: https://www.worldobesity.org/resources/policy-dossiers





SSS TAX



Digital Marketing

DIGITAL MARKETING



School-Based Interventions

SCHOOL-BASED INTERVENTIONS



City-Level Interventions

CITY-LEVEL INTERVENTIONS



Pregnancy & Obesity

PREGNANCY & OBESIT



Childhood Obesity Treatment

CHILDHOOD OBESITY TREATHEN



Front-of-Pack Nutrition Labelling

CONT-OP-PACK NUTRITION LABELLING



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Implementing Front-of-pack nutrition labelling regulations: Considerations for European policymakers

Margot Neveux mneveux@worldobesity.org

Lesly Vejar Renteria Irenteria@worldobesity.org



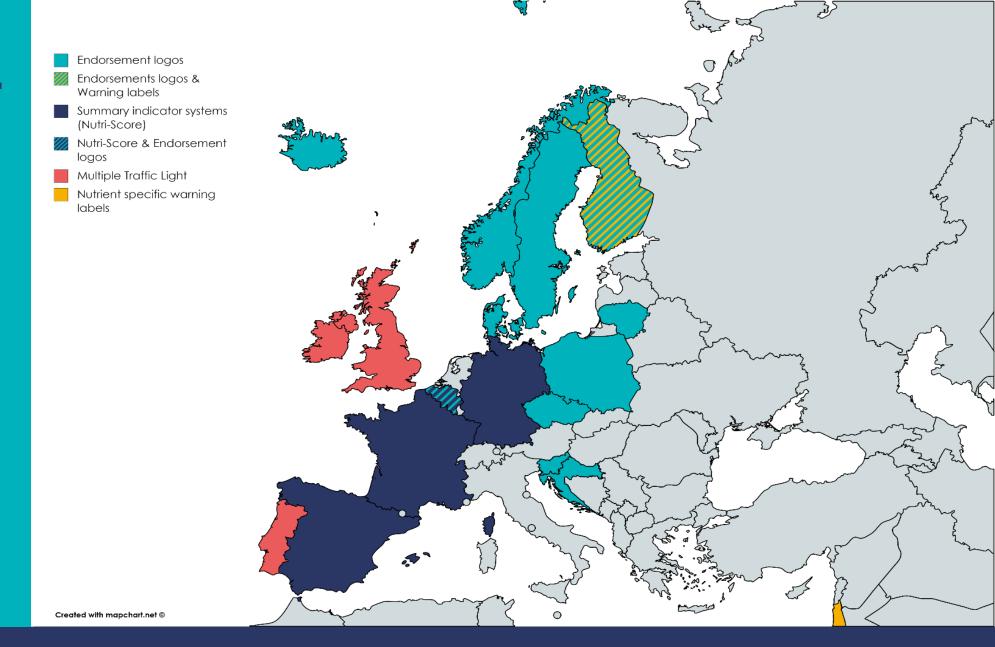
Front-of-pack nutrition labelling (FOPL)

Food labelling is "any written, printed or graphic matter that is present on the label, accompanies the food, or is displayed near the food, including that for the purpose of promoting its sale or disposal."

Source: Food and Agricultural Organization. Food labelling.



Governmentendorsed FOPL across the EU



Source: World Obesity Federation.



Examples of front-of-pack nutrition labels

Examples of endorsement logos

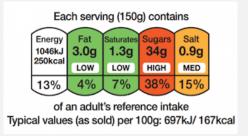








Example of a nutrient-specific interpretive system



Examples of warning labels









Examples of graded summary indicators





Considerations for the development of FOPL nutrition policies across the EU

- >Consider the context
- > Develop or adapt a nutrient profiling model
- **≻**Adopt a standardised FOPL
- **➤**Use the best available evidence of efficacy
- Engage stakeholders, but safeguard processes from conflicts of interest
- Dissemination and education of FOPL
- > Develop monitoring and evaluation frameworks
- >Use FOPL as part of a comprehensive policy portfolio

Thank you!

Lesly Vejar Irenteria@worldobesity.org

Margot Neveux mneveux@worldobesity.org









Nutri-Score: history and implementation

Dr. Chantal Julia

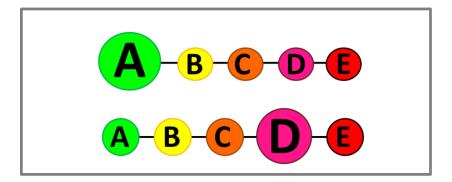
Département de Santé Publique, Hôpitaux Paris Seine-Saint-Denis, AP-HP, Bobigny

Equipe de Recherche en Epidémiologie Nutritionnelle (EREN), Université Paris 13, Inserm, INRA, CNAM

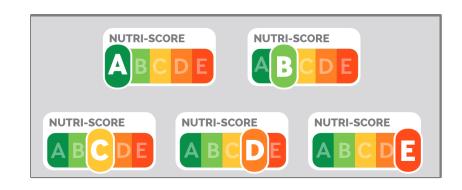


FOPL proposal

- Based on scientific literature
 - Summary labels > nutrient-based labels
 - In particular for vulnerable populations
 - Affixed on all foods > Affixed on a fraction of foods
 - Colour-coded schemes > numerical information
 - Use of 'semantic' colours
- → Development of a graded coloured summary label

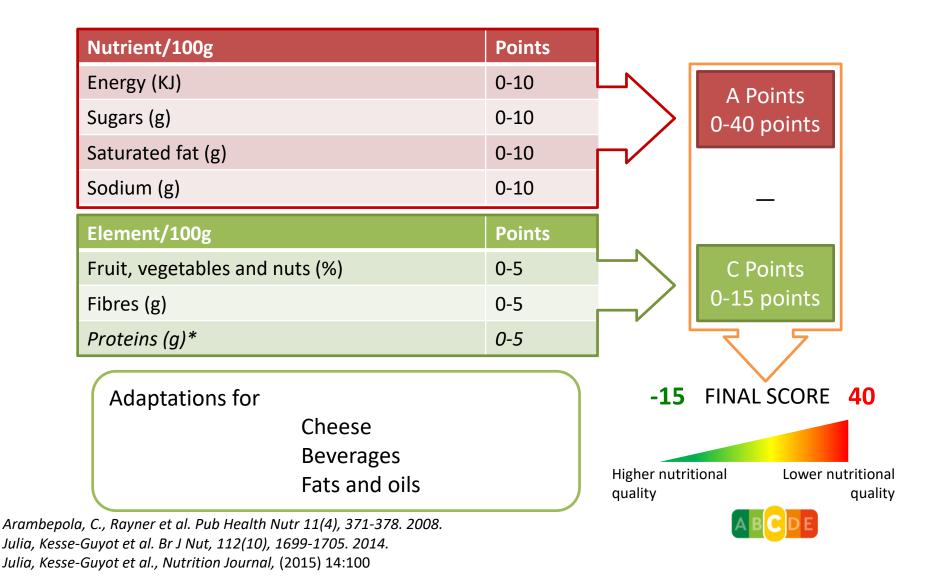








Nutrient profiling system: FSA/ofcom score







Decree

Health Law project Vote of the Health Law

Notification to the EU Signature of Nutri-Score charters Registration as a brand



Signature of the decree 31 October

Concertation process
4 alternatives proposed

Steering committee of 'large scale trial'

Report steering committee 'large scale trial'

April

2014 2015

2016 an July **2017** Oct

2018

S Hercberg report

ANSES tech report – FSA score HCSP report – Nutri-Score ANSES tech report – Nutri-Score/SENS

Large Scale trial

RAPPORT

Propositions pour un nouvel élan de la politique outritionnelle française de santé publique donn le costre de la tarotigie Matinoche de Sunté

> lèce Partie : esures concernant la Prévention nutritionnelle

Appeal Indiana.

