

Looking Into the Future: Opportunities for New Zealand

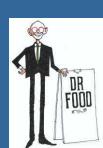
Imperial College London

Dr. David Hughes

Emeritus Professor of Food Marketing

Natural Products NZ Summit 2016 The Rutherford Hotel, Nelson **Thursday, March 17**th, **2016**

@profdavidhughes www.supermarketsinyourpocket.com www.drfood.ca



Australia's Woolworths sees 33% fall in profits February 26th, 2016

3 7 hours ago Business

Aldi





(schadenfreude is never pretty!)

really sorry

Australia's biggest supermarket chain Woolworths has posted a 33.1% fall in profits for the six months to December.

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It's been a little uncomfortable for the UK "Big Boys" and we're all very sorry for them, too!







Squeezed between hard discounters and premium retail and cannibalizing Their Own Flagship Big Sheds!

Waitrose

Tough Trucking in Many Grocery Retailing Sectors

- Aldi/Lidl continue to increase grocery market share
- Dollar (£) stores nibbling away compounds problems
- "Non-Grocers" enter grocery Boots UK, Shoppers
 Drug Mart Canada, Costco thrives, & aaaagh Amazon!
- Big fmcg goes direct to consumers
- Artisans make direct connections with consumers
- Food service strikes back with home delivery
- Big Box store volumes squeezed by strong growth in convenience stores and on-line grocery shopping
- Convenience store sector consolidating
- Slow economic growth and low inflation

















easyFoodstore N. London: I'm 126th in Q with 1 hour wait to enter. Equal mix press, voyeurs (Inc. me) & poor people.

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The Online Shopper Profile

Individuals **Businesses** 6.4% Top business customers 2.6x more likely **Online** to be a new Shopping family Customers Most likely 25-44 years old **Offices** Schools **Child Care** More likely to be premium than 93.6% budget shoppers

Source: McCrindle Research Survey, July 2014; Market Blueprint (electronic spend) data with 34% cash adjustment for offline spend provided by Quantium; Woolworths Online Shopper Profile & Database; and future projections from Professor Jan Recker, QUT.









Routine but Important Purchases:

- water
- pet food
- detergents and household cleaners
- paper goods

Household Inventory Managed by Consortium of Key Suppliers



INTRODUCING

amazon pantry

Everyday Essentials in Everyday Sizes



Good Morning Themed Box

> Shop now



Monks Delivered Via Amazon as Role of Japanese Temples Fade





Want a Monk for a Wedding, Special Occasion?

Or We Could Do You a Couple of Attractive Herdsmen?

Amazon, eBay and ShopClues see cow dung patties selling like hot cakes

Do Export opportunities Beckon?!







AND DELICIOUS RECIPES DELIVERED TO YOUR DOOR. SIMPLE, HEALTHY, DELICIOUS.

MY FAMILY FOODBAG

Family favourites that'll please the fussiest eaters. Quick, healthy and yummy recipes for you and your little ones.

5 recipes every week
5 meals for 2 adults and 2 to 3
children
Auckland, Hamilton &
Wellington

\$159.00 Per week

MY CLASSIC FOODBAG

Classic recipes with a twist. Ideal for busy families with older kids who want healthy food and delicious recipes.

5 recipes every week 5 meals for 4 adults or a family of 5 Auckland, Hamilton & Wellington

\$189.00 Per week

MY **GOURMET** FOODBAG

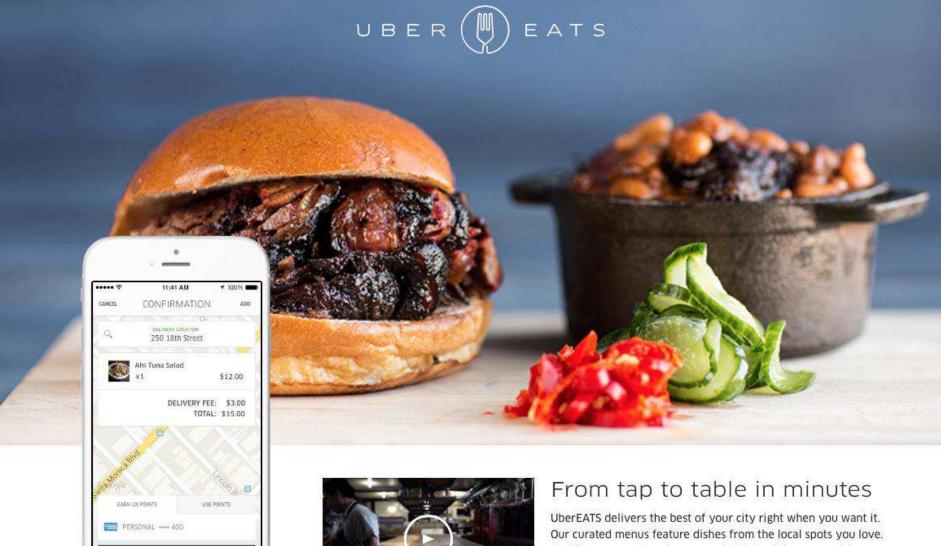
Premium produce and inspiring recipes. Ideal for couples who love fresh food and enjoy exotic flavours.

4 recipes every week 4 meals for 2 adults Auckland, Hamilton & Wellington

\$139 .oo Per week Free Delivery





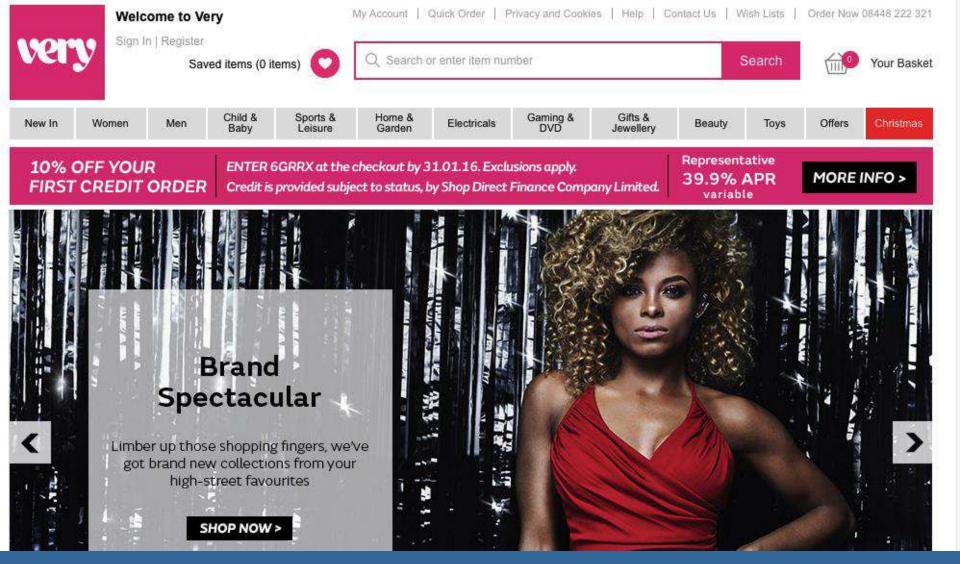


REQUEST EATS

HUNGRY TO HAPPY IN APPROXIMATELY TO MINS

UberEATS delivers the best of your city right when you want it. Our curated menus feature dishes from the local spots you love. And the ones you've always wanted to try. It's same cashless payment as an Uber ride. So just tap the app, meet your driver outside, and enjoy.

SIGN UP FOR MENU UPDATES



On-Line Fashion Store **VERY** has 1.2 Million Versions of its Home Page. "Give them what they want fast but surprise them every now and again!"

