Imperial College London

The Impact of Global Trends

Dr David Hughes

Emeritus Professor of Food Marketing

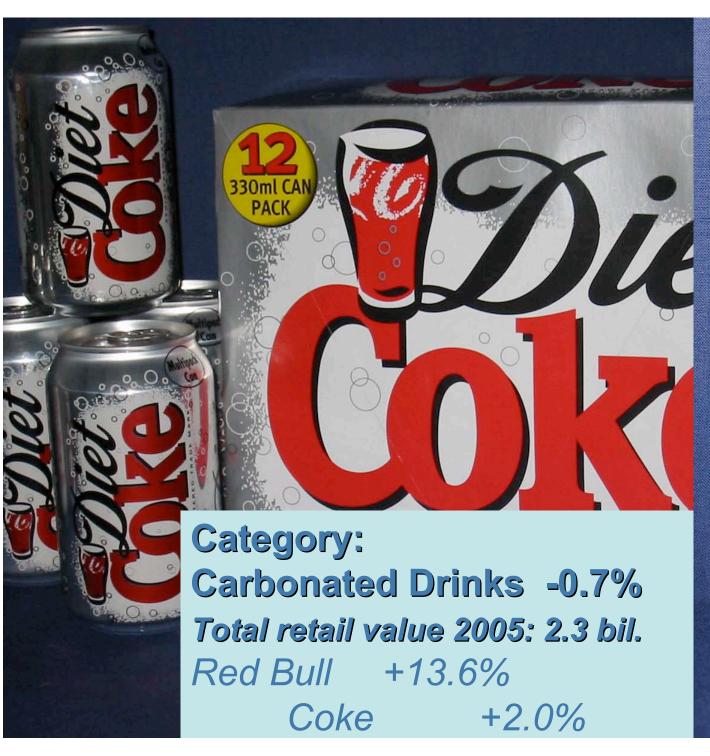
2006 International Livestock Congress

Beef 2006 Strategic Thinking for a Changing Industry

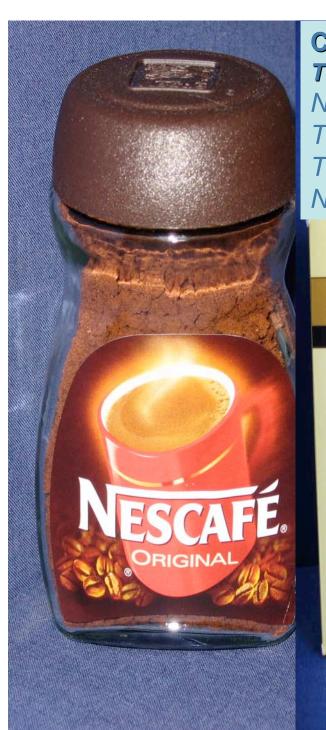
Roundup Centre Calgary Stampede, Calgary, Canada