Per Sergo Mendere.

Per Grape Mendere.

Per di Annie Menge.

Per di Annie Menge.

Per di Annie Menge.

Per di Annie Mengel.

Per di Annie

len Aran de Bortlandsk fills plantedr Aranias Detroiters. Besambe Aust Sie January (1960) felden, sitz af Arania fill pyt



Experimental economy study

>30 scientific publications of validation studies by independent academic groups

- Nutrient profiling system
- Graphical format



Comparative studies

- Alternatives proposed during the concertation process
- Graphical formats compared
 - Nutriscore
 - SENS
 - MTL
 - Modified Reference Intakes
 - Control : no label
- Modification of purchasing behavior
 - Overall nutritional quality of the items in the shopping cart (FSA score)
- Types of studies
 - Large scale experimentation
 - Experimental economy

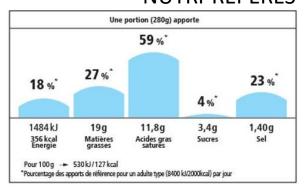




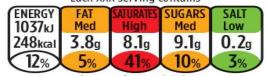




NUTRI-REPERES



MTL='Nutri-Couleurs



of your reference intake Typical energy values per 100g: 2058kJ/498kcal



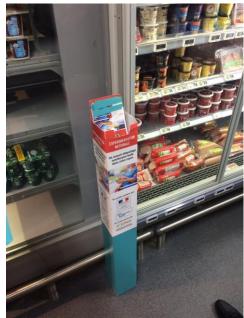


Large scale experimentation

- 60 supermarkets
 - 10 for each label
 - 20 controls
- 4 regions
- 10 weeks
- Intervention
 - Limited to 4 shelves
 - Fresh deli
 - Bread
 - Pastries
 - Canned prepared meals
 - Voluntary
 - Between 63% et 86% of labeled products
- Data collected: receipts











Large scale experimentation

 Improvement of the shopping cart



- Sub-group analysis
 - Nutri-Score: Higher impact in subjects buying discount brands
 - Nutri-Score: No deterioration of the nutritional quality of the shopping cart in any subgroup









Intervention in controlled setting

- Controlled and reproducible experimental food store of 290 foods
- 691 participants
- Constitution of a shopping cart before and after exposure to a label

Results

- The Nutri-Score is associated with the highest improvement
- Nutri-Score performs best in households with lower incomes

	Nutritional quality	
	Overall	<2000€/m
ABCDE	+9,3%	+9,4%
Co produit cestiset X performs de XX g Uses perform vens apporte Comparison Co	+6,6%	+6,5%
Each XXI serving contains [NBROY 1 And Subset SUCARS SANT 1037s; And Subset SUCARS SANT 104 Subset SUCARS SANT 104 Subset Subse	+4,8%	+3,6%
SOUVENT	+3,6%	+2,1%
The parties (Ref.) agents 18 a' 27 a' 23 a'	+2,9%	+2,2%
Control	-0,2%	-0,2%



Industry: from opposition to support

2014 Opposition

2017 Early Adopters

2018 Wider support

2019 Nutri-Score as a standard

N=6

Retailers: Intermarché,

Auchan, Leclerc

Manufacturers: Danone,

Mc Cain, Fleury-Michon

N=85









Siracuse



GUICHARD PERRACHON











Carrefour

N≈200



Wide population support



Overall notoriety



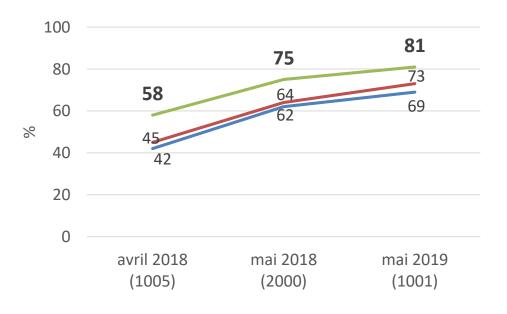
Have heard about the Nutri-Score

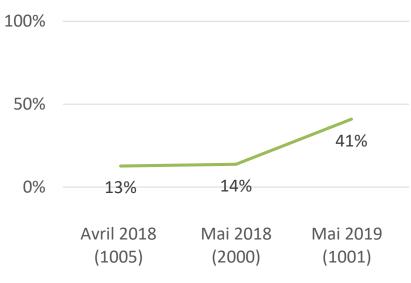


Have seen the Nutri-Score



Purchases of products displaying the Nutri-Score (self-report)







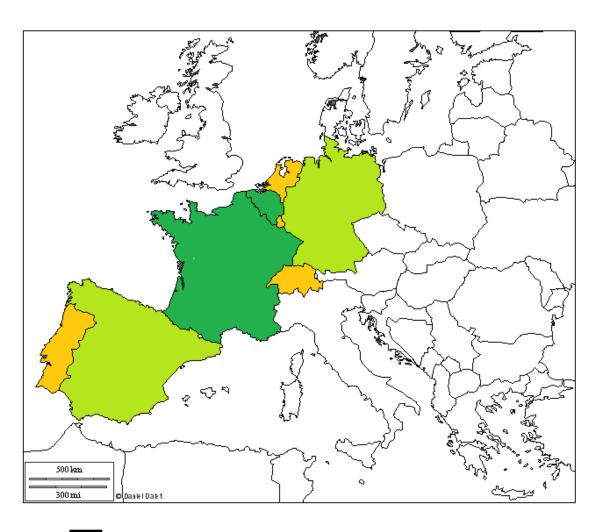
Nutri-Score as official FOPL

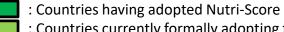
- Signature on Oct 2017
- On Jul 2019
 - N≈200 brands registered
 - 25% market share
 - Large and small brands
- Reformulation strategies based on the Nutri-Score





Dissemination in the EU





: Countries currently formally adopting the Nutri-Score

: Countries considering the Nutri-Score







Thank you















Review of the studies performed on 5-CNL and Nutri-Score Published in Dec 15th, 2017