WHO boss says Big Food, Big Soda and Big Alcohol as bad as Big Tobacco



Public health faces "daunting challenge" from "Big Food", Dr Chan believes

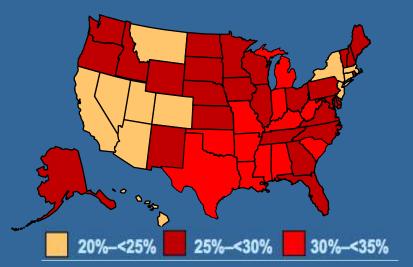
Mexico takes title of "most obese" from America



FOOD
POLITICS

by Marion Nestle

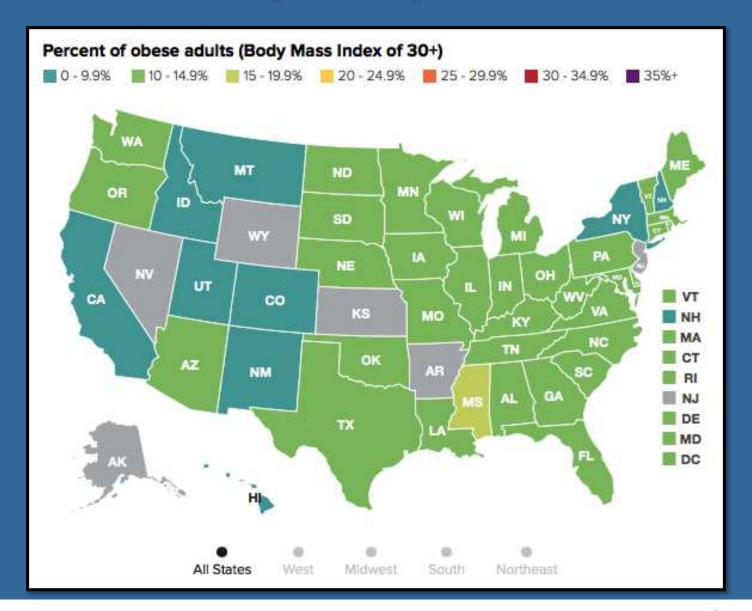


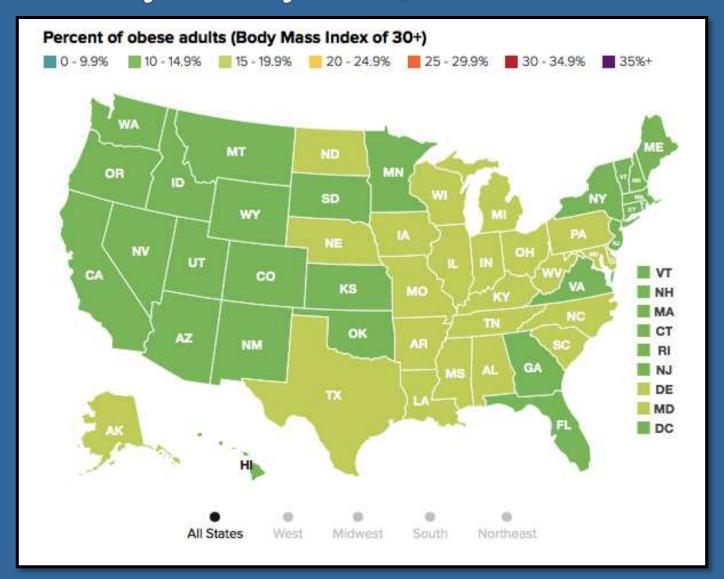


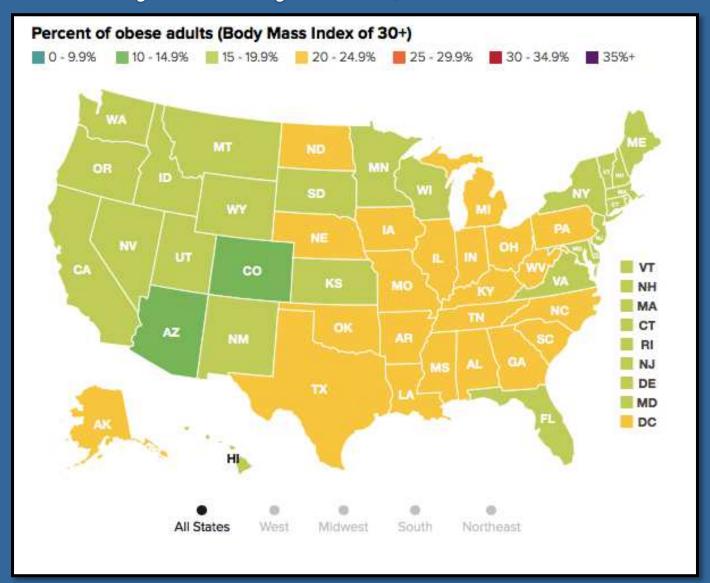
Australia rates 3rd or 4th in obesity

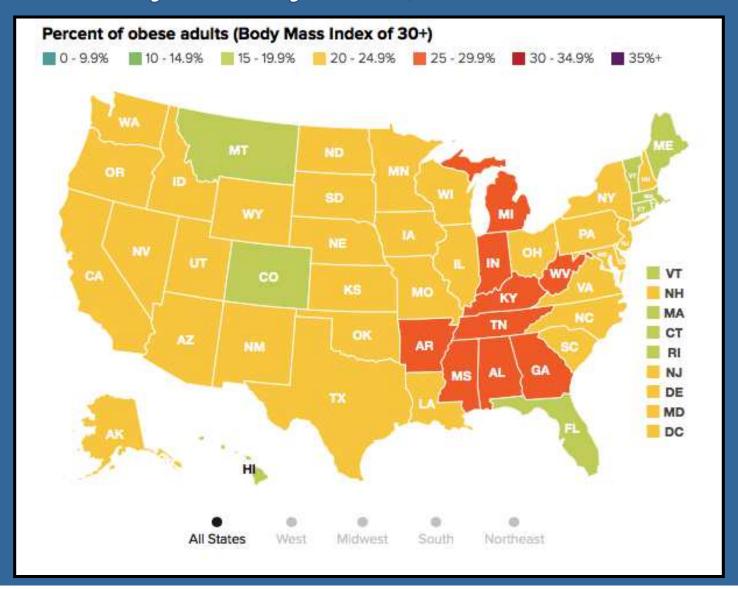
Australian obesity rates climbing faster than anywhere else in the world, study shows

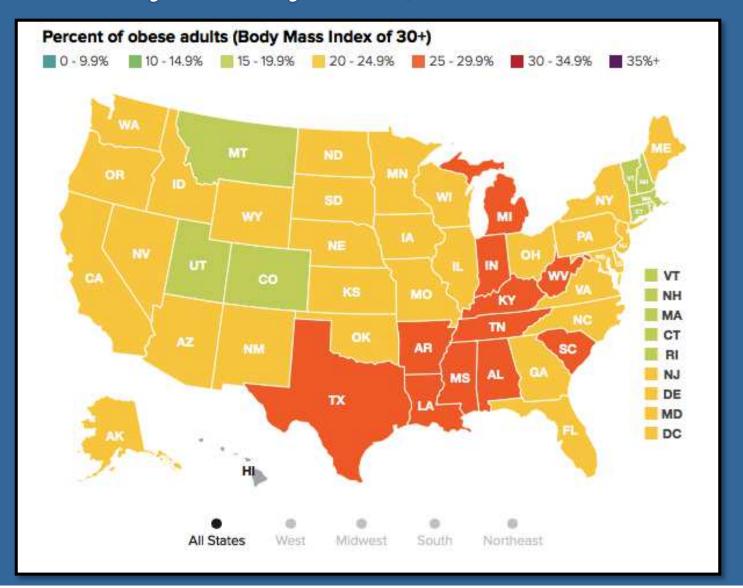
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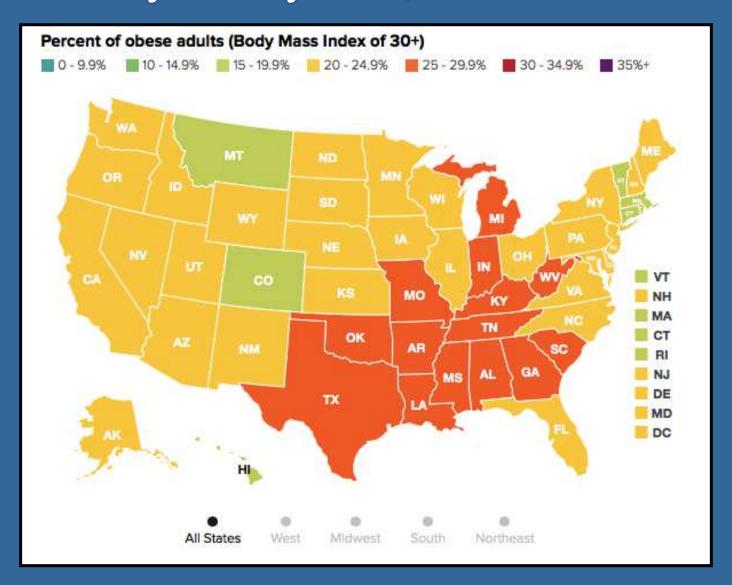


