MÁTTUR MATARINS

Guðmundur Jóhannsson Lyf- og bráðalæknir

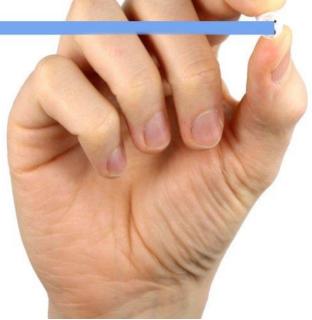




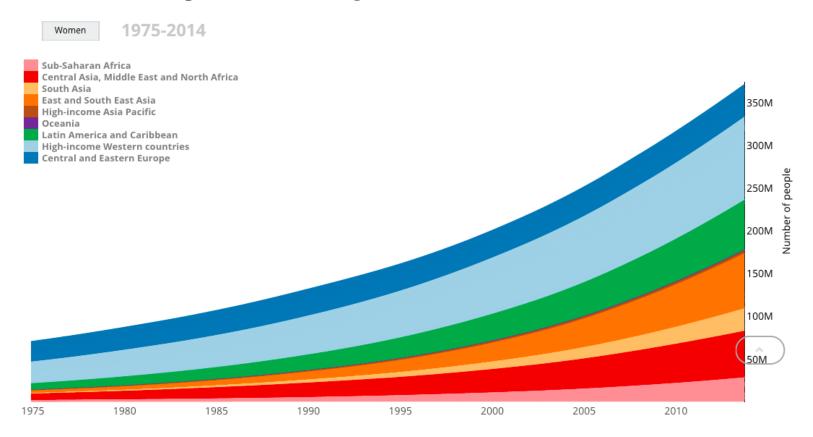




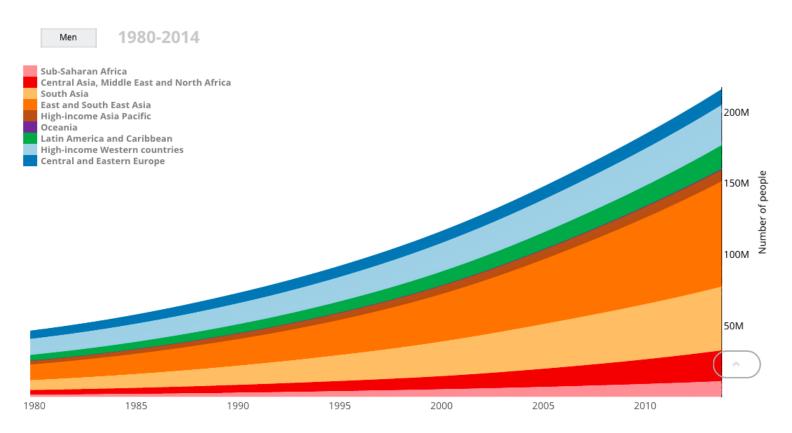
DIABETES



Vaxandi sjúkdómsbyrði - offita



Vaxandi sjúkdómsbyrði - sykursýki







Eat Less.

Exercise More.

Repeat.

The End.



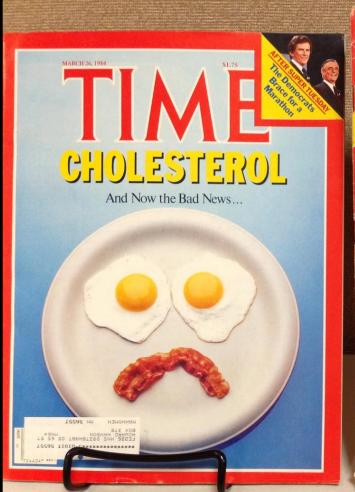
₩ TWEET

f SHARE

Why you shouldn't exercise to lose weight, explained with 60+ studies

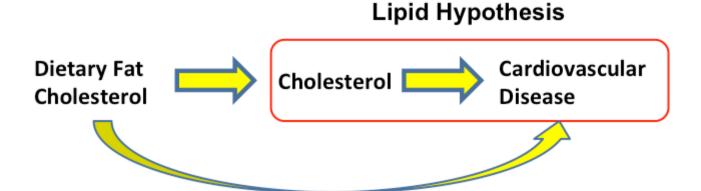
by Julia Belluz and Javier Zarracina on April 28, 2016