REVIEW

Development of a new front-of-pack nutrition label in France: the fivecolour Nutri-Score

Chantal Julia^{1,2}, Serge Hercberg^{1,2}

Corresponding author: Chantal Julia (email: c.julia@eren.smbh.univ-paris13.fr)

http://www.euro.who.int/en/publications/public-health-panorama/journal-issues/volume-3,-issue-4,-december-2017/review3

Complete list of publications available at

https://solidarites-sante.gouv.fr/prevention-en-sante/preserver-sa-sante/nutrition/article/articles-scientifiques-et-documents-publies-relatifs-au-nutri-score

¹ Paris 13 University, Nutritional Epidemiology Research Team, Centre for Epidemiology and Biostatistics Sorbonne-Paris-Cité (CRESS), Bobigny, France

² Public Health Department, Avicenne Hospital (AP-HP), Bobigny, France



Front of pack nutrition labelling

The UK experience: Lessons, opportunities and barriers

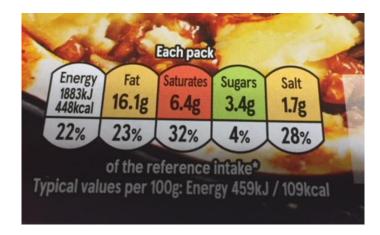
Sue Davies

Head of consumer protection and food policy



The origins of traffic light nutrition labelling

- 2004 Which? and other public interest groups called for a scheme.
- Many products carried voluntary nutrition labelling on the back of pack, but this was not always used and was not easy to interpret.
- Traffic light nutrition labelling was shown to be most useful to consumers in testing by Which? and by the Food Standards Agency in 2005/6.
- A breakdown of nutrients was important for people.





House of Commons Health Committee

Obesity

Third Report of Session 2003–04

Volume I

Report, together with formal minutes

Ordered by The House of Commons to be printed 10 May 2004

HEALTHY SIGNS?

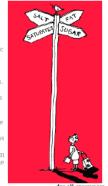
No. 2006

CAMPAIGN REPORT

Which

It can be difficult to work out how much fat, sugar and salt different foods contain – but these are the nutrients that are of most public health significance given high death rates from cancer and heart disease and rising rates of obesity. Many of us shop in a hurry and don't have time to examine the nutrition information panel in much detail. And with greater reliance on processed foods it can be difficult to tell easily which

it can be difficul products are healthier and which aren't. New Which? research confirms that multiple traffic light labelling is the most useful system for consumers. Retailers and manufacturers must adopt this labelling scheme on the pack as well as full nutrition information on the back of the pack.





A period of different formats and rival schemes

- Some retailers committed to using the scheme voluntarily.
- Some did and then changed their mind.
- Others, including many of the main manufacturers, developed a rival scheme (based on Guideline Daily Amounts).
- Some used a hybrid of both schemes.
- Different presentations emerged.





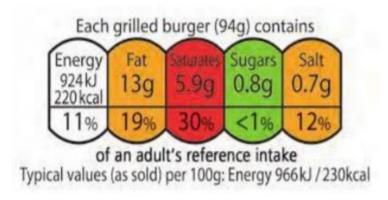
The debate shifted to EU level

- 2008: Focus on EU Review of Food Information to Consumers Regulations (FIRs) BEUC, the European Consumer Organisation calls for mandatory EU-wide traffic lights
- 2009: FSA independent evaluation of the schemes confirms traffic lights work best
- 2011: FIRs are adopted setting minimum requirements and allowing for national schemes that can include "additional voluntary forms of expression"
- 2012: UK Government consults on a voluntary national scheme UK retailers commit, along with several large manufacturers.
- 2012-13: Department of Health consults on common criteria
- 2013: National scheme launched and more manufacturers commit to use it



The current UK scheme

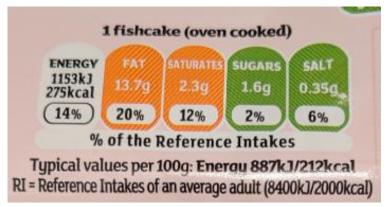
- **Traffic light colour coding** (red/ amber/ green) indicates whether levels of calories, fat, saturated fat, sugars and salt are high/ medium or low (based on per 100g, but with additional criteria to deal with larger portion sizes)
- Amount per portion of the nutrients (calories, fat, saturated fat, sugars and salt)
- % reference intake (RI) showing how the amount per portion relates to the recommended reference intake).





Some flexibility of presentation















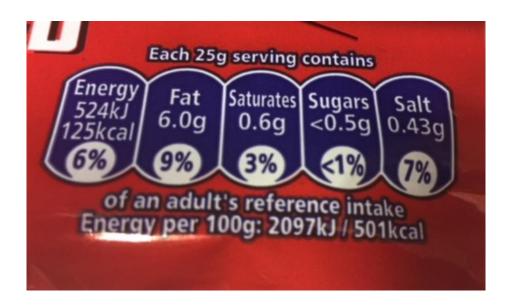


Guide to creating a front of pack (FoP) nutrition label for pre-packed products sold through retail outlets

Updated November 2016

Some manufacturers still do not use it

This includes major manufacturers such as Unilever and Mondelez.





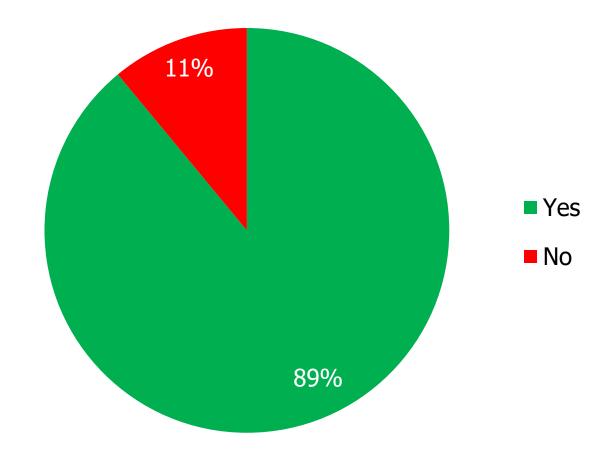


Where we are now

- Over two-thirds of products carry traffic lights in the UK.
- Other schemes have emerged eg. nutriscore.
- A greater focus on free sugars.
- Potentially a national review of labelling as the UK leaves the EU.
- Which? conducted new consumer research in December 2018
- A sample of 2385 over 18s in the UK were interviewed online between 10th 11th December 2018. The data has been weighted to be representative.