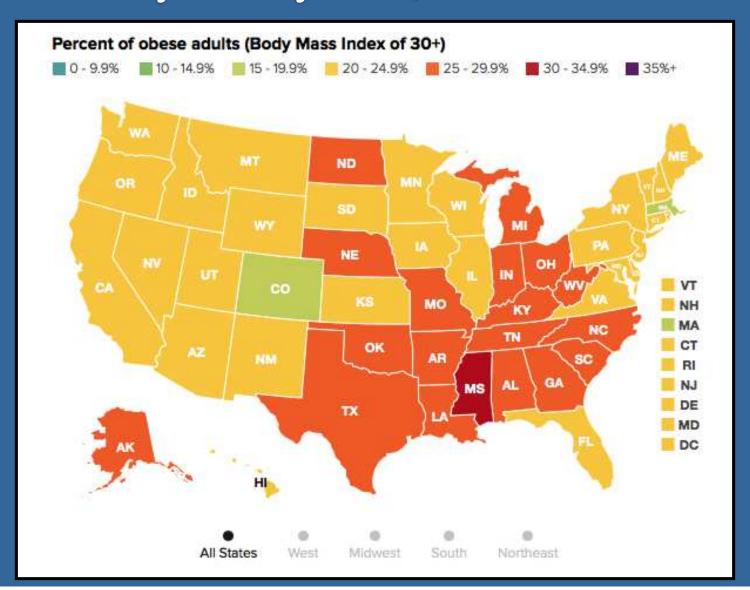


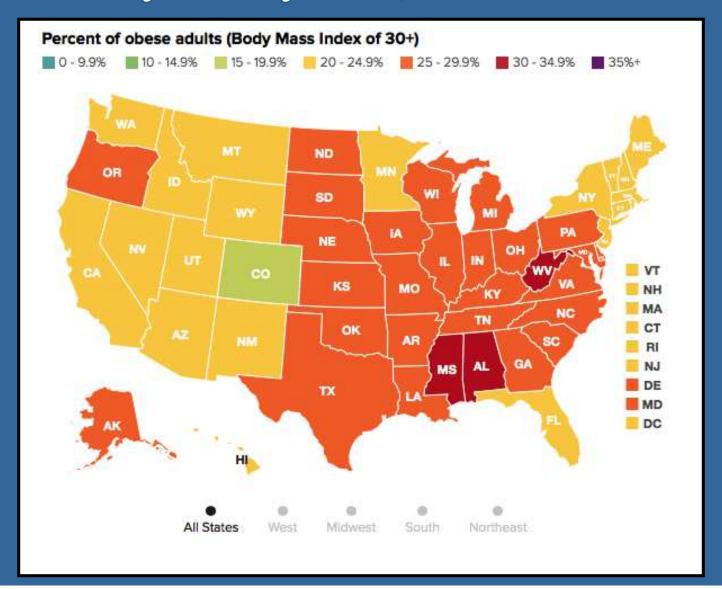


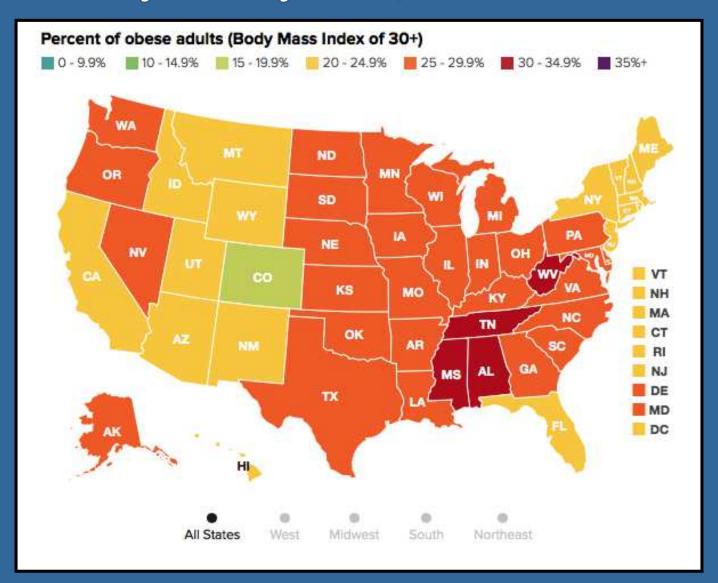


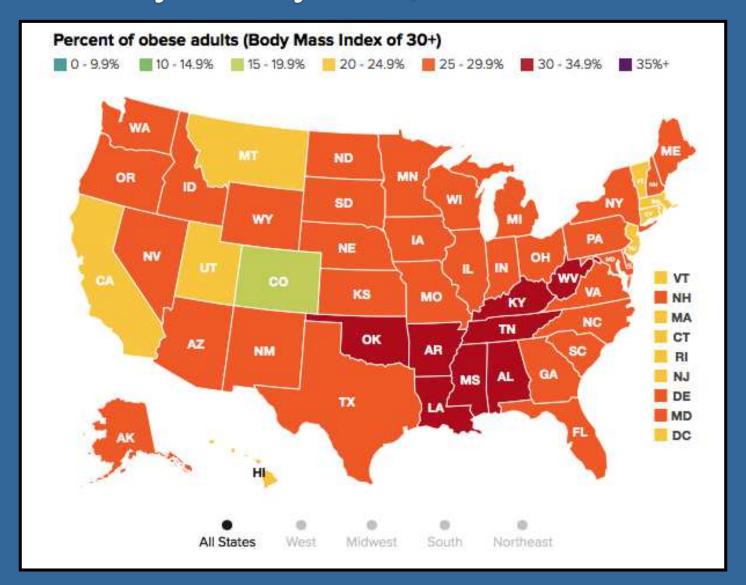


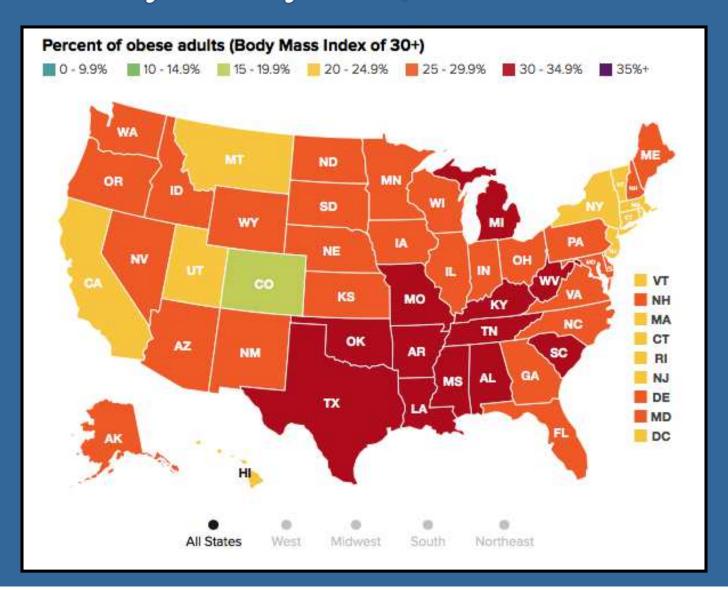


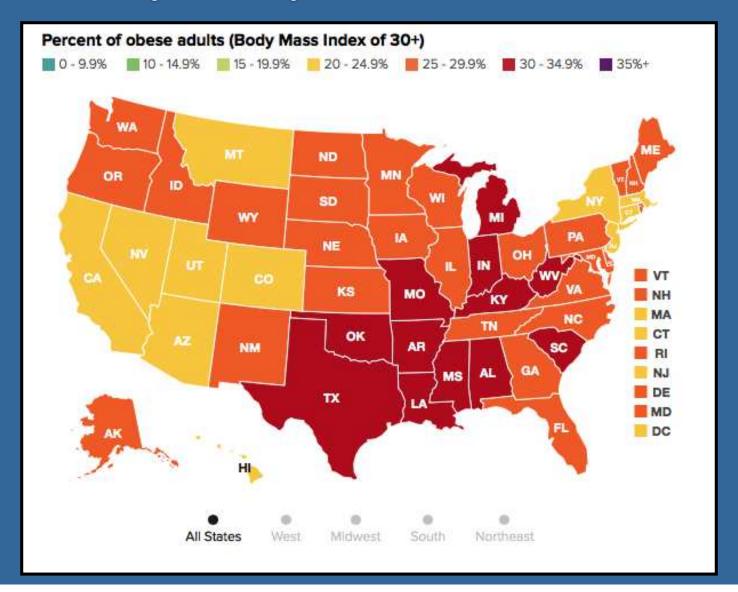


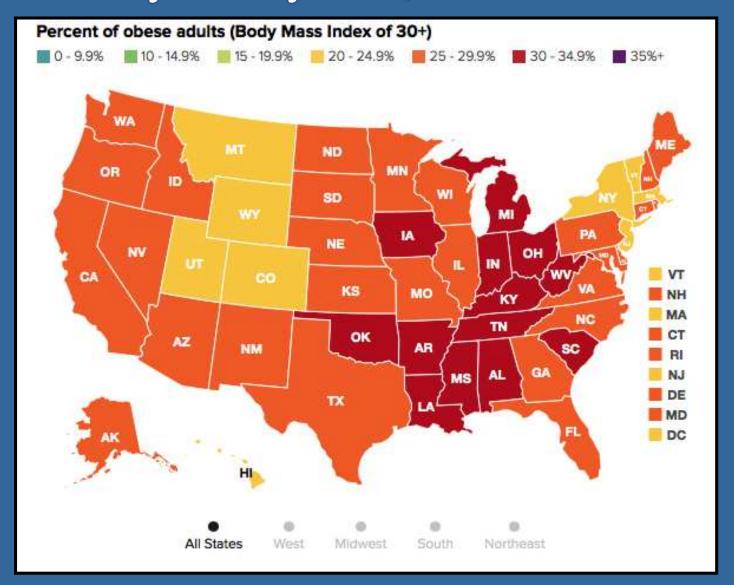


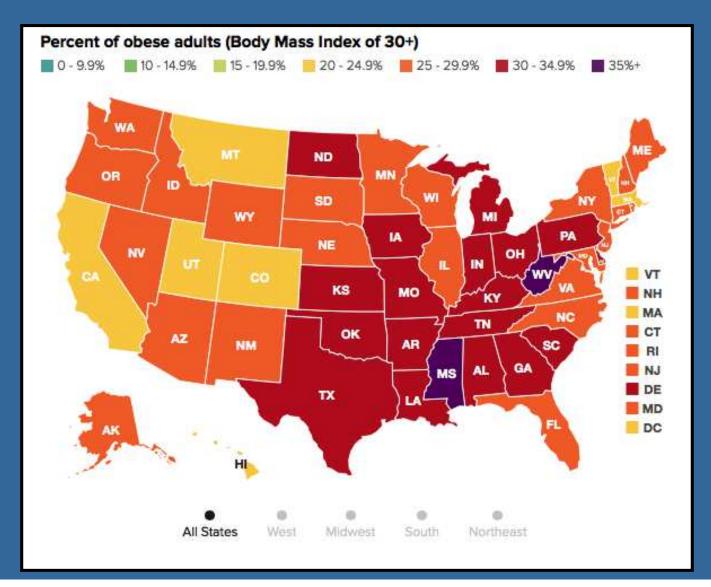


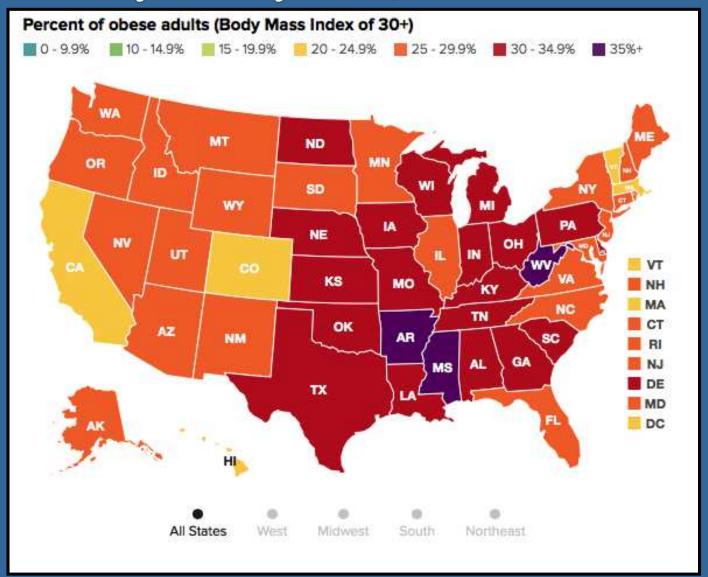














Act now on junk food to save our children

NHS chief calls for action after sugar tax row

Onte Smyth Heath Editor Lacy Father Senior Political Correspondent

The head of the NHS warned Derid Cameron last night to take 'compreAt present the country ests twice as much sugar as it should.

Senior health leaders were united in lacking the review Smoon Sievens, the chief executive of NASS England, said. This report is a formula and far reach-

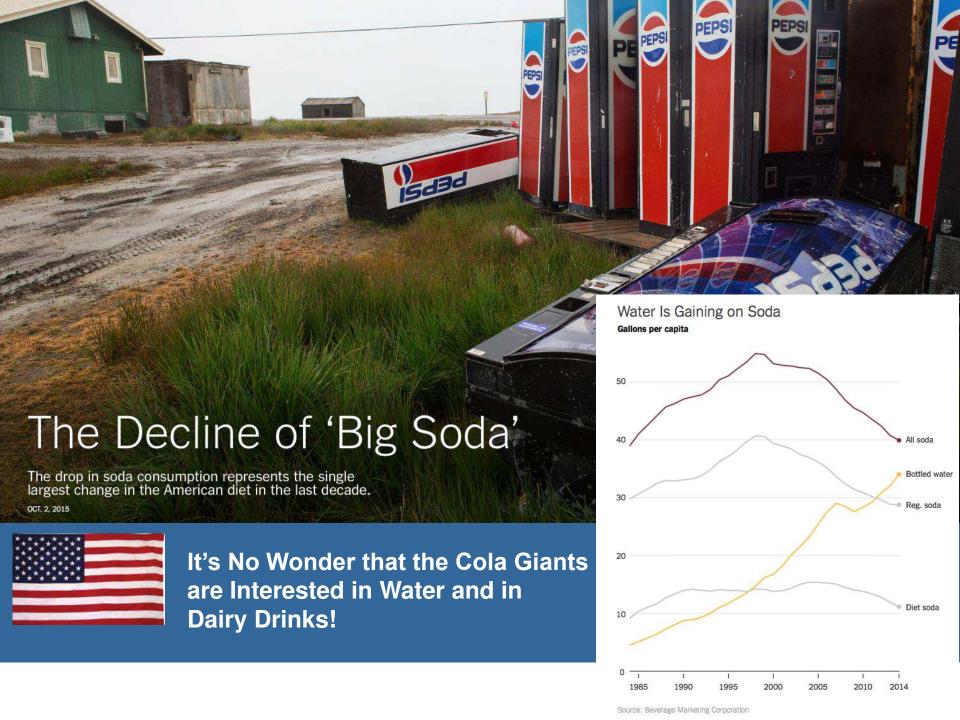


Budget 2016: Sugar tax crusader Jamie Oliver jubilant as soft drinks companies lose their fizz March 16th YESTERDAY!

with fixed is a generation, was fixedly published verticities amid growing anner over its secrecy.

Jerussy Hust, the health secretary, had bindied MPs from seving the evidence, but they put pressure on himwell as the foods available and how they are produced. We are constantly sudged towards become and eating store food. With faul better promoted and cheaper than over believe, PHE factors. It is time to do something





THE TIMES

400,000 MEMBERS

12 WEEKS FOR £12

Friday, October 9









Alexi Mostrous Special Correspondent Last updated at 12:01PM, October 9 2015

Coca-Cola is to publish details of all the scientific research it funds in the UK after an investigation by The Times uncovered that the company had spent millions of pounds to counter claims that its drinks help to cause obesity.



Rita Ora, one of Coca-Cola's many celebrity backers Getty Images

Fizzy drinks giant pays millionsto diet experts

Scandal as scientists deny sugar link with obesity

Alexi Mostrous Special Correspondent

Coca-Cola has poured millions of pounds into British scientific research and healthy-eating initiatives to counter claims that its drinks help

£1 million from Coca-Cola while he provided nutritional advice to leading sports bodies.