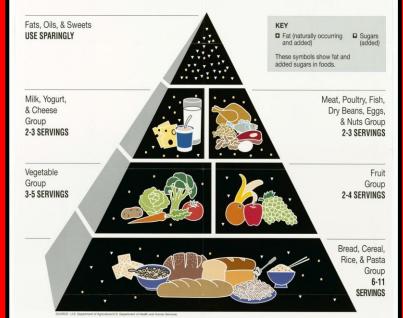
Diet-Heart Hypothesis





Food Guide Pyramid

A Guide to Daily Food Choices



Use the Food Guide Pyramid to help you eat better every day. . . the Dietary Guidelines way. Start with plenty of Breads, Cereals, Rice, and Pasta; Vegetables; and Fruits. Add two to three servings from the Milk group and two to three servings from the Meat group. Each of these

food groups provides some, but not all, of the nutrients you need. No one food group is more important than another — for good health you need them all. Go easy on fats, oils, and sweets, the foods in the small tip of the Pyramid.

U.S. Department of Agriculture • Center for Nutrition Policy and Promotion • August 1992 Reviewed and Approved for Reprinting September 1996, MP-1503 VİSIR

Þriðjudagur 6. október 1981

viòtal dagsins

"BEST AÐ BORÐA 6-8 BRAUÐSNEIÐAR Á DAG"

Vertical growth out of regulation: Clearly a "hormone" problem



Horizontal growth out of regulation: Not a "hormone" problem?



Hvað borða Íslendingar?

Breytingar á mataræði frá árinu 1990

Mataræði Íslendinga hefur að mörgu leyti gjörbreyst frá árinu 1990 og segja má að sterkustu einkenni íslensks mataræðis frá árum áður séu óðum að hverfa. Ef litið er á einstök matvæli eða matvælaflokka felast mestu breytingarnar í minni mjólkur-, fisk- og kartöfluneyslu en meiri neyslu gosdrykkja, vatns, grænmetis, ávaxta, brauða, morgunkorns og pasta. Kjötneysla hefur heldur aukist en minna er þó borðað af rauðu kjöti, þ.e. lambakjöti og nautakjöti, en því meira af svínakjöti og kjúklingum.

Fiskur og kartöflur hjá þeim eldri – pitsa, franskar og gos hjá þeim yngri

Það kemur væntanlega fáum á óvart að mataræði ungs fólks og eldra er að mörgu leyti gjörólíkt. Fiskur, pasta, franskar, gos og pitsa eru dæmi um fæðutegundir sem eru mjög aldurstengdar. Ungt fólk borðar sex sinnum meira af pasta en þeir elstu, tólf sinnum meira af frönskum kartöflum, tuttugu sinnum meira af pitsu og drekkur tíu sinnum meira af gosi. Pitsuneysla ungra stráka vekur sérstaka athygli, því hún er hvorki meira né minna en 120 grömm á dag að meðaltali, sem jafngildir stórri sneið á degi hverjum. Pitsan hefur greinilega leyst fiskinn af hólmi sem þjóðarréttur ungra Íslendinga, en ungt fólk borðar þrisvar sinnum minna af fiski en þeir elstu. Fiskneysla ungra stúlkna er þannig hverfandi lítil, eða einungis 15 grömm á dag að jafnaði, sem er varla munnbiti, og 23% ungra kvenna borða fisk sjaldnar en einu sinni í viku. Til samanburðar er kjötneysla ungra stúlkna 77 grömm á dag sem jafngildir kjötmáltíð annan hvern dag. Neyslan er auðvitað mismikil og 5% ungra kvenna segjast aldrei borða kjöt.