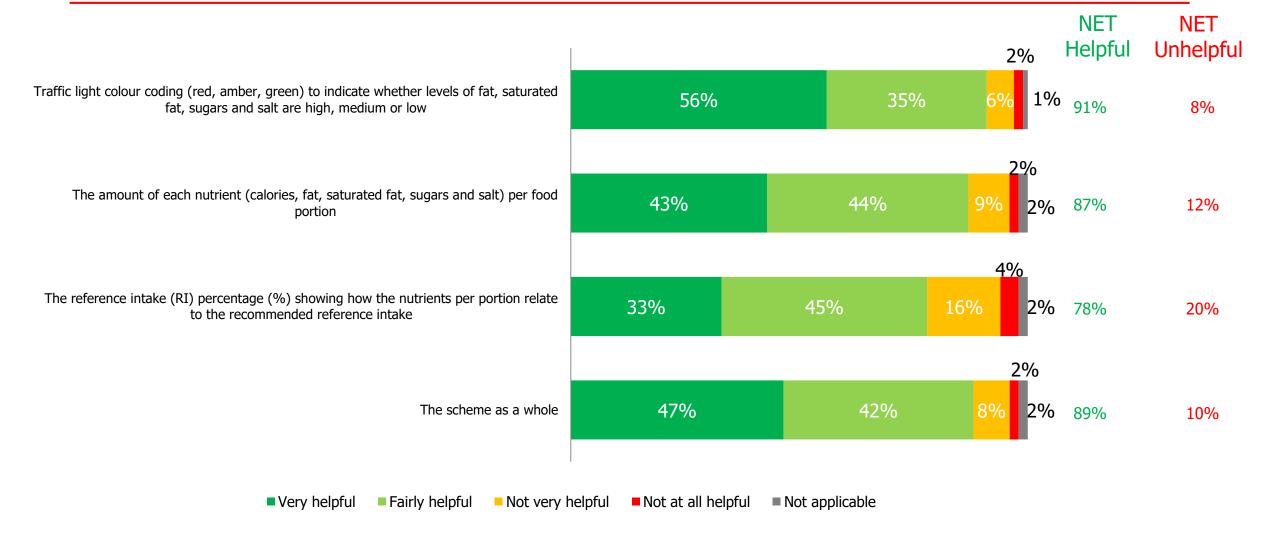


Awareness of the traffic light scheme is high amongst consumers, with the majority (89%) aware of it



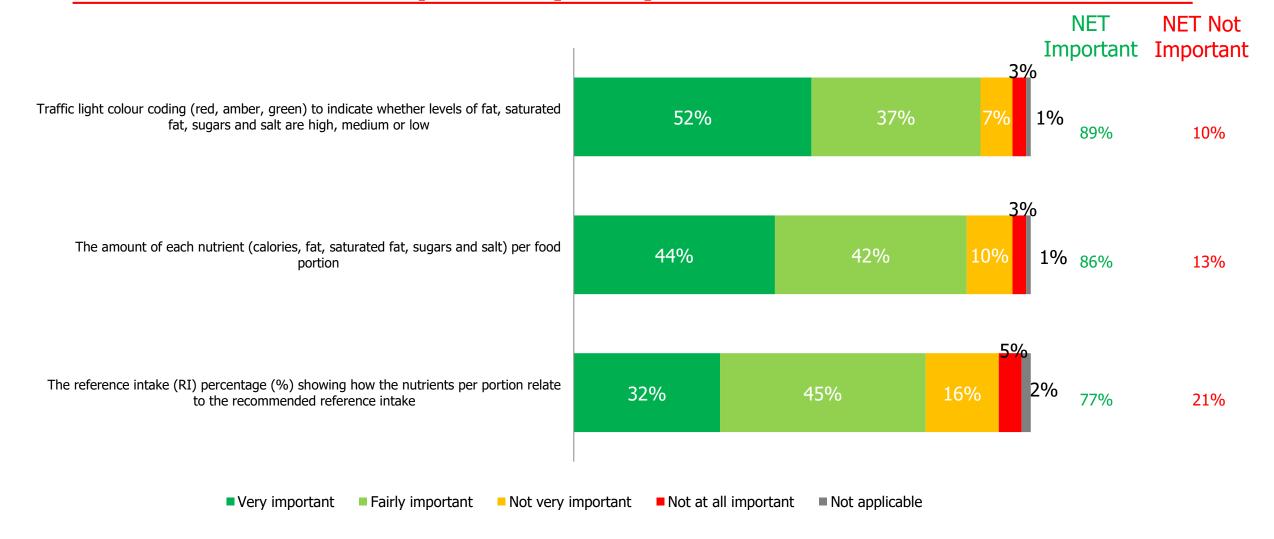


The majority of consumers (89%) find the traffic light scheme helpful

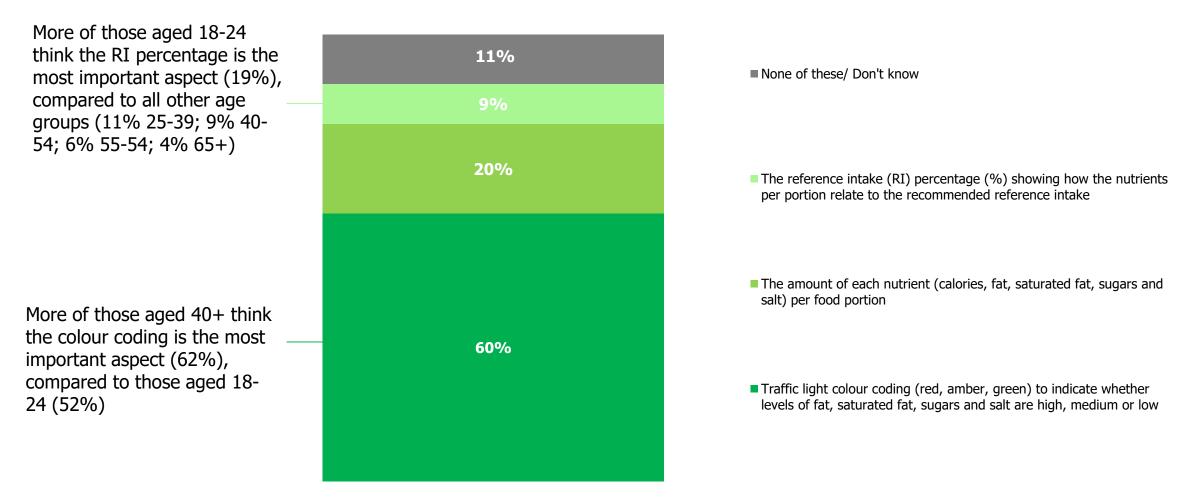




Colour coding is also the aspect the largest proportion of consumers think is important (89%)



3 in 5 (60%) think the colour coding is the most important aspect



Q. How important, if at all, are the following parts of the traffic light scheme in helping you understand more about the nutritional content of food that is on sale?, and Q4. You said that the following are important to you. Which one do you think is most important?

NET of which aspect respondents feel is more important.