Friday, July 14th, 2006









Category: Hot Beverages -0.5% Total retail value 2005 £1.3 billion

Nescafé Cappuccino

Twinings

Tetley

Nescafe Original

+69.8%

+13.1%

-1.6%

-3.9%





Category: Frozen Ready Meals -12.9% Total retail value 2005 £500million







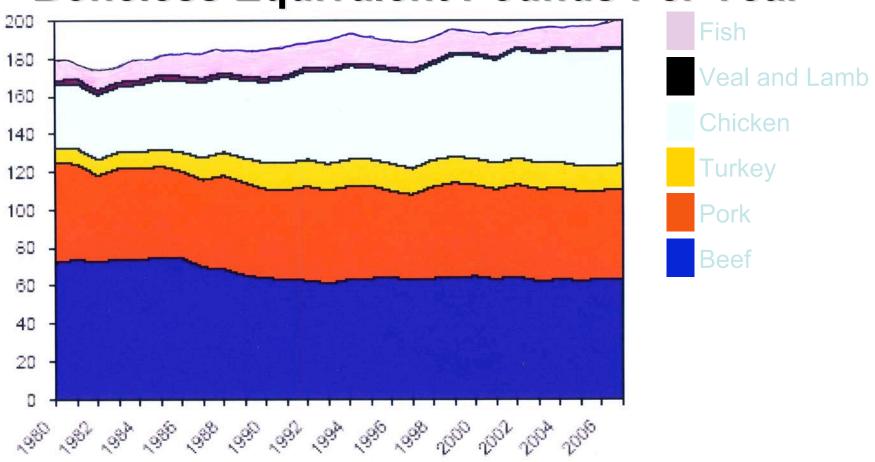
ACME

<u>Osco Drug</u>

Savon Sinauus Jewel-Osco

Trends in USA Per Capita Meat Consumption

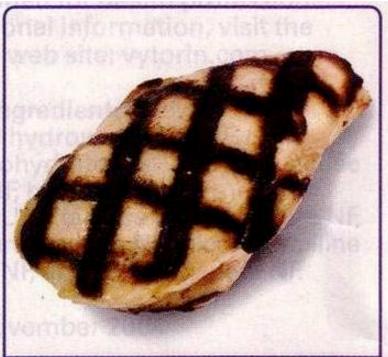
Boneless Equivalent Pounds Per Year



Source: USDA



DAIRY: 3 CUPS Eat up: Skim milk, yogurt; or take calcium, vitamin D tablets Watch: Ice cream, butter Why: Excessive dairy consumption may be linked to prostate and ovarian cancers



MEAT AND BEANS: 6 OUNCES

Eat up: Fish, poultry, beans, nuts Watch: Alas, a big red steak Why: Fish has omega-3 fatty acids; steak has lots of protein, but also lots of saturated fat





CENSORED

Not all nuggets are good nuggets. What's on your plate? Visit bhf.org.uk







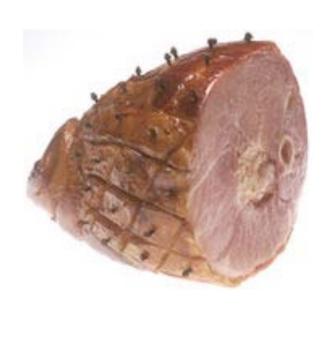






Meat Consumption in Selected Countries

Source: AFFA, Agrifood Globalisation & Asia, 2004

















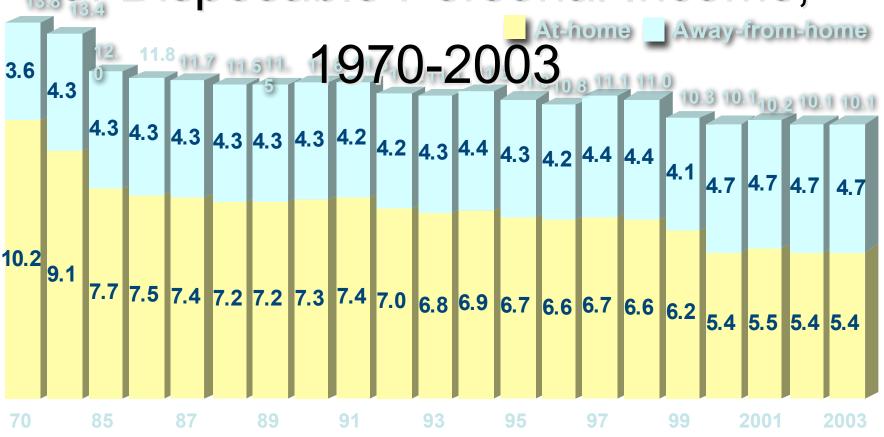
What's Driving Prices Down in the Grocery Business?

- Demographic trends static and ageing population
- Consumers seduced by IT lifestyle products
 the young perceive food a boring basic?
- Increase in new product launches largely brand extensions and "me-too's" – and under-investment in R&D
- Concentration in grocery retailing
- Key retail costs energy, labour expenses escalate
- Supermarkets rationalising supply bases and long line of manufacturers and fresh food

What's Driving Prices Down in the Grocery Business? • Slow down in growth in shelf-space for

- Slow down in growth in shelf-space for grocery products, and increasing rate of growth for non-food space
- Growth in supermarket private label
- Wal*Mart spectre and growth in discount retailing (big box financial dynamics)
- Supermarket focus on EDLP and "twofers" trains shoppers to expect deals
- Pervasive over-supply in basic farm commodities
- Lawar trada harriara

U.S. Food Expenditures as a Share of Disposable Personal Income,



Source: ERS/USDA







STEAKHOUSE QUALITY ANGUS BEEF



NATURALLY AC
PREMIUM CU
SUPERIOR FLAV

HAND TRIMM

IP STEAK



TOP SIRLOIN STEAK



Sutton & Dodge

STEAKHOUSE QUALITY ANGUS BEEF





Seven Major Shopper Segments in

Percent of total respondents





Source: McKinsey consumer research

Seven Major Shopper Segments in Europe

Segment sizes

Percent of respondents

	Pure Price	Value Hunter	Value Loyalist	Uninvolved Shopper	Demanding Shopper	Quick Quality	Pure Premium	Total
UK	4	8	7	23	17	10	31	100
Germany	27	22	8	11	9	14	9	100
France	14	8	23	11	8	27	9	100
Italy	5	17	16	14	21	8	18	100
Poland	9	13	14	6	21	16	21	100
Weighted total	13	14	12	14	14	15	18	100

