



## Time Capsule of America's Food System

By Michael F. Jacobson<sup>1</sup>

In 1975, Catherine Lerza and I, of the Center for Science in the Public Interest, edited *Food for People Not for Profit* (Ballantine Books), a comprehensive book about America's food system. Now, some five decades later, it is fascinating to see what people were concerned about back then (and what they missed) and how those issues were resolved, ignored, or worsened. Did diet-related diseases become more or less prevalent; did industry become more or less consolidated and competitive; what food policies have been improved or degraded?

I have been astonished by some of the changes...and also astonished by some of the things that did *not* change. Some highlights:

- Since 1975 the price of milk (adjusted for inflation) has dropped in half!
- Since 1980, obesity in adults soared from 12 to 40 percent and in youths from 6 to 22 percent.
- Over the past 50 years, fresh vegetable consumption barely budged, though fresh fruit consumption increased by about a fourth.
- Calories from eating out soared from 18 percent of total calories to 32 percent.
- Consumption of refined sugars is only about 10 percent greater than in 1975.
- Ultra-processed foods (formerly called junk foods) are mostly high in added sugars, saturated fat, or salt. Between 1999 and 2018 those foods climbed from 61 percent to 67 percent of youths' diets<sup>1</sup> and from 53 percent to 57 percent of adults' diets.<sup>2</sup>
- We are eating one-third less beef, more than twice as much poultry, and one-fourth more pork.
- Heart disease deaths (per 100,000 people) declined by a remarkable 77 percent and stroke deaths by 55 percent.
- One supermarket chain—Walmart—sells one-fourth of all groceries.
- The four biggest firms control 85 percent of beef processing, 70 percent of pork processing, and 54 percent of poultry production.<sup>3</sup>

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<sup>1</sup> Michael Jacobson is the co-founder and former executive director of the Center for Science in the Public Interest and more recently the founder of the National Food Museum.

Some other notable changes:

- organic foods are a major segment of the food industry;
- baby foods are no longer adulterated with water, sugar, and starch;
- food labels now provide detailed nutrition information;
- bioengineered crops were unknown 50 years ago but now constitute the vast majority of corn, soybeans, canola, and cotton;
- partially hydrogenated vegetable oil (with its artificial trans fat) has been banned because it causes heart disease.
- On the other hand:
  - the marketing of junk foods for children remains unregulated;
  - only a few American cities (but many countries) tax sugar drinks;
  - nutrition education is still a minor after-thought in medical schools;
  - the government has failed to restrict sodium in processed and restaurant foods, leading to as many as 100,000 premature deaths annually.

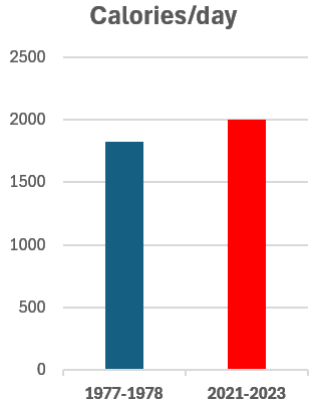
Explore the numbers and graphs below and see what surprises you!

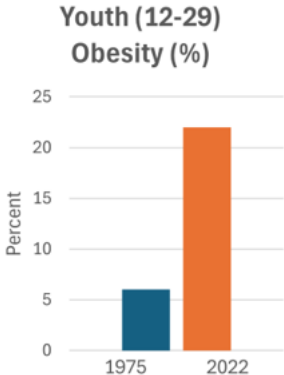
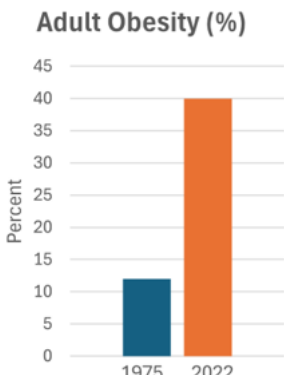
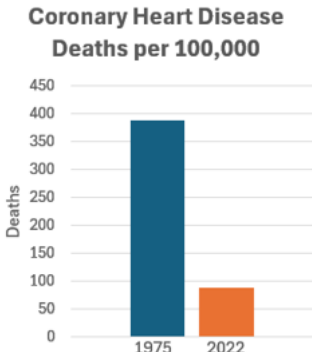
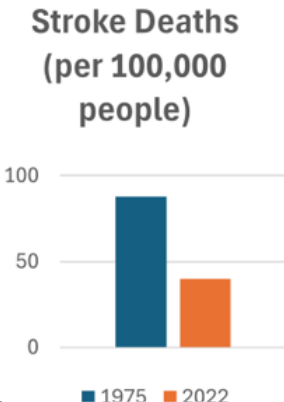
*Note: in measuring costs, deaths, and other data, assessment methodologies might have changed over the years. Also, the figures for the amounts of the foods we eat are adjusted for losses from the farm to the store, but do not include losses once the foods are purchased by consumers. Actual consumption is probably about one-third to one-half less than shown.*