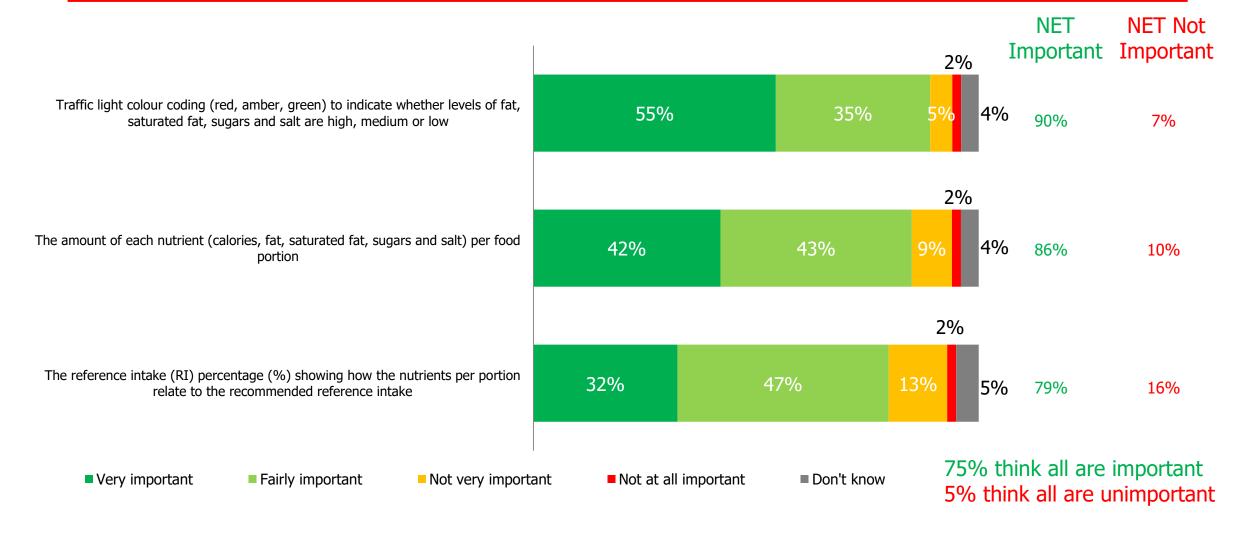
Base: All respondents (2385)

14 November 2019

All aspects of the traffic light scheme were seen by the majority of consumers to be important to help other people understand more







Q. How important, if at all, do you think the following parts of the traffic light scheme are to help other people understand more about the nutritional content of food that is on sale? Base: All respondents (2385)

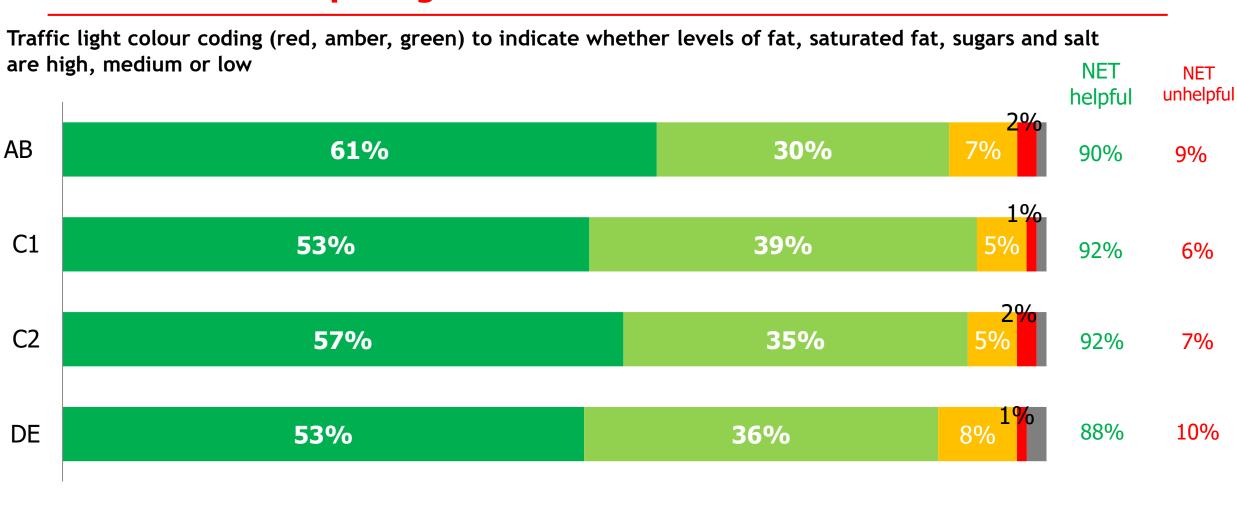
There was no difference by social grade in responses to how

Farily helpful

Not very helpful



helpful different parts of the traffic light scheme were in understanding the nutritional content of packaged food



■ Not at all helpful

■ Not applicable

Base: 2385

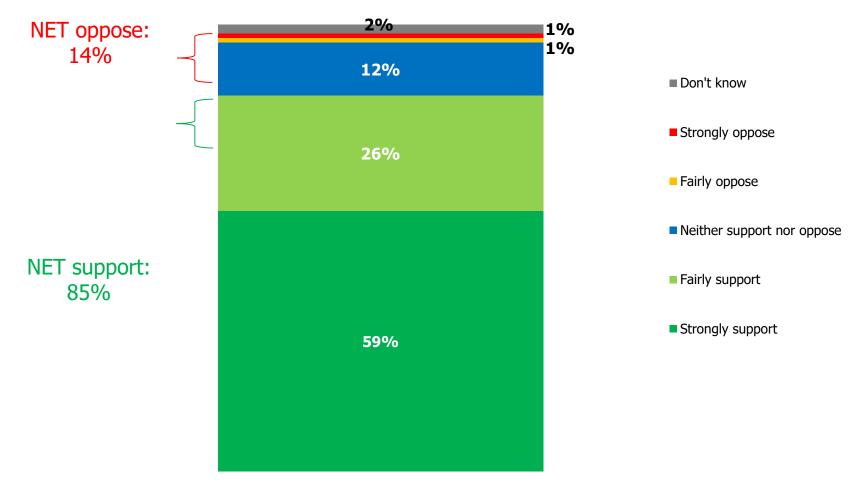
AB: 731, C1: 628, C2: 404, DE: 622

Very helpful

More than 4 in 5 (85%) would support all manufacturers (including





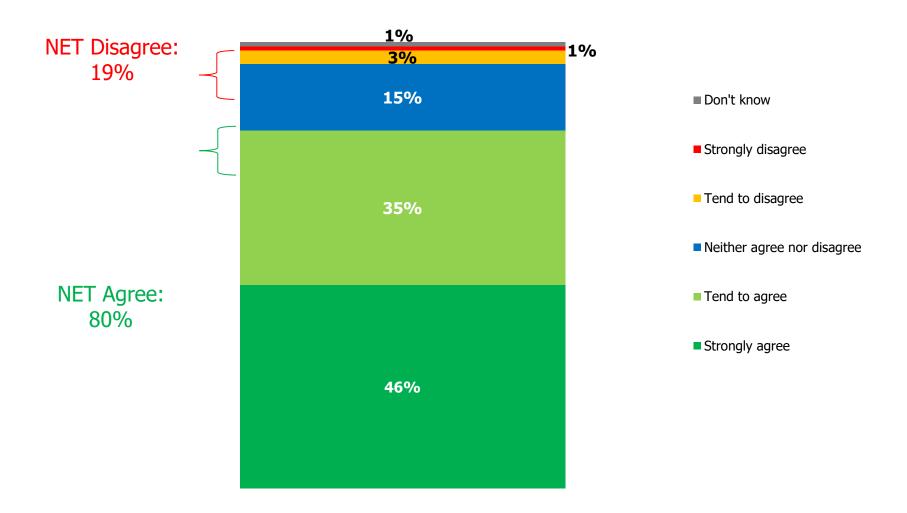


Q6. To what extent would you support or oppose all manufacturers (including supermarkets manufacturing own-brand products) being required to put traffic light labelling on their food?