 Coke has provided financial support. sponsorship or research funding to British organisations including UKAct-

Worst offenders for each type of flavoured hot drink per serving:					
Café	Drink Action on Sugar	Category	Sugars per serving (g)	Teaspoons of sugar per serving**	ORV
Starbucks	Hot Mulled Fruit - Grape with Chai, Orange and Cinnamon - Venti	Hot Mulled Fruit	99.0	25	COFFEE
Costa	Chai Latte - Massimo - Eat In	Chai Latte	79.7*	20	COST A-
Starbucks	White Chocolate Mocha with Whipped Cream - Venti	White Mocha	73.8*	18	OFFE
Starbucks	Signature Hot Chocolate - Venti	Hot Chocolate	60.0*	15	KFC ®

58.8*

50.6*

15

13

Mocha

Caramel

Latte



NERO

Mocha

Caramelatte - Drink In

KFC

Caffe

Nero

PepsiCo's innovation imperative in a world where 'small is cool'

















In a world where small businesses are emerging as genuine threats to larger organizations, PepsiCo's countermeasure is to focus on the experiential rather than the transactional aspects of its brands.

SCRAMBLED EGG PATTY (WHOLE EGGS, WHEY, EGG WHITES, NONFAT MILK, SOYBEAN OIL, MODIFIED FOOD STARCH, CONTAINS TWO PERCENT OR LESS OF DICALCIUM PHOSPHATE, SALT, SODIUM BICARBONATE, XANTHAN GUM, GUAR GUM, CITRIC ACID, PEPPER), MULTIGRAIN FLATBREAD (WATER, WHOLE WHEAT FLOUR, ENRICHED FLOUR IWHEAT FLOUR, MALTED BARLEY FLOUR, NIACIN, REDUCED IRON, THIAMIN MONONITRATE (VITAMIN B1), RIBOFLAVIN (VITAMIN B2), FOLIC ACID], YEAST, SUGAR, WHEAT GLUTEN, OAT FIBER, WHEAT BRAN, CONTAINS TWO PERCENT OR LESS OF MODIFIED WHEAT STARCH, VINEGAR. SOYBEAN OIL, SALT, CULTURED WHEAT FLOUR, ROLLED WHEAT, CULTURED WHEAT STARCH, RYE NUGGETS, CORN GRITS, ROLLED OATS, MONOGLYCERIDES, RYE FLAKES, SODIUM STEAROYL LACTYLATE, TRITICALE FLAKES, BROWN RICE FLOUR, MONOCALCIUM PHOSPHATE, CALCIUM SULFATE, GUAR GUM, BARLEY FLAKES, HULLED MILLET, WHOLE FLAX SEED, ENZYMES, ASCORBIC ACID, CALCIUM PROPIONATE [PRESERVATIVE]), SAUSAGE PATTY (PORK, MECHANICALLY SEPARATED TURKEY, WATER, SALT, SPICES, CORN SYRUP SOLIDS, DEXTROSE, SPICE EXTRACTIVES). PASTEURIZED PROCESS WHITE CHEDDAR CHEESE PRODUCT (CHEESE [PASTEURIZED MILK, CHEESE CULTURES, SALT, ENZYMES], WATER, CREAM, SKIM MILK, SODIUM PHOSPHATES, CASEIN, NATURAL CHEDDAR CHEESE FLAVOR ICHEDDAR CHEESE (PASTEURIZED MILK, SALT, CHEESE CULTURE, ENZYME), WATER. SODIUM PHOSPHATE, SALT, BUTTER OIL, XANTHAN GUM], SALT).



Convenient but are they consonant with consumer trends for natural, lightly processed, "clean" labels?





Dunkin' Donuts to remove titanium dioxide from donuts

The baked goods giant says it will remove whitening agent from its powdered donuts over fears it might contain toxic nanomaterials



Kellogg's to Remove All Artificial Ingredients from Cereals, Q2 Earnings Down



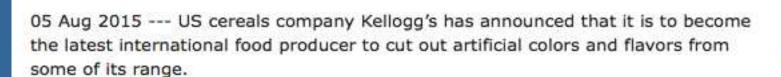












The announcement confirmed that 75% of its cereals in North America were already being made without artificial colors and more than half without artificial flavors but that by the end of 2018, all artificial ingredients would be removed.



General Mills to Remove Artificial Flavors & Colors From its Cereals





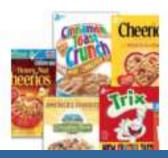








23 Jun 2015 --- US food giant General Mills cereals has joined a number of other food producers by making a commitment to remove artificial flavors and colors from artificial sources from 90% of its cereals in response to consumers' changing preferences. It plans to have more than 90 percent of the portfolio free of artificial flavors and colors by the end of 2016.



Coca Cola Enterprises Makes 10% Full Range Calorie Reduction Pledge by 2020

Mars to ditch artificial colours from its entire global food & drink portfolio





Taco Bell to remove artificial ingredients from most of menu

Lisa Jennings May 26, 2015





The chain's Grilled Breakfast Burritos, from left: Sausage, Bacon and Fiesta Potato Taco Bell

Taco Bell Corp. pledged Tuesday to remove all artificial colors and flavors from most of its menu items, as well as certain additives, added trans fats, palm oil and high-fructose corn syrup, by the end of 2015.

The move to more natural ingredients comes in response to consumer demand, and is part of a larger effort to simplify and be more transparent about the menu, said Brian Niccol, CEO of the Irvine, Calif.-based quick-service operator.

Consumers are "telling us less is más when it comes to ingredients," Niccol said.

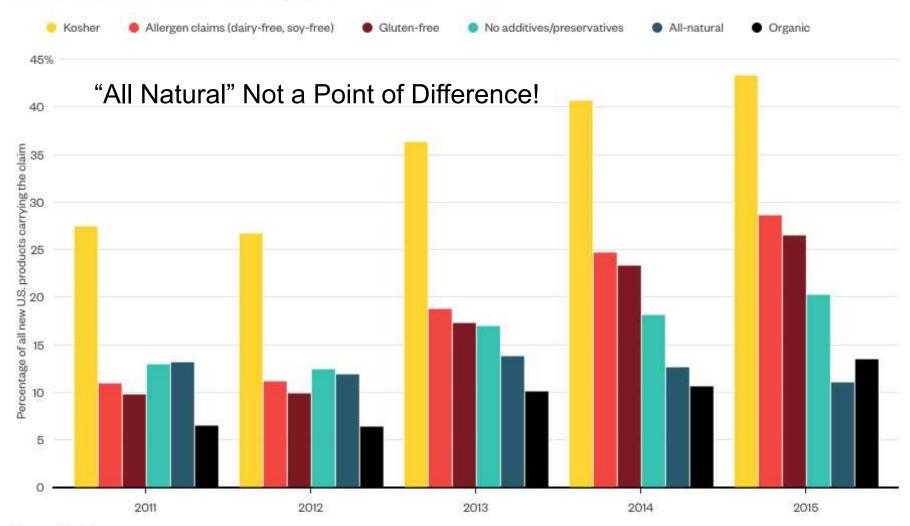
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Food Ingredients are "Free"!



Fine Print

Label claims on new food and drink products in the U.S.



Source: Mintel

Consumers Want Their Meat "Free" Across the Globe! And They Want Adjectives Added and Not Additives Added!

- Antibiotic-free
- Hormone-free
- Additive-free
- Campylobacter-free
- Salmonella-free
- E.coli-free
- GMO-free
- Free-range
- Gluten-free











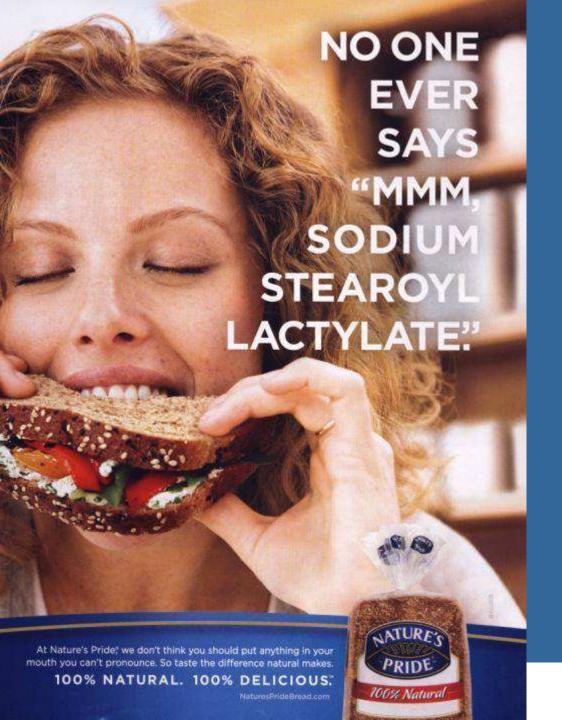




Contact a Salmonella Lawyer Now Free Case Evaluation 1-888-377-8900





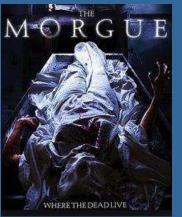




Buying Organic: General Mills Swallows Annie's For \$820 Million (4X sales)



"Big Food" Caught With Its Trousers Down?!