\* \* \*

**Sections: Nutrition & Health   Food Consumption   Miscellaneous**

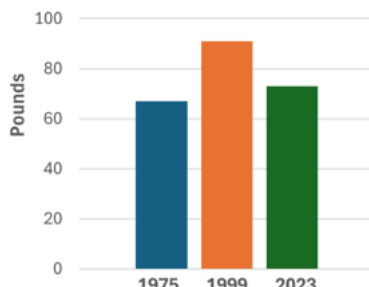
**Food Industry   Farming   Anti-hunger Programs   Public Awareness**

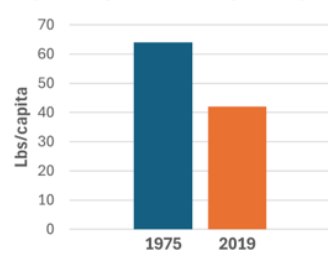
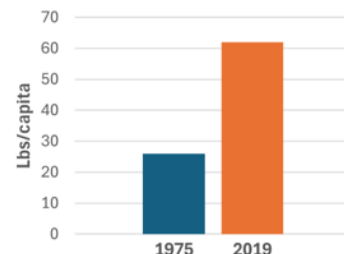
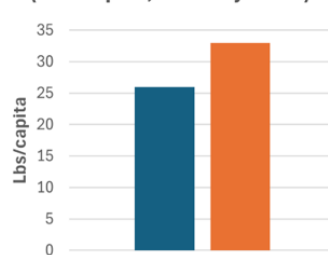
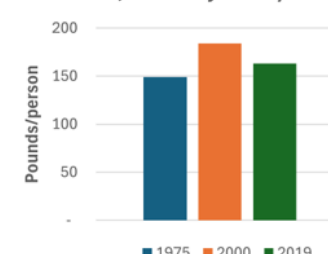
Concern	~1975	~2025
<b>Nutrition &amp; Health</b>		
Calorie consumption per day (all ages)	1,826 calories <sup>4</sup> 	1,999 calories (2021-2023) <sup>5</sup>