Source: McKinsey shopper research

How Tesco Segments its Customers

Convenience 21% Finer Foods 16%

Upmarket 27%

Mainstream 25%

Healthy 10%

Mid-market 45%

Traditional 11%

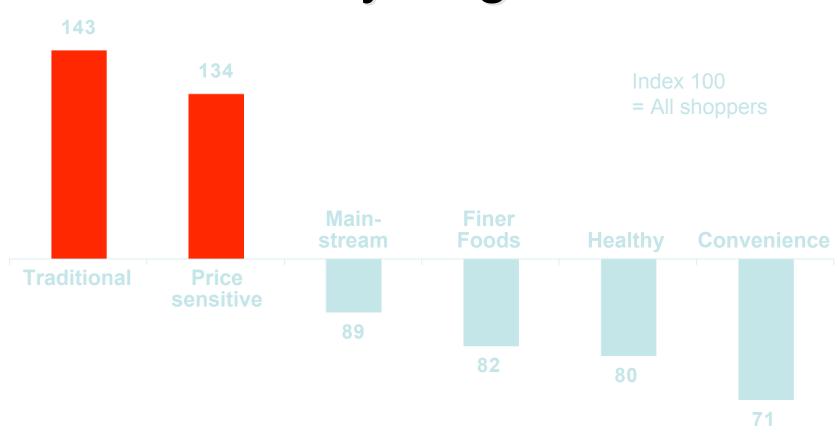
Price Sensitive 17%

Less affluent 28%

Source: Tesco

^{* 84%} shoppers buy Value lines 64% shoppers buy both Value and Finest

Index of Tesco Club Card Customer Purchases of Fresh Pork by Segment



Source: dunnhumby

Migration to the Poles

Global

High Tech

New and Improved

Ready-to-Eat

Fast Food

Just Me

Low Price

Good For You

All Year

Large-Scale

Commodity Market

Open Supply Chain

Local

High Touch

Traditional

Natural/Unprocessed

Slow Food

Friends/Family

Premium Price

Naughty but Nice

Seasonal

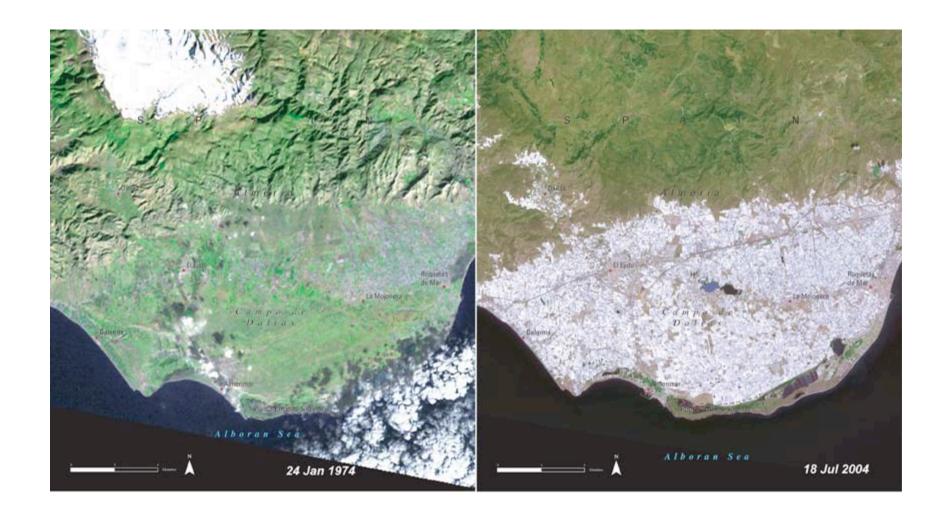
Craft-scale

Speciality Market

Closed Supply Chain

What Do Consumers Want from Their Food and Drink Products

- Envir Aparta from Low Prices?
 - organic
 - global warming impact
 - reduced food miles
- Sustainability ("Schlosser effect")
 - impact on biodiversity
 - small-scale farmer friendly
- GMO status
- Animal welfare-friendly
- Fairtrade
 - treatment of suppliers/workers











Certification Mark



WARNING

THE SUFFERING OF CHICKENS BRED FOR MEAT MAY LEAVE A NASTY TASTE IN YOUR MOUTH



FOUNDATION IS THE TALK OF THE PASTURE



Shop on Tuesday, January 24th

and Help Support the Animal Compassion Foundation

5% of sales from all Whole Foods Market stores will be donated to help producers evolve their practices for raising farm animals naturally and humanely.