Base: All respondents (2385)



4 in 5 (80%) agree traffic light labelling should look the same on all food products





3 in 5 (60%) would prefer to see traffic light labelling than a Nutri-Score on the front of packaging

60%

Each serving (150g) contains

Energy 1046kJ 250kcal	3.0g	Saturates 1.3g	Sugars 34g	Salt 0.9g
250KCai	LOW	LOW	HIGH	MED
13%	4%	7%	38%	15%

of an adult's reference intake
Typical values (as sold) per 100g: 697kJ/167kcal

The current **traffic light label** with a breakdown of the levels of fat, saturated fat, sugar and salt, often along with calories (and no 'Nutri-score' label)

10%



The 'Nutri-score' label with one overall 'healthiness score (and no breakdown of fat, salt, sugar and calories on the front)

31%

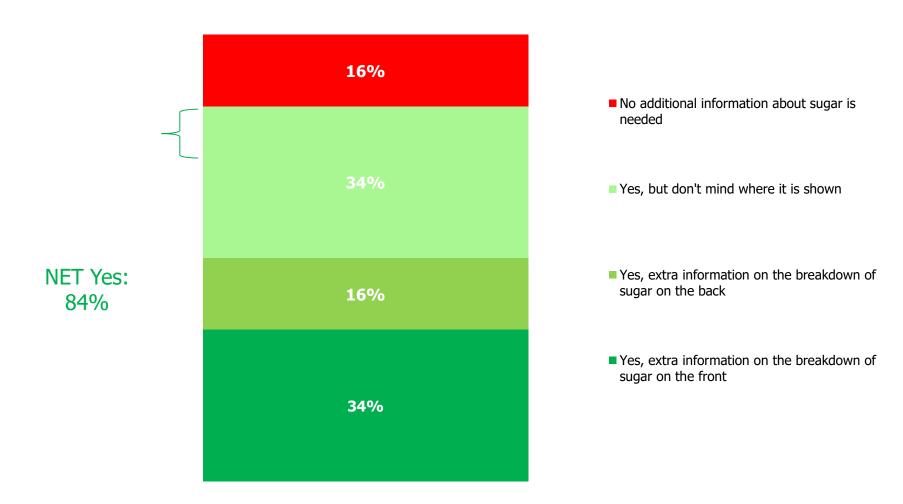




'I would prefer food labels to show **both** a breakdown of how high the fat, sugar or salt is in a product, as well as how healthy the overall product is



4 in 5 (84%) want to see additional information on added sugar on packaging



Q. Would you like to see food labels provide extra information on sugar, breaking down the proportion that occurs naturally and the proportion which has been added?

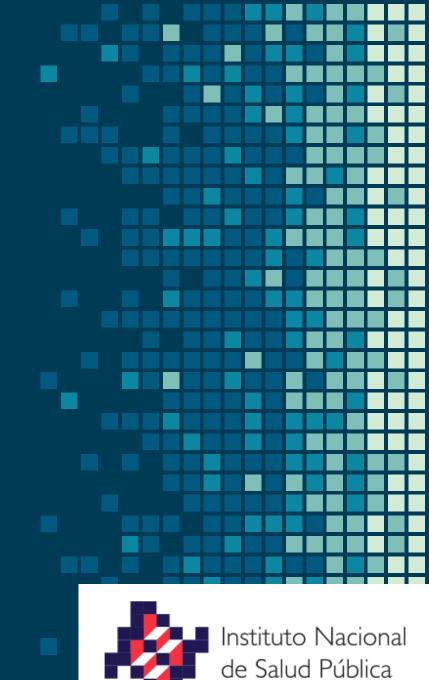
Base: All respondents (2385)



Conclusion

- The evidence from our latest research has confirmed:
 - Consumer preference for traffic light nutrition labelling
 - Potential to make presentation of the scheme more consistent
 - The value of including added sugars on the label not necessarily on the front
- Traffic light nutrition labelling should therefore become mandatory.

Mexico and FOPL: Translation of experiences and lessons to inform the development of European policies Ana Munguía MPH