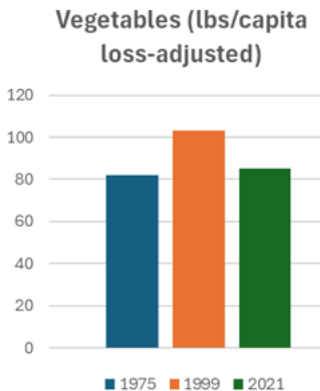
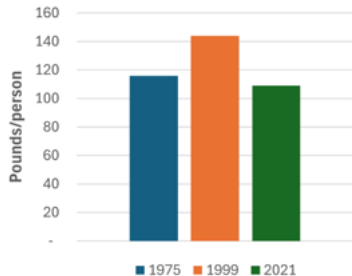
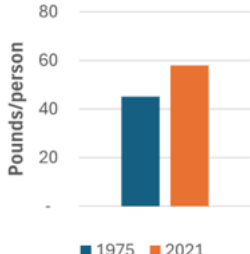
Obesity rates	<p>Youths (12–19): 6%<sup>6</sup></p> <p>Adults: 12%<sup>7</sup></p> <p><b>Youth (12-29) Obesity (%)</b></p>  <table><tr><th>Year</th><th>Obesity (%)</th></tr><tr><td>1975</td><td>6</td></tr><tr><td>2022</td><td>22</td></tr></table>	Year	Obesity (%)	1975	6	2022	22	<p>Youths 12–19: 22%<sup>8</sup></p> <p>Adults: 40%<sup>9</sup> (includes 10% severely obese)</p> <p><b>Adult Obesity (%)</b></p>  <table><tr><th>Year</th><th>Obesity (%)</th></tr><tr><td>1975</td><td>12</td></tr><tr><td>2022</td><td>40</td></tr></table>	Year	Obesity (%)	1975	12	2022	40
Year	Obesity (%)													
1975	6													
2022	22													
Year	Obesity (%)													
1975	12													
2022	40													
Coronary heart disease deaths (per 100,000 people)	<p>388 (that was after a 25% decrease between 1950–1975)<sup>10</sup></p>	<p>88 (2022; 77% decline due to medications (statins), reduced smoking, healthier diets)<sup>11</sup></p> <p><b>Coronary Heart Disease Deaths per 100,000</b></p>  <table><tr><th>Year</th><th>Deaths per 100,000</th></tr><tr><td>1975</td><td>388</td></tr><tr><td>2022</td><td>88</td></tr></table>	Year	Deaths per 100,000	1975	388	2022	88						
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1975	388													
2022	88													
Stroke deaths (per 100,000 people)	<p>88 (1975)<sup>12</sup></p>	<p>40 (2022)<sup>13</sup> (55% decline, due to medications, reduced smoking, diet)</p> <p><b>Stroke Deaths (per 100,000 people)</b></p>  <table><tr><th>Year</th><th>Deaths per 100,000</th></tr><tr><td>1975</td><td>88</td></tr><tr><td>2022</td><td>40</td></tr></table>	Year	Deaths per 100,000	1975	88	2022	40						
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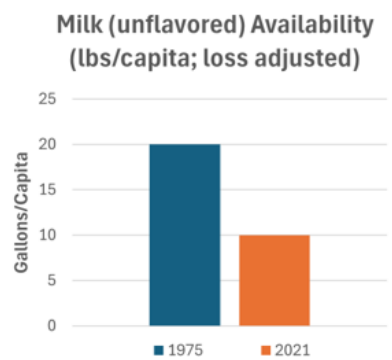
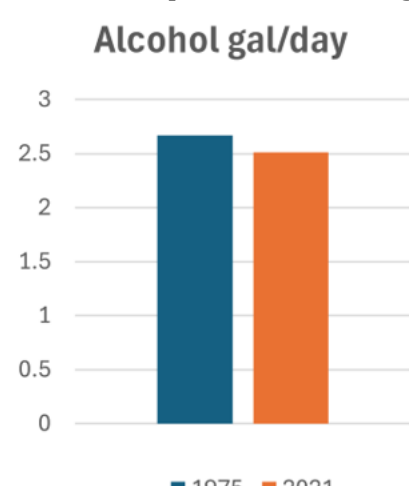
Diet-related conditions and diseases treated by Rx drugs	Hypertension, stroke, diabetes	Hypertension, stroke, high blood cholesterol, coronary heart disease, diabetes, obesity
Trans fat – formed when polyunsaturated vegetable oils are partially hydrogenated	No concerns about safety <sup>14</sup>	Banned in 2018 because studies done since the early 1990s showed that artificial trans fat was causing tens of thousands of deaths annually. <sup>15</sup>
Salt (sodium chloride) – a cause of high blood pressure, heart attacks, and strokes	3,232 mg/day <sup>16</sup> (1999-2000) Recognized as a problem, but no regulations or restrictions	3,400 mg/day <sup>17</sup> Excess sodium kills as many as 100,000 Americans annually. Sodium now listed on Nutrition Facts labels. FDA urges industry to reduce sodium in products, but did not set limits or require warning labels on high-sodium foods. <sup>18</sup>
Federal nutrition advice	Eat a variety of foods. Avoid too much fat, saturated fat, cholesterol, sugar, sodium, and alcohol. Eat foods with adequate starch and fiber. <sup>19</sup>	A healthy diet includes vegetables, fruit, grains (especially whole grains), dairy (fat-free and low-fat) and plant versions, protein foods (lean meat/poultry, eggs, seafood, beans, nuts, soy foods), oils (from vegetables, seafood, nuts). Limit foods and beverages higher in added sugars, saturated fat, and sodium, and limit alcoholic beverages. <sup>20</sup>
Nutrition education in medical schools	Modest recognition of the need; mostly focused on currently unimportant nutrient deficiency diseases	Broad recognition of the need, with modest progress and greater focus on disease prevention and cooking <sup>21</sup>