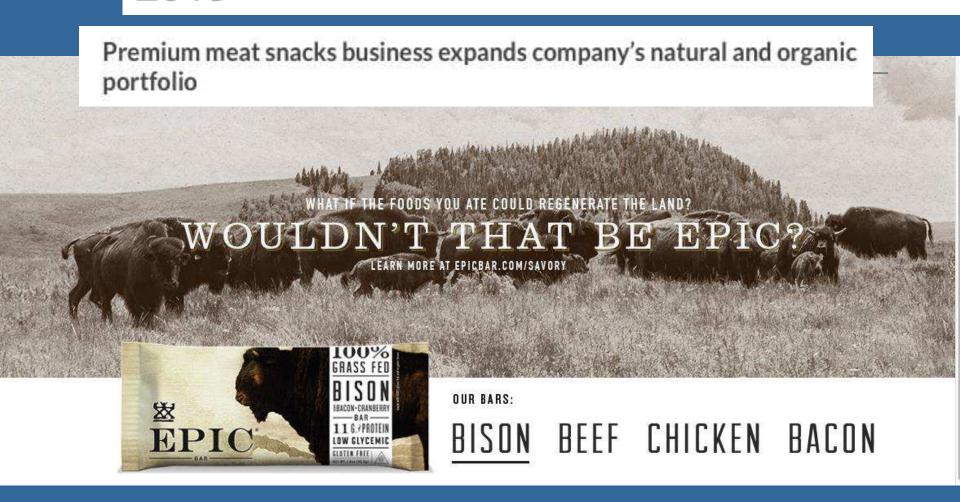








General Mills to reach \$1 billion in net sales from natural & organic products by 2019

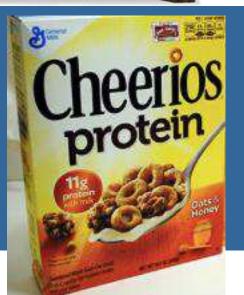




BISON BEEF CHICKEN BACON



EPIC







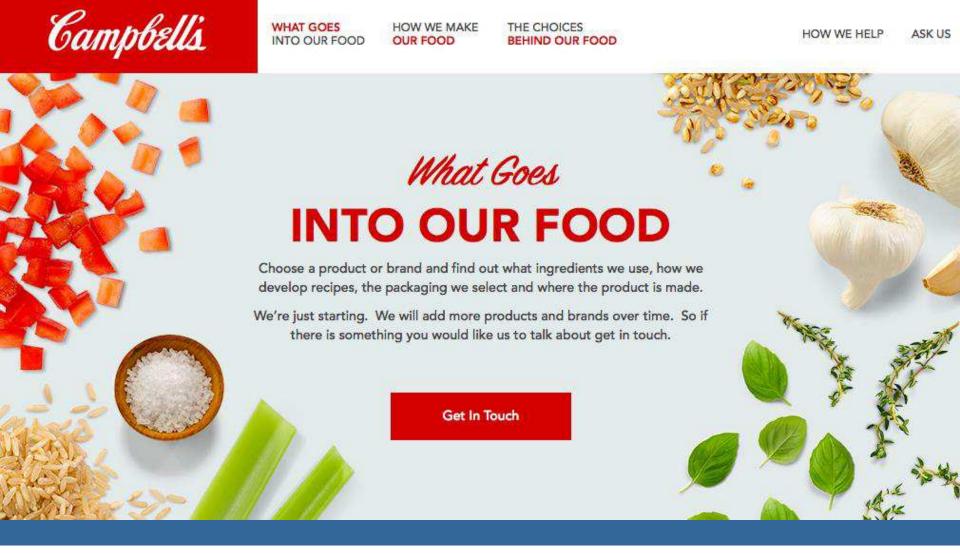


November, 2015

301 INC launches new investment fund through CircleUp to seed emerging food brands

301 INC is an energetic and enthusiastic team looking to collaborate with emerging food brands; to roll up our sleeves and work together to create breakthrough innovations and build successful businesses. If you have a product that has demonstrated success in the market, and you're ready to take it to the next level, let's elevate it.

Transparency of Ingredients Not Without Its Challenges e.g. Campbell's iconic tomato soup with HFCS/GM ingredients





well for any snacking produce



Cold-Pressed Fruit & Vegetable Juices: Strong Growth Potential with Excellent Health & well-Being Hooks





Campbell Soup Splashes into Cold-Pressed Juice with "1915 by Bolthouse Farms"

Cold-Pressed Redolent of EVOO

Any Room for a Super Ingredient Like Onion Juice?



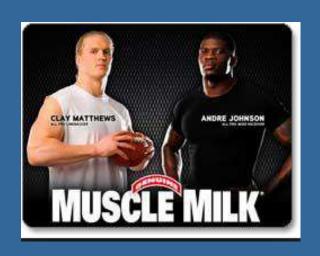
Campbell Soup to buy salsa maker Garden Fresh for \$231 million







Hormel to Acquire Muscle Milk Maker for \$450 Million



"Big Food" Desperate to Align with Natural-Loving Millennials!



Hormel goes organic with latest big food acquisition

Hormel Foods is paying \$775 million to buy organic processed meats maker Applegate Farms, the latest deal by a food giant for a smaller rival in the grocery aisle.



Niman Ranch Pork: Now Brought to You by Perdue

Perdue Farms gobbles up 'humane beef' brand Niman Ranch



Jacek Chabraszewski/Shutterstock

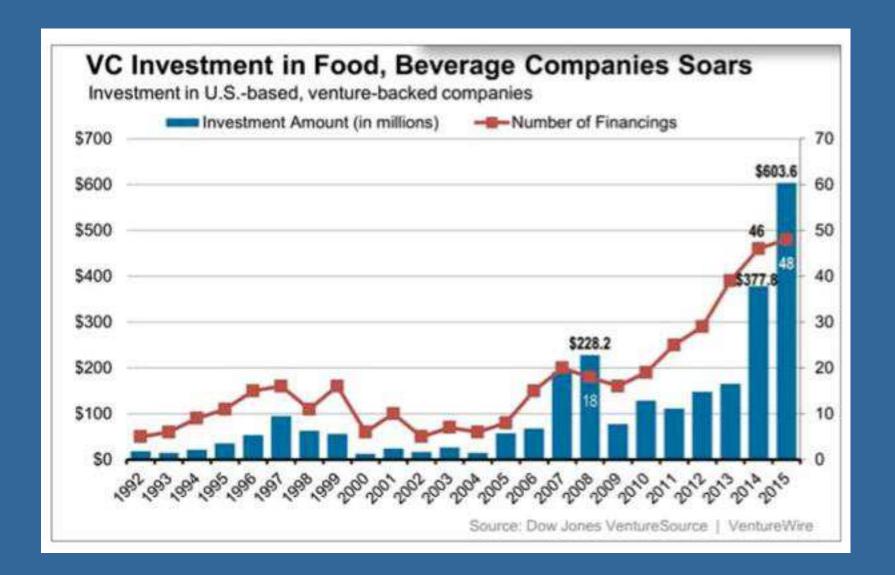
Late Tuesday afternoon, Perdue, the nation's fourth-largest chicken company, snapped up the famed niche meat producer Niman Ranch, best known for its pork grown without antibiotic or other pharmaceutical growth enhancers, and also a player in the alternative beef, lamb, and egg markets. Eschewing the vast hog factories known as CAFOs (concentrated animal feeding operations), Niman requires that its hogs "must be raised on pasture or in bedded pens."





