Salt Time for Action in Hong Kong

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What puts up population BP?

- Salt intake
- Lack of Fruit and vegetables
- Weight
- Lack of Exercise
- (Alcohol excess)

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Eating out



Reducing salt intake Who is responsible?

Public

- Government
- Food industry

Developed countries 80% salt passive

... Food industry is responsible & must take it out

How?

- Slowly 10-30% per year
- No taste problems
- Almost no technical problems
- Voluntary but threat of legislation
- Clear labelling



CASH Strategy for Reducing Salt in UK

Salt inta	ake	Reduction	Target intake
Source	g/day	needed	g/day
Table/Cooking (15%)	1.4 g	40% reduction	0.9 g
Natural (5%)	0.5 g	No reduction	0.5 g
Food industry (80%)	7.6 g	40% reduction	4.6 g
τ	otal 9.5 g		Target 6.0 g

Targets set in UK by FSA & CASH

- Set targets for industry to achieve from 2005 to 2010. New targets set for 2012 over 80 categories of food
- Gradual reduction, 10-20% a year. No rejection by public
- Continuous media publicity to ensure industry collaborate
- Praise companies achieving targets, name and shame those not

N A C H

Monitor salt intake

- Measure 24h urinary sodium in a random sample of the population every 3 years
- Monitor reductions in the amount of salt added to foods by the food industry & ensure they will reach the target that has been set for each food group

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Perceived Barriers

- 1. Taste
- 2. Food technology
- 3. Safety
- 4. Commercial



Sea Water Comparison

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	60%	Madium	liood W/k

Pizza	60%	Medium Sliced white	50%
Chicken Curry	60%	Granary Loaf	60%
Processed Cheese	130%	Crumpets	80%
Bacon	200%	Digestive	60%
Sausages	100%	Cream Crackers	60%
Smoked Fish	190%	Cheddar Cheese	70%
Sweet Pickle	170%	Stilton Cheese	90%
Shepherds Pie	40%	Processed Cheese	130%
Frozen Prawns	80%	Branflakes	100%
Crisps	110%	Cornflakes	110%
Salad Cream	100%	Tomato Ketchup	110%
Savoury Biscuits	70%	Brown Sauce	100%

Salt reduction targets

Main Product Category	Sub Categories (where relevant)	Current 2010 Targets (g sait or mg sodium per 100g)*	Targets for 2012 (g salt or mg sodium per 100g)'	Comments
7. Baked Beans	7.1 Baked beans in tomate sauce without accompaniments	0.8g salt or 300mg sodium (inaximum)	0.63g selt or 250mg socium (meximum)	The Agency recignizes the significant reductions the time already been achieved in these products and the difficulties with achieving the 202 barget within the lineticane set. We will therefore review progress in both 2010 and 2012.
8. Ready meals and meal centres	8.1 Chinese/Thai Indian - ready meals includes all Chinese, Thei and Indian ready meals with occompaniment (patistic, rice, noodles etc.) made from med, poutry, lish or vegetables e.g. sweet and sour chicken with ide, theil mean curv with poodles. citizen Ilika.	0.8g sait or 300ng sosikan (average)	0.63g Salt or 250mg Sodium (severage) 1.13 Salt or 450mg Sodium (maximum)	The revised category data row includes of costed positivy products, a week as costed in products, wind an ennerative fair (a choses and crisin patients). Some vegatarian products based on read revisiopat reproducts og Quanter, Note-de ser excluded in ordegory Q, whereas the controls and ready media tendes in actegory N. We recognise that das manufactures are initiale a small regreg of products that de enderally high in position for example those based on choses and actives the constrained and a small ready constrained comparison based high in position for example those based on choses and patients that accurates and the America vanish accurated comparison based comparisons to actives the constraints on the America vanish accurated comparisons to actives the manufactures.
9. Soups	9.1 Dried soups (as consumed) includes all coups in a cup and other dried coups as consumed, i.e. once rehydrated.	0.6g set or 250mg sodium (average)	0.58g selt or 230mg sodium (average r) 0.73g selt or 290mg sodium (maximum)	It is proposed that just one target is set for scope. This would continue to apply to drive scope as consumed (made up according to manufacturers instructions). The Approvid source that a number of manufacturers are loading at the feasibility of this target for dried scop and we will reading converses in 2010.
10. Pizzas	10.1 Pizzas with higher salt toppings e.g. cured mest (han, bacon, pastrani, chortos, sat beef), olives, anchavies and smoked tish, hind cheese, prevents, crestific, creb, fune and "Cheese Peet" or similer toppings.	1.2g salt or 470ng sodium (average)	1.0g sait or 400mg sodium (ivversige r) 1.25g sait or 500mg sodium (meximum)	
11.Crisps and snacks	11.1 Standard potato crisps All standard potato crisps, all favours except salt and vinegar. Includes	1.5g salt or	1.38g set or 550mg socium	The Agency recognises that the snack sector has removed a considerable amount of salt from their products and has been removin artificial additives, monocodium gutamate and working on reducing
13, Bought Sandwiches	A level playin to th	g field Ie san	d - all com ne salt tar	panies work get
14. Table Sauces	ture 14.1 Tomato ketshup	2.4q set or		

VoluntaryRegulation/legislationQuickerSlowerContinuous media
pressureNo need for media
pressureAcceptable to
governmentParty in power may
changeBig reduction - difficultBig reduction - possibleFood industry needs "level playing field"

The voluntary 'carrot and stick' approach



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Change in salt content in bread from 2001 to 2011



UK Success by 2011

Salt intake has been reduced

from 9.5 to 8.1 g/d salt (15% ↓)

(24-hour urinary sodium) but target of 6 g/d still to be achieved

i.e. 49,000 tons/yr salt removed

So far ≈18000 strokes & heart attacks prevented per year (9,000 fatal)

Cost-effective Analysis UK (NICE)

Cost of salt campaign \approx £5 million per year Healthcare savings \approx £1.5 billion per year

http://guidance.nice.org.uk/PH25

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Worldwide Action

- 1. USA, Canada, Australia following UK model
- 2. Europe (ESAN) 16% reduction over 4 yrs
- 3. PAHO: Brazil sets targets, Chile, Argentina, Mexico following
- Asian-Pacific: Salt intake is very high, e.g. China, Japan, Korea. Urgent need to reduce salt

Global Food Industry could play a much more prominent role

Unilever & Pepsico worldwide salt reduction across their products
 Kellogg's, Nestle about to reduce salt globally to UK levels

South Africa

- Has set target of 5 g/d salt by 2025
- Minister of Health can regulate food supply
- 29 out of 30 major global food companies opted for a regulatory approach as it gave them a guarantee of a level playing field
- Salt targets set for 10 biggest contributors

Sources of salt in Hong Kong



Hong Kong

- Salt intake: \approx 12 g/d (high) measured by 24h urinary sodium
- Major sources of salt
 Processed food?
 Eating out
- Set target for biggest contributors
- Monitor progress

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 For voluntary policy – strong government support & forceful NGOs essential

Conclusion

Every country in the world must now

- 1. Set up salt reduction plan
- 2. Implement the plan

This is the single most cost-effective public health measure

It would be negligent for any government not to take action now