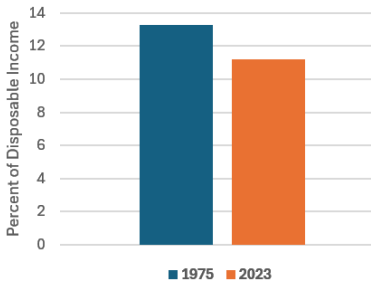

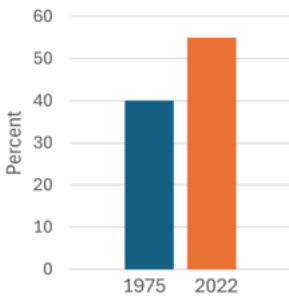
### Food Consumption

Refined sugars availability (including corn syrups) <sup>22</sup>	<p>67 lbs per person. Major concern was caries.</p> <p><b>Refined Sugars Available for Consumption (lbs/cap.)</b></p>  <table><tr><th>Year</th><th>Refined Sugars Available (lbs/cap.)</th></tr><tr><td>1975</td><td>67</td></tr><tr><td>1999</td><td>91</td></tr><tr><td>2023</td><td>73</td></tr></table>	Year	Refined Sugars Available (lbs/cap.)	1975	67	1999	91	2023	73	<p>73 lbs per person (2023) (peak was 91 lbs in 1999); recent decline mostly due to reduced drinking of carbonated sugar drinks. Health concerns include obesity, diabetes, heart disease, caries.</p>
Year	Refined Sugars Available (lbs/cap.)									
1975	67									
1999	91									
2023	73									

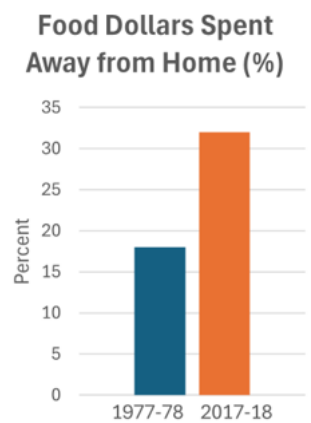
Beef availability (loss-adjusted) <sup>23</sup>	64 lbs/person	42 lbs/person (2019) 
Poultry availability (loss-adjusted) <sup>24</sup>	26 lbs/person 	62 lbs/person (2019)
Pork availability (loss-adjusted) <sup>25</sup>	26 lbs/person	33 lbs/person (2019) 
Total vegetables (loss-adjusted) <sup>26</sup>	149 lbs/person	163 lbs/person (2019; includes 47% (17 lb) decline in fresh potatoes) (peak was 184 lbs in 2000) 

Fresh vegetable availability (loss-adjusted) <sup>27</sup>	82 lbs/person	85 lbs/person (2021) (peak was 100 lbs in 1999)  <table><caption>Vegetables (lbs/capita loss-adjusted)</caption><thead><tr><th>Year</th><th>Availability (lbs/capita)</th></tr></thead><tbody><tr><td>1975</td><td>82</td></tr><tr><td>1999</td><td>100</td></tr><tr><td>2021</td><td>85</td></tr></tbody></table>	Year	Availability (lbs/capita)	1975	82	1999	100	2021	85
Year	Availability (lbs/capita)									
1975	82									
1999	100									
2021	85									
Total fruit (fresh, frozen, juice, dried; loss-adjusted) <sup>28</sup>	116 lbs/person  <table><caption>Total Fruit Availability (fresh, frozen, etc.; loss-adjusted)</caption><thead><tr><th>Year</th><th>Availability (Pounds/person)</th></tr></thead><tbody><tr><td>1975</td><td>116</td></tr><tr><td>1999</td><td>144</td></tr><tr><td>2021</td><td>109</td></tr></tbody></table>	Year	Availability (Pounds/person)	1975	116	1999	144	2021	109	109 lbs/person (2021) (peak was 144 lbs in 1999)
Year	Availability (Pounds/person)									
1975	116									
1999	144									
2021	109									
Fresh fruit availability (loss-adjusted) <sup>29</sup>	45 lbs/person  <table><caption>Fresh Fruit Availability (loss-adjusted)</caption><thead><tr><th>Year</th><th>Availability (Pounds/person)</th></tr></thead><tbody><tr><td>1975</td><td>45</td></tr><tr><td>2021</td><td>58</td></tr></tbody></table>	Year	Availability (Pounds/person)	1975	45	2021	58	58 lbs/person (2021)		
Year	Availability (Pounds/person)									
1975	45									
2021	58									