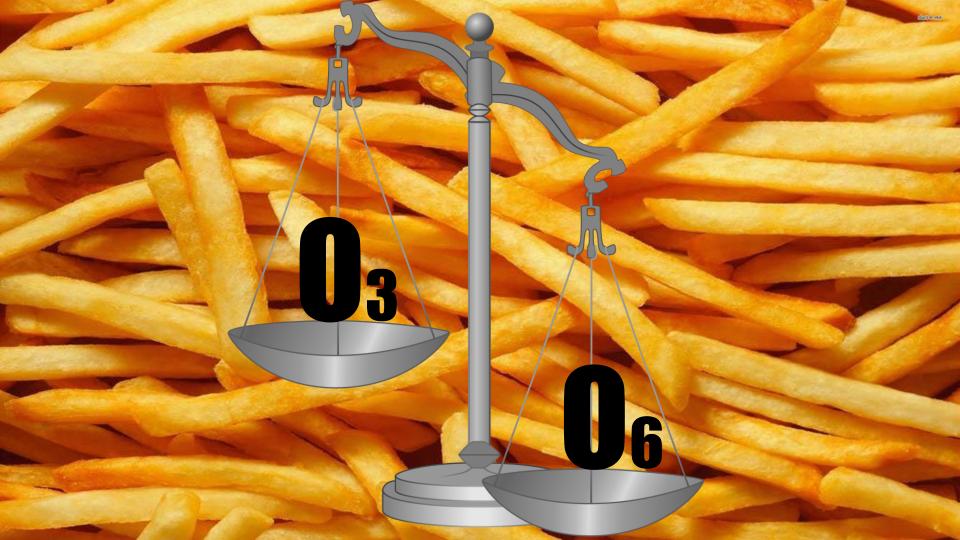
HARVARD PUBLIC HEALTH

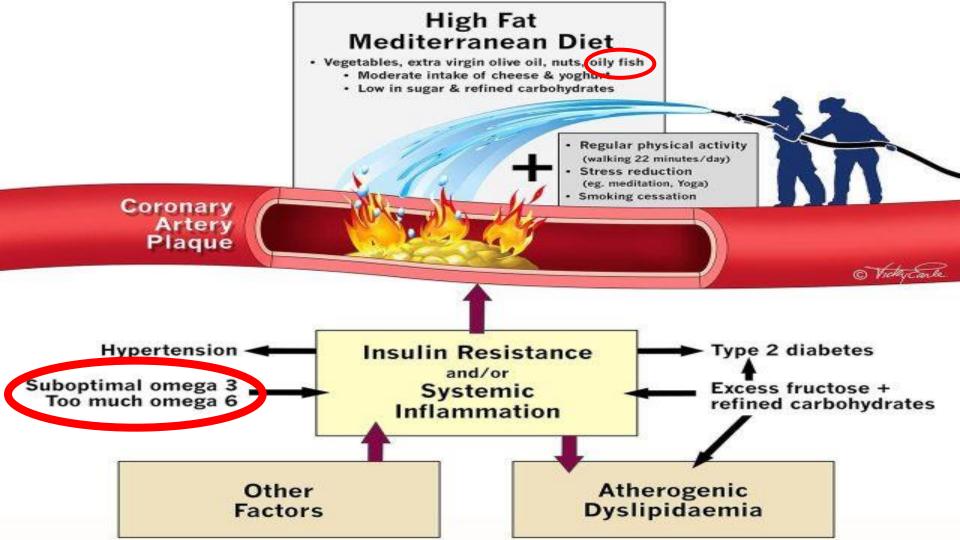
MAGAZINE OF THE HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH

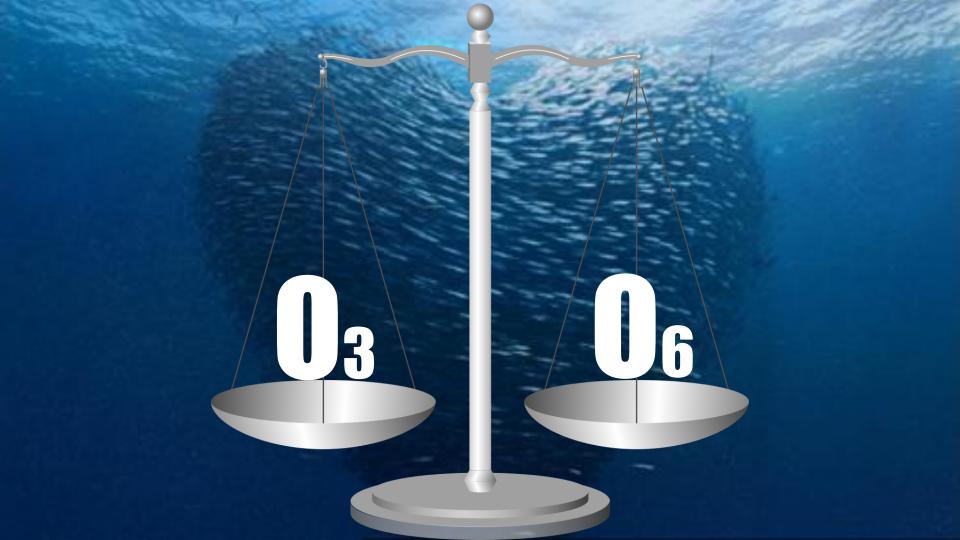














Research Institute

Thought leadership from Credit Suisse Research and the world's foremost experts





The Real Food Pyramid

The new paradigm: Fat on the rise

Based on our research, recent medical papers, the trends we analyzed in consumer demand and key data from the "OECD-FAO Agricultural Outlook 2015-2025," we have developed global and regional scenarios on the likely evolution of the consumption of fat, carbohydrates and protein. Here are our main forecasts:

- . The drive towards increased fat consumption witnessed over the last fifty years will accelerate due to the combination of higher per capita wealth in developing countries and the gradual acceptance in the developed world that fat is at least not bad, if not actually healthy. Fat consumption per capita is set to grow from the 26% of total energy intake registered albbally in 2011 (based on FAOSTAT data) to close to 31 % by 2030, with the U.S. going from the current 40% to 47% and the rest of the developed world from 35% to 40%. We believe that in the case of the U.S., the FAOSTAT numbers are too high to start with as we discussed before; based on the more reliable NHANES data, we believe fat consumption in the U.S. will expand from the current 33% to 38%.
- Carbohydrates will decline from 60% of global energy. intake in 2011 to 55% by 2030. Some will think that this is an aggressive forecast, as it took fifty years for carbohydrates to decline from 67% in 1961 to 60% in 2011. But we believe that the rising awareness of the link between excess carbohydrate consumption (and particularly sugar) and type 2 diabetes, cardiovascular issues and mental illnesses will most likely accelerate the historical trend.
- For the U.S., we believe carbohydrates will decline hydrates will likely decline by 2%. This implies from the current 51% of total caloric intake (based annual compound growth of 1.3% for fat consumpon NHANES) to 45%; for Europe we are likely to tion, compared to 0.9% over the last fifty years. see a decline from 52% to 46%. Similar percent- Total demand for fat will be much higher - 43% up ages apply to the rest of the developed world. If any- for fat or 1.9% a year- given the 16% growth in thing, we believe the decline of the percentage of the global population expected over the next fifenergy we source from carbohydrates in the devel-teen years. oped world could be sharper.
- · Protein will grow just a little from 11% of daily energy intake globally to 12% by 2030 and should remain stable in the developed world and in the U.S. at 15-17%.

- . Within fat, saturated fat is likely to experience the fastest growth, going from 9.4% in 2011 to 12.7% of daily energy intake by 2030, monounsaturated from 10.2% to 12.2%. We expect polyunsaturated omega-6 to dedine slightly from 6% to 5.4% and omega-3 to grow from 0.50% to 0.55% (excluding supplements).
- . Finally, we believe that calorie intake in the developed world-1.3 billion people or almost 20% of the total population-will dedine from the current levels of 3,340 calories per day (using the FAO database) to 3,180; emerging markets instead-5.5 billion people or 80% of the total-will continue to catch up from the current 2,760 and get to 3,060 by 2030. We assume that 90% of these additional calories will come from the increase in fat consumption; saturated fat alone should account for two thirds of the increase in calorie intake.

The bottom line of these assumptions is that fat consumption per capita is likely to soar by 23% from now until 2030, protein by 12%, and carbo-

	2011	2016	2021	2026	2030
East Asia & Pacific	28	30	32	35	36
Eastern Asia	28	30	32	34	36
Japan	29	29	29	29	29
Eastern Asia ex-Japan	27	30	32	35	37
Oceania	40	41	42	43	43
Australia	42	43	44	44	45
Oceania ex-Australia	34	35	36	37	37
Europe & Central Asia	34	35	37	39	40
Latin America & Caribbean	28	31	33	36	38
North America	40	42	44	46	47
Middle East & North Africa	23	26	28	31	33
South Asia	20	20	21	22	23
Southern Asia	19	20	21	22	23
India	19	20	21	21	22
Southern Asia ex-India	20	21	23	24	26
South-Eastern Asia	20	21	22	22	23
Sub-Saharan Africa	19	20	22	23	24
World	26	27	28	30	31

Regional estimates of the percentage of total fat per capita

Source: FAOSTAT, Credit Suisse estimates







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http://www.thelancet.com/gbd

"Good Calories, Bad Calories: Fats, Carbs, and the Controversial Science of Diet and Health" - Gary Taubes

"Dietary α-Linolenic Acid, Marine ω-3 Fatty Acids, and Mortality in a Population With High Fish Consumption: Findings From the PREvención con Dleta MEDiterránea (PREDIMED) Study"

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