September, 2015

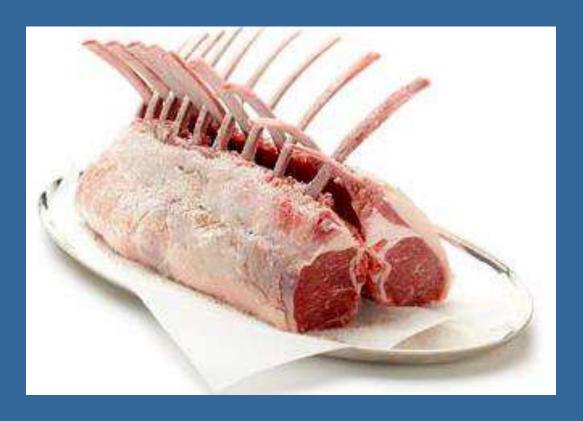
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Ingredients: New Zealand Lamb





- but what breed?
- from where?
- how produced?
- by whom?
- farm history?
-
- Add consumer-relevant adjectives

MEET THE PRODUCERS

Experts from around Britain who help us bring 100s of fresh ideas to your table



STRAWBERRIES | MARION REGAN Awarded an MBE for her services to the fruit industry



ORKNEY CRAB | RONNIE NORQUOY Fishing for 40 years and helping us source sustainable crab from the wild Atlantic seas



WELSH CAKES | ROBIN JONES All our Welsh cakes are handturned in the bakery



POTATOES | MICHAEL MCKILLOP Plants new varieties every season in nutrient-rich soil for delicious potatoes full of goodness



"How'd You Like Your Meat?"

"With Adjectives, Please":

- known provenance ...
- Dugdale Farm
- Glouceter Old Spot ..
- grass-fed, suckler ...
- vegetarian diet ...
- organic
- new season ...
- free range
- single estate
- free-from
- happy ...
- environmentally-friendly ...

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Huge Trend to Few, Simple, Natural Ingredients Positive for Farmers Worldwide







Hershey and Nestle Switch To Natural Ingredients

Mars to ditch all artificial colours from its entire global food portfolio









Philippines' Monde Nissin buys out UK food firm Quorn for \$831m



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Impossible Foods Raises a Whopping \$108 Million For Its Plant-Based Burgers (October, 2015)

IMPOSSIBLE

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Backed by Well-Heeled Investors



THE IMPOSSIBLE CHEESEBURGER

We love meat. We love cheese. And for thousands of years we have relied on animals to make them. Impossible Foods has found a better way. We use plants to make the best meats and cheeses you'll ever eat.

Dhotos







In praise of almond-milk ice cream



Almond Milk (Water, Almonds), Liquid Sugar (Sugar, Water), Coconut Oil, Sugar, Walnuts, Bananas, Corn Syrup Solids, Dried Cane Syrup, Cocoa, Pea Protein, Sunflower Lecithin, Lemon Juice Concentrate, Soy Lecithin, Vanilla Extract, Guar Gum, Natural Flavor (Coconut), Locust Bean Gum.

7-Eleven Stores Will Switch Exclusively to Plant-Based Just Mayo



Plant-Based Egg and Meat Analogues Have Market Traction

Vegetarians have much lower sperm counts

A diet rich in fruit and vegetables may harm fertility, say researchers at Loma Linda University Medical School



By Sarah Knapton, Science Editor, at the ASRM conference in Hawaii 5:00AM BST 20 Oct 2014 Print this article

Share 2K

Top Global Trends Food & Beverages in 2015

- Clean and clear labels (ingredients)
- Convenience for foodies



- Marketing to millennials (tech savvy/socially-engaged)
- Snackification ... of everything!
- Good fats, good carbs
- Protein boom but much more than meat
- More for fruit & veg. (drinks/natural ingredients, etc.)
- Freshly frozen (renaissance driven by smoothies)
- Private label progresses with more sophistication
- Rich, chewy and crunchy texture and indulgence

Millennials (20-35 year olds) are Prime Targets

- they're global been abroad, friends abroad, and frequently buy products from abroad
- educated middle class very similar across the globe
- connected the 1st native digital generation. 90% have smart phones and in constant use
- social on-line and off-line seek friends'
 advice/respect quick to criticise and compliment
- hungry for experiences, more adventuresome, prefer smaller businesses, sceptical of mega-corporations
- impulse shoppers & have no patience (want it NOW!)
- savvy shoppers weigh up value and values

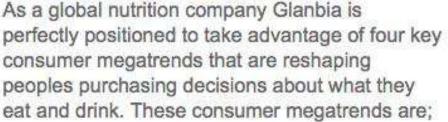
Increasing Complexity Driving Product Purchasing Behaviour



Including:

- savvy shopping
- local/national
 - place of production
 - care of local economy
 - local is fresh/healthier
- provenance
- heritage
- sustainability
- animal welfare
- worker welfare





- Health and Wellness.
- Active Lifestyles.
- Easy, Convenient & On the Go.
- Clean Labelling.





Provides a Good Short hand of Global Trends

Values: For Shoppers, It's Not ONLY about Price









VALUE



VALUES









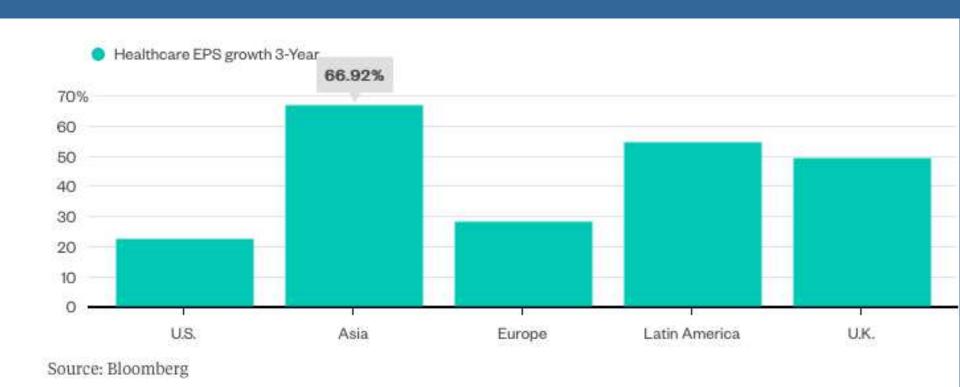
World Population: Who's Going Up and Who's Going Down?

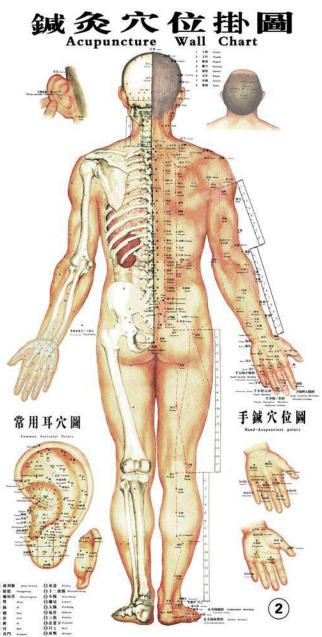
	2010	2030	2050
	- billion-		
World	6.9	8.2	9.0
Africa	1.0	1.5	2.0
Asia	4.1	4.8	5.1
Europe	0.7	0.7	0.7
LAC*	0.6	0.7	8.0
North America	0.3	0.4	0.5
Oceania	0.04	0.04	0.05

*Latin America & Caribbean
Source: UN (population scenario planning)

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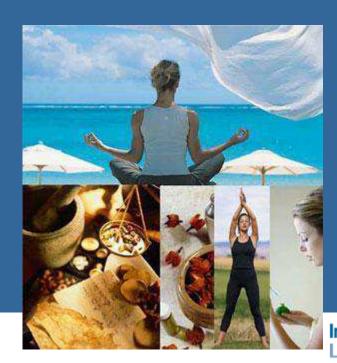
Global Performance of Health Care Stocks, 2012 to 2015











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Perception of NZ Food and Health Product