EPIDEMIOLOGICAL EMERGENCY DECLARED IN MEXICO

-Obesity

Children: 33.25%

Adolescents: 36.35%

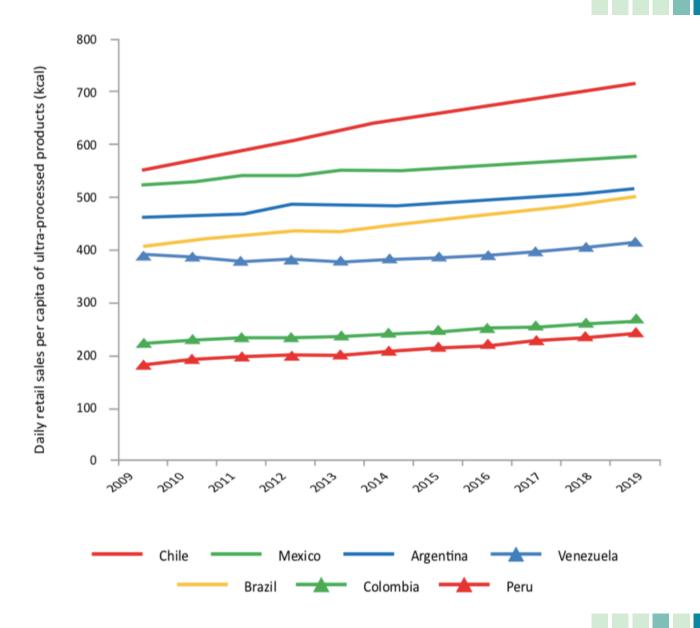
Adults: 72.5%

-Diabetes 9.4%



Average daily retail sales per capita of ultraprocessed products

2009-2014 and projections for 2015- 2019 per country



FOPL SYSTEMS IN LATIN AMERICA

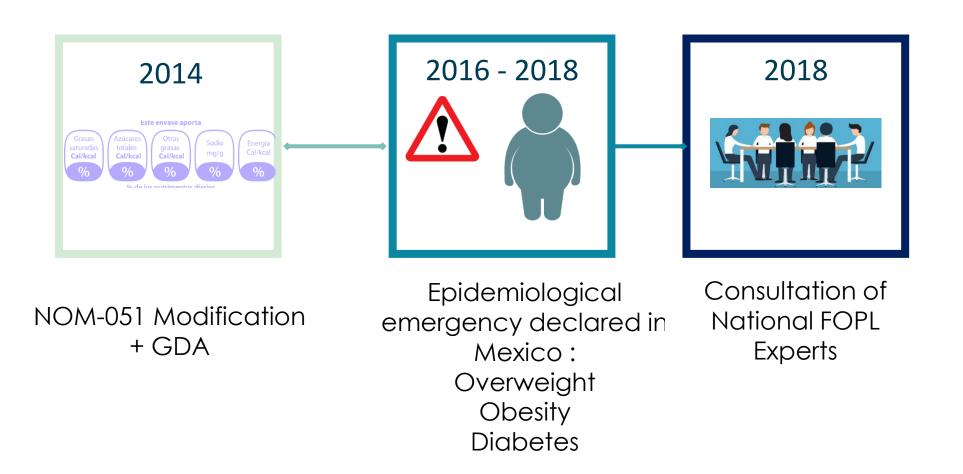


Guideline Daily Amounts GDA

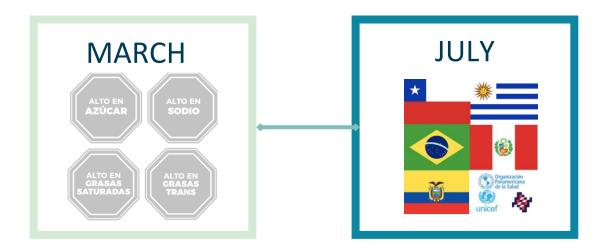
- The 44.5% of Mexicans consider that it is not understandable
- It is necessary to perform mathematical operations
- 12.5% of dieticians could interpret GDA, it took 3.34 minutes to interpret
 it
- The 76.3% of Mexicans do not know how many calories they need to consume per day, 81.5% do not know how many calories a healthy child should consume.
- It was not designed by health experts.



TIMELINE

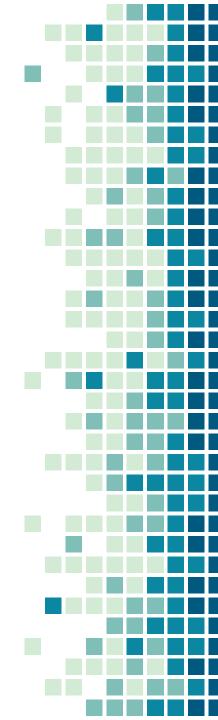


TIMELINE 2019



Technical group
Preliminary project of
NOM-051

Meeting of
"Regional experiences of
nutritional warning labeling
implementation against
industry interference"



NUTRISCORE FOR MEXICANS

- Mexican population does not rate with letters
- According to a study with Mexican population, it is confused with vitamins.
- Products that are high in critical nutrients can improve their score by adding fiber or vitamins
- It is an ideal tool to evaluate healthy foods

Need to consider:

- Epidemiological emergency declared in Mexico
- The 41.9% of mexicans live in poverty
- Middle school is the highest education level
- The 6.5% of mexicans are indigenous



Understanding and use of food labeling systems among Whites and Latinos in the United States and among Mexicans: results from the International Food Policy Study, 2017



"EXCESS" LEGEND

- The original Chilean proposal used EXCESS
- "EXCESS" has the greatest association with an unhealthy product and is considered the best term to communicate the message to the population.
- "High in" can generate positive associations; it is frequently used in health and nutritional claims: high in protein, high in vitamins.



Mexican Warning Labeling System Proposal

- Warning labels are the best understood system for this population and the interpretation time is shorter.
- It is based on the criteria used by the PAHO nutrient profile, with adaptations from the Chilean System and WHO recommendations.
- Use "EXCESS" because it is considered the best term to communicate the message to the population.
- Calories and 4 critical nutrients, 2 warnings to protect children (caffeine and noncaloric sweeteners)
- Uses criteria for solid foods (100g) and liquids (100mL), a new definition of excess calories in liquids.

Mexican nutrient profile model

	Energy	Sugars	Saturated fatty acids	Trans fatty acids	Sodium
Solid foods per 100g Liquids per 100ml	≥275 calories ≥70 of total energy or ≥8 calories from free sugars	≥ 10% of total energy from free sugars	≥ 10% of total energy from saturated fat	≥1% of total energy from trans fat	≥ 1mg of sodium per 1 kcal or ≥300mg Non-caloric beverage: ≥ 45mg
Warning legend to be used	EXCESS CALORIES	EXCESS SUGAR	EXCESS SATURATED FATS	EXCESS TRANS FATS	EXCESS SODIUM

Mexican Warning Labeling System













CONTIENE CAFEÍNA EVITAR EN NIÑOS













TIMELINE 2019



General Health law approval Health Commission Chamber of Deputies NOM-051 Working group

General Health law approval Full Chamber of Deputies

TIMELINE 2019



Consultative committee of NOM-051 vote: Project of NOM-051 approval

Public consultation of NOM-051Project began

General Health law approval Health Commission Senate

October 22nd General Health law approval at full Senate



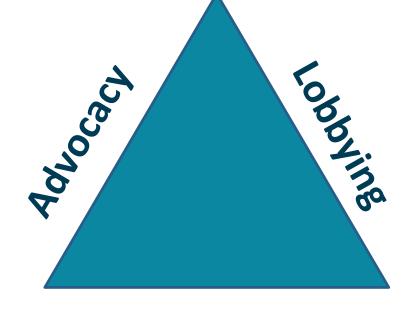
NOM 051 Public consultation still ongoing

partnership

















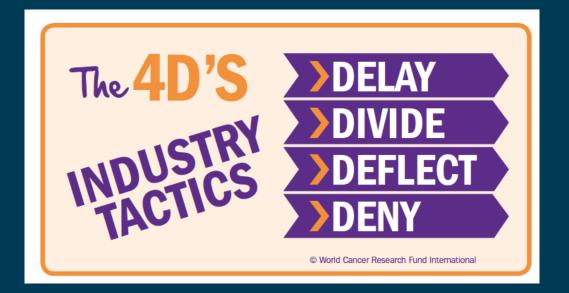




Public sector



FOOD INDUSTRY INTERFERENCE



Colocaría a la sardina a nivel de sopa instantánea

Opacaría nutrientes nuevo etiquetado

El etiquetado frontal de los alimentos y bebidas ultraprocesados que se promueve en México es "incorrecto", no por los sellos de advertencia, sino por el cálculo con el que se determinará qué producto llevará estas alertas, señaló la Asociación Latinoamericana de Ciencia y Tecnología de Alimentos (ALACCTA).

