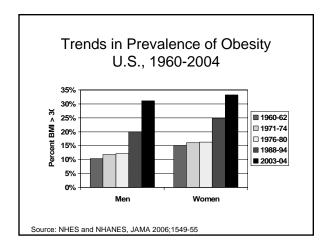
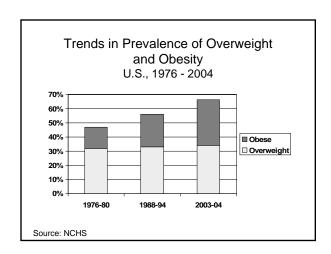
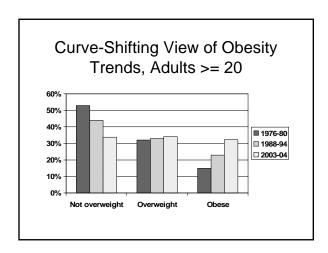
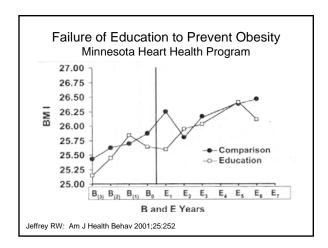
Environmental and Policy Approaches to the Obesity Epidemic

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Department of Community Health
Sciences









Approaches to Smoking Prevention

- School-based and community-based education programs to prevent smoking generally have small, temporary effects
- "Environmental" approaches have good evidence of effectiveness
 - Advertising restrictions
 - Counter-advertising
 - Taxes
 - Indoor smoking bans

The Modern Environment and Obesity

- Our everyday world encourages us to:
 - -Expend few calories
 - -Consume more calories than we need

Environmental Features Which Decrease Energy Expenditure

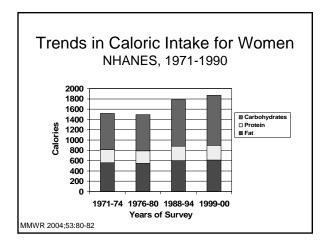
- Television
- Cars
- Designs of cities/towns that encourage driving and inhibit walking
- Elevators and escalators
- Computers

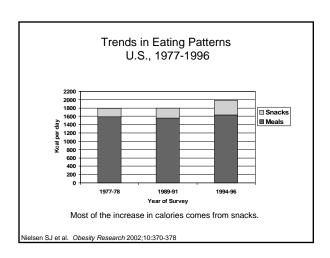


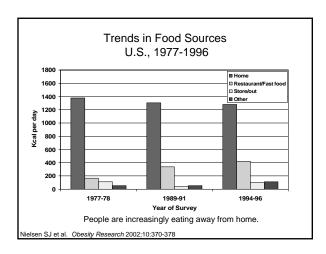
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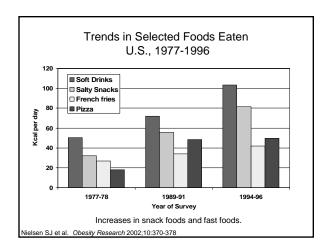
Environmental Changes to Increase Caloric Expenditure

- Mandate sidewalks and bike lanes on all roads
- Change zoning to encourage mixed-use, high-density, grid-layout development
- Build more neighborhood parks and playgrounds
- Change building codes and building designs to make stairways accessible and attractive
- Establish recreational programs for children and adults









Environmental Factors That Increase Intake of Calories and Fat

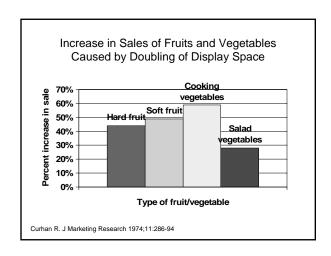
- Availability and low cost of high-calorie, high-fat foods
- Advertising of high-calorie, high-fat foods



Calories in Fast Food Burger King

		<u>Calories</u>
Value Meal	Whopper	660
\$3.39	Small French Fries	250
	22 oz. Soft drink	<u>280</u>
	Total	1,190
King Size Value Meal	Whopper	660
\$4.19	Medium French Fries	400
	32 oz. Soft Drink	<u>410</u>
	Total	1,470





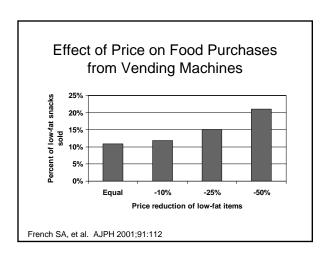






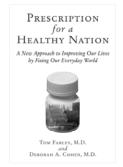
Environmental Changes to Decrease Intake Calories

- Taxes on calorie-dense snack food
- Use income from taxes for:
 - Subsidies for fruits and vegetables



Environmental Changes to Decrease Intake of Calories

- Taxes on high-fat, high-calorie food
- Use income from taxes for:
 - Subsidies for fruits and vegetables
 - Media campaign promoting fruits and vegetables
 - Counter-advertising against junk food
- Regulation on calorie density of food
- Limitations on number and location of:
 - Fast-food restaurants
 - Soft-drink and snack vending machines
- Ban drive-through windows
- Ban advertising junk food to kids
- · Ban soft drinks and junk food from schools
- Remove soft drinks and junk food from worplaces



More at www.healthscaping.org