古德奈孩子 📽

03-10 20:02



第一感觉是品质好、其次是售后好

我在countdown买过过期牛奶,之后 退还不仅退钱还赔偿了我一个, 国内 根本不可能发生嘛。未来还是选择绿

> 🚵 80后:买了婴幼儿奶粉,成人奶粉 和保健品、都很放心、国内虽然有

> > 很多超市已经有许多进口奶粉了

来的味道不完全一样(不知道是不



放心 Rest

Assured

Good Quality

90后 环境好东西应该也差不多吧 有

代谢就是代谢的代谢

03-10 18:07

能力会试试

Taste Good

Affordable

方便购买 **Easily Assessed** 0 10 March 13:56 80后:对新西兰食品第一感觉就是 质量绝对放心,所以只需要根据自 己实际需求选择性购买; 在新西兰 买过老师提到的所有种类, 发现新 家庭装的要贵一些,比如可乐纯净

> 试体验: 2014年的时候去新西兰 一个月, 牛奶确实很好喝, 酸奶也 两瓶, 家人反应味道不错, 我不常 喝酒也没什么评价能力。保健品也 不足之处: 我个人的感觉是...蔬菜小 果太贵啦,我还记得在countdown

90后, 因为我身处中国无法时刻品 尝到国外的食品, 但我又同时很期 待。中国是个有潜力的市场。新西 兰将这些销售出去,并且在营销渠 道上简化,减少成本,我们在一些 网站上购买也不用大贵



当抽炸虾鲜的



Mireyaaaa

03-10 20:52

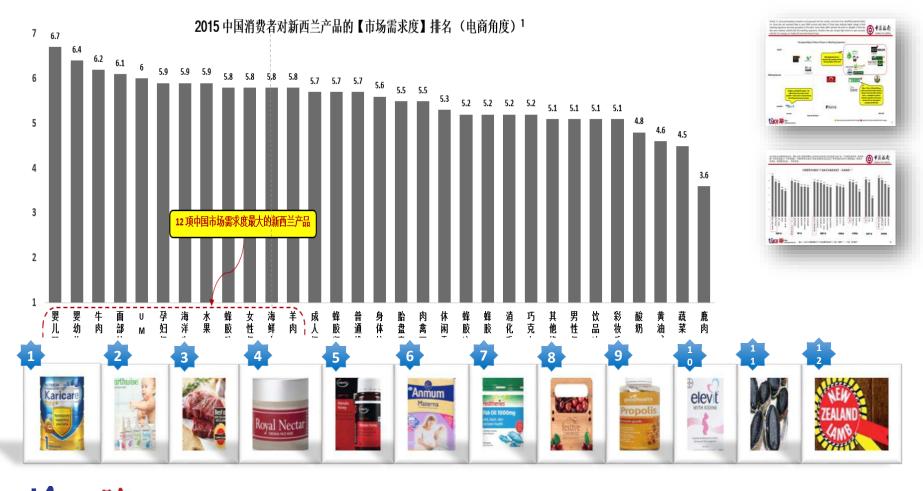
岛右机米车两

Source: Trace Research 2016

NZ Product ConsumptionTrend in China

整体排名







Source: Trace Research 2015

Dr. Andrew Zhu

SKIN CARE MAKEUP MASKS BODY ACCESSORIES MEN PACKS BRANDS



OUR NEW PRODUCTS

Korea is Number 1 for Beauty Product Trends and 1st Equal with Japan for Beauty Foods







12 Korean Celebrities: What Do They Eat To Keep Their Skin Looking Flawless

Global stock markets dive on China worries January 4th and again January 7th, 2016



Chinese shares continue to slide

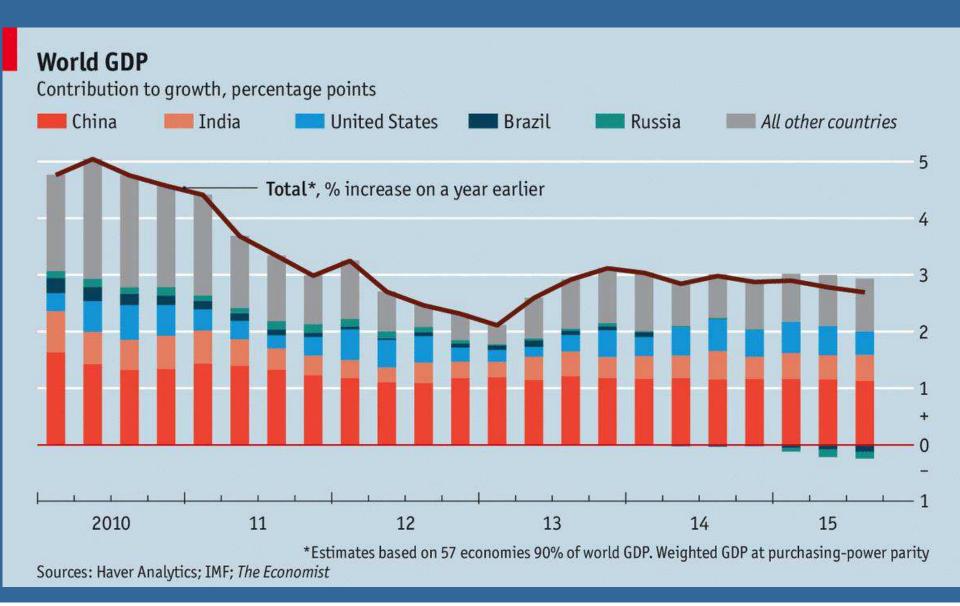
January 11th, 2016



Wall Street has continued the rout on global share markets, with the Dow Jones, S&P 500 and Nasdaq indexes all opening more than 2% down.

Reflective Tweet mid-2014

Fingers Crossed that China and India Both Don't Catch a Cold!



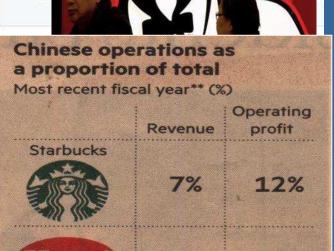
After China Meat Scandal, Troubles for OSI Reflect Broader Perils for Business

KFC's China sales plunge on tainted food scare

By Paul R. La Monica @lamonicabuzz September 4, 2014: 9:59 AM ET



McDonald's, KFC in China caught up in scandal over expired meat



24%

36%

Bird Flu Threatens KFC's New Year Recovery







In The News



@ 15 Mar 2016

Sylvain Charlebois: For the food industry, fraud is the elephant in the room.



① 10 Mar 2016

Warning about counterfeit GSK eye drops in Singapore



- 100 - 10 W

Police Seize 22 Tons of Counterfeit Tuscan Olive Oil

Read More



Trust, Traceability and Transparency

- Globally, consumers less trusting of government, industry, "Big" science, "Big" anything!
- Pervasive media coverage of food scandals
- Shoppers want to know much more about where their food comes from and how the animals were treated
- Most shoppers believe food companies should know "exactly" where <u>every</u> ingredient comes from
- Speed of social media communication both a blessing and a curse but, irrespective, a game changer
- Traceability and transparency in the supply chain underpins building trust with all stakeholders







Volkswagen's emissions scandal could be far more painful for investors than BP's disastrous 2010 oil spill in the Gulf of Mexico.

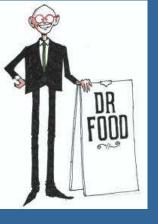




100% Purity is a Tough Ask! But Excellence in Supply Chain Integrity is the Bed Rock of International Reputation for Food

Some Concluding Thoughts:

- "Natural" is an increasingly tarnished descriptor.
 Guarantee of authenticity is critical importance of proving that it's your product or that it's not yours!
- scientific evidence to support your health/beauty claim? Little firms must exploit power of PR! Others will make your claims (e.g. blueberries)
- consumers more patient on beauty versus health claims (for beauty, hope is never-ending!)
- Asia and particularly Korea leads on beauty foods and beauty potions – clean/simple/few ingredients
- Chinese quality issues will diminish (e.g. Japan cars)
- up social media skills to recruit millennial advocates



CONTACT POINTS:

e-mail:

profdavidhughes@aol.com

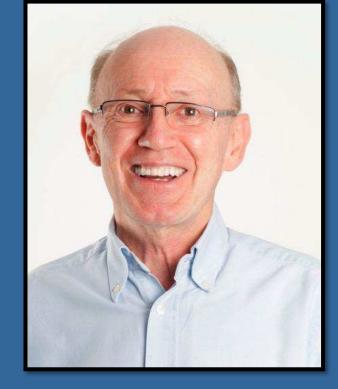
Telephone contact:

mobile +44(0)7798 558276

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@ProfDavidHughes

Consumer Blog: www.drfood.ca



Retail Blog: www.supermarketsinyourpocket.com