animalcompassionfoundation.org

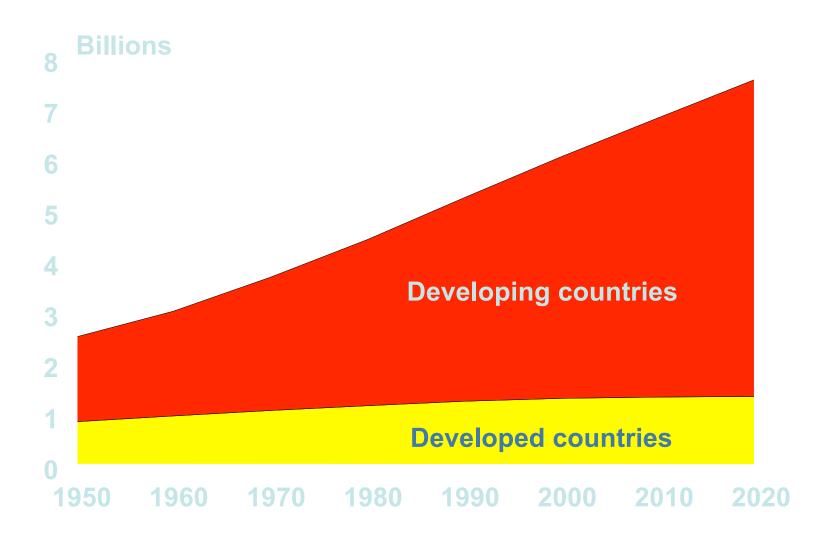






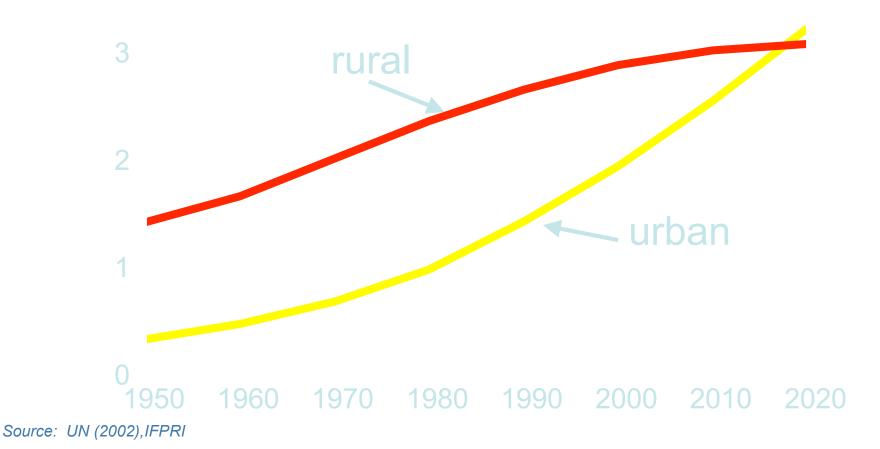


World Population, 1950-2020



Source: UN (2002),IFPRI

Urban and Rural Population in Developing Countries, 1950-2020

















Finest* TESCO

BRITISH

STEAK & ALE WITH VINTAGE CHEDDAR MASHED POTATO

Tender pieces of braised steak in a rich ale gravy with field mushrooms, served with creamy vintage farmhouse cheddar mashed potato.

22 APR

Use by

500g

Weight



TESCO

Vegetarian cannelloni

A tasty meat alternative filling enriched with tomato, red wine and herbs, hand wrapped in fresh egg pasta, on a layer of tomato sauce topped with a cheese sauce and finished with a vegetarian cheddar cheese







It's Tough in the Global Meat Increasingly competitive in the Global Meat

- Within red meats
- Between producing regions of the world
- Between red meats and white meats
- Between meat cuts and prepared meals
- Between grocery retail and food service
- And, often, with damaging in-fighting between supply chain partners

What do we need? An absolute focus on:

- Consistently great tasting, affordable food products
- With consumer-relevant points of difference v direct competitors
- Of impeccable safety and integrity
- That are convenient to him propers concume and

Principal Characteristics of the 21st Century Livestock and Meat Firm

- five year vision and strategy for getting there
- staff who share the vision
- food company not a meat trading company
- volume and value growth to spread overhead, underpin investment, and staff professional development
- operational excellence with effective performance measurement systems
- outstanding supplier and customer relationship management
- innovation in everything products, services, "Chusinesseystams yet never lose faith" (Jim Collins)
- continuous investment, despite increasingly tight

What do you do when you are Number One?

- It's your responsibility to show leadership:
 - in food safety
 - in quality
 - in building trust with consumers
 - in supply chain management
 - in innovation
 - in everything!
- It's inconceivable and would be commercial suicide to position yourself as:

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