Un retroceso, el nuevo etiquetado de advertencia en productos: Conmexico

Ven inconsistencias en nueva ley de etiquetado en alimentos

La Cámara de la Industria Alimenticia de Jalisco sugiere que Gobierno e industria desarrollen un etiqueta funcional antes que adoptar el modelo chileno

ALIMENTOS Y BEBIDAS

Industria láctea en peligro por nuevo etiquetado

El sector explica que los productos son a veces altos en grasa por naturaleza, por lo que en su etiquetado serían candidatos al sello de advertencia, equiparándolos a alimentos o bebidas más dañinos.

Nuevo etiquetado de alimentos impactaría el clima de negocios: ConMéxico

ConMéxico, que representa a empresas como Bimbo, Coca-Cola Femsa, Kellogg's y otras, admite que el actual etiquetado frontal de alimentos y bebidas debe ser más claro en cuanto a las porciones, sin embargo, la solución no es un esquema de sellos de advertencia.

RECOMMENDATIONS

- Use national and international evidence
- Develop technical groups
- Record the process
- Strategic partnerships: NGOS, academy, public sector, international organizations
- Food industry interference: expose their tactics, lobbying and political pressure, defend with scientific evidence.
- Encourage participation among citizens
- Spread information for policy makers and civil society: policy briefs, videos, infographics, public conferences, forumus, seminars and social media campaigns.





¿PARA QUIÉN ES ÚTIL **EL ETIQUETADO CLARO?**

PARA TODA LA POBLACIÓN: NIÑOS. NIÑAS. ADOLESCENTES, ADULTOS Y ADULTOS MAYORES

EL ETIQUETADO CLARO ES TAN EFICIENTE QUE AYUDA A:











Si quieres saber exactamente las calorías,

azúcares, grasas, sal y otros nutrimentos

podrás revisar la información nutrimental

27 de agosto 2019. Disponible en: https://youtu.be/Sz9c3YCvvKo | 3.Comité una mejor salud. Sistema de etiquetado frontal de alimentos y bebidas para

INSP

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Tomar decisiones saludables rápidamente

¿QUÉ OTRA INFORMACIÓN MOSTRARÁN LOS PRODUCTOS EMPAQUETADOS?

Por ley se debe mantener la información nutrimental y la lista de ingredientes en la parte posterior, independientemente del etiquetado frontal.



ETIQUETADO CLARO PARA TRATAR LA OBESIDAD SERIAMENTE

En Chile, Uruguay y Perú se ha adoptado un etiquetado claro con octágonos frontales para combatir la obesidad. Este etiquetado ermite identificar fácilmente cuando un producto no es saludable.

EN PERÚ, SE REALIZÓ UNA ENCUESTA PARA CONOCER LA INTENCIÓN DE COMPRA DE LOS HOGARES UNA VEZ IMPLEMENTADO EL ETIQUETADO.





1 DE CADA 2 HOGARES

7 DE CADA 10 HOGARES

Redujeron o reemplazaron el consumo de productos

1 DE CADA 3 HOGARES

Aumentó su consumo de productos naturales

Este etiquetado es el único en el mundo que es entendido incluso por niños y que desincentiva el consumo de productos no salud<u>ables.</u>



Urge adoptarlo en México, donde 1 de cada 3 niños enfermedades relacionadas al consumo de productos

1. Oie R. 7 de cada 10 hogares cambian sus hábitos de consumo. Kantar World Panel. 2019. | 2. CINyS INSP ¡La evidencia es clara! Los octágonos frontales funcionan. [Video File] 27 de agosto 2019. Disponible en: https://youtu.be/Sz9c3YCyyKo. | 3. Cuevas et al. Estado de nutrición escolares y adolescentes; Barouera et al. Estado de nutrición adultos en ENSANUT MC 2016. Informe final de resultados México: 2016.





UN ETIQUETADO CLARO PROMUEVE LA REFORMULACIÓN DE PRODUCTOS

En 2016, en Chile se implementó un etiquetado frontal en el que los productos con exceso de ingredientes que dañan la salud llevan uno o más octágonos frontales.

Esta medida promueve que la industria alimentaria reformule sus productos para que no presenten sellos o presenten menos.

En Chile, antes de la implementación del etiquetado, se evaluó el contenido nutricional de productos empaquetados disponibles en supermercados para conocer si los productos habían sido reformulados



Se encontró que diversos productos disminuyeron la cantidad de sodio, azucares, grasas saturadas y calorías que contienen antes de que se volviera obligatorio el etiquetado.

Algunos de los productos que más disminuyeron la cantidad de ingredientes dañinos fueron:



Pescado marinado congelado, té listo para bebei y malvaviscos



Carnes

marinadas

congeladas,

quesos y

nuggets

GRASAS **SATURADAS**

Pan para hamburguesas. pan para hot-dog y papas fritas



CALORÍAS

Gelatina, té listo para beber, y

Fuente: Kanter et al. Anticipatory effects of the implementation of the Chilean Law of Food Labeling and Advertising on food and beverage product reformula-









VOTAR SÍ por un

#EtiquetadoClaroYa!

Es elegir ponerse del lado de la salud de los mexicanos.

iConfiamos en los Senadores para defender nuestros derechos!



¿CUÁL ES EL MEJOR ETIQUETADO DE ALIMENTOS Y BEBIDAS PARA LA POBLACIÓN MEXICANA?

QUE EL CONSUMIDOR POSEE PARA TOMAR SUS DECISIONES ALIMENTARIAS





No distingue entre azúcares añadidos y azúcares naturales















1. Comité de expertos académicos nacionales del etiquetado frontal de alimentos y bebidas no alcohólicas para una mejor salud. Sistema de etiquetado frontal de alimentos y bebidas México: una estratoria para la toma de decisiones saludables. Salud Publica Mex. 2018;60:479-486. 2. Nestle M. Public Health Implications of Front-of-Package Labels. Am J Public Health 2018: 3:320 3. Arrua et al. Impact of front-of-pack nutrition information and label design on children':s of e of two snack foods: Comparison of warnings and the traffic-light syst Annatra 2017-116-120-146 & OPS/DMS Avanza al atiquataly frontal an lee Americae Weshanton D.C. 2017

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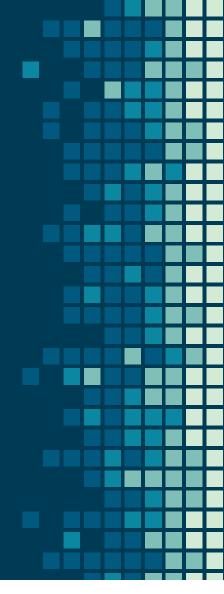
THANKS!

Any questions?

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Questions?

Email mneveux@worldobesity.org after the webinar with any comments or further questions for our speakers.

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