Milk (fluid) availability (loss-adjusted) <sup>30</sup>	20 gal/person	10 gal/person (2021) 
Alcoholic beverages (total of beer, wine, liquor) <sup>31</sup>	2.67 gal alcohol/person; 61,000–95,000 deaths <sup>32</sup> ; \$43 billion (\$78 billion in 2024 dollars) in economic costs (does not include pain and suffering) <sup>33</sup> 	2.51 gal alcohol/person (2021); 178,000 deaths (2020-21; in a 55% larger population) <sup>34</sup> ; \$249 billion in economic costs (2010; \$360 billion in 2024 dollars; does not include pain and suffering) <sup>35</sup> or \$2.05 per drink (2010 <sup>36</sup> ; \$2.98 in 2024 dollars)
<b>Miscellaneous</b>		
Baby foods	Major brands of strained foods contained less than 50% fruit and more than 50% fillers (water, sugar, modified starch). <sup>37</sup>	Strained foods are 100% fruit. Several companies are marketing healthier and organic baby foods.

Percent of income consumers spend on food	13.3% <sup>38</sup>	11.2% <sup>39</sup>  <b>Consumer Food Expenditures (percent of disposable income)</b>  <table><tr><th>Year</th><th>Percent of Disposable Income</th></tr><tr><td>1975</td><td>13.3%</td></tr><tr><td>2023</td><td>11.2%</td></tr></table>	Year	Percent of Disposable Income	1975	13.3%	2023	11.2%
Year	Percent of Disposable Income							
1975	13.3%							
2023	11.2%							
Food Prices <sup>40</sup>	Whole milk: \$1.57 per gallon (\$9.14 in 2024 dollars) Eggs: 70¢ per dozen (\$4.06 in 2024 dollars) Ground beef: 99¢ per pound (\$5.75 in 2024 dollars)  <b>Milk Price/Gallon (inflation-adjusted)</b>  <table><tr><th>Year</th><th>Cost/gallon</th></tr><tr><td>1975</td><td>\$9.14</td></tr><tr><td>2024</td><td>\$1.57</td></tr></table>	Year	Cost/gallon	1975	\$9.14	2024	\$1.57	Whole milk: \$4.43 per gallon (organic: \$9.68) <sup>41</sup> Eggs: too volatile to specify because of bird flu Ground beef: \$5.63 per pound <sup>42</sup>
Year	Cost/gallon							
1975	\$9.14							
2024	\$1.57							
Food dollars spent away from home <sup>43</sup> – meals tend to be high in calories, sodium, and saturated fat and low in fiber. <sup>44</sup>	40% (1975)	55% (2023)  <b>Food Dollars Spent Away from Home (%)</b>  <table><tr><th>Year</th><th>Percent</th></tr><tr><td>1975</td><td>40%</td></tr><tr><td>2022</td><td>55%</td></tr></table>	Year	Percent	1975	40%	2022	55%
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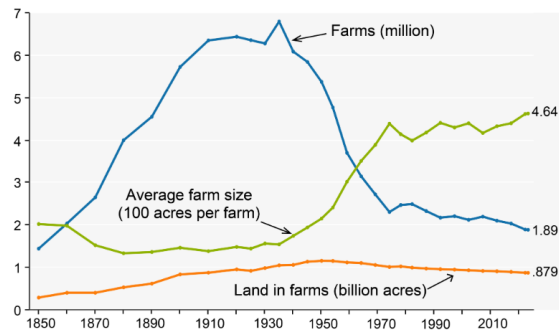
Percent of calories from foods purchased away from home <sup>45</sup>	18% (1977–1978)	32% (2017–2018)  <p>The bar chart shows the percentage of food dollars spent away from home for two periods: 1977-78 and 2017-18. The y-axis is labeled 'Percent' and ranges from 0 to 35 in increments of 5. The 1977-78 bar is dark blue and reaches 18%. The 2017-18 bar is orange and reaches 32%.</p> <table><tr><th>Period</th><th>Percent</th></tr><tr><td>1977-78</td><td>18%</td></tr><tr><td>2017-18</td><td>32%</td></tr></table>	Period	Percent	1977-78	18%	2017-18	32%
Period	Percent							
1977-78	18%							
2017-18	32%							
Food labeling	Ingredients, but not nutrients, were required to be listed on most foods.	Nutrition Facts labels required on all foods since 1994. <sup>46</sup> Chain restaurants with over 20 units must list calories on menus. (Several countries require warnings on foods high in calories, sodium, added sugars, saturated fat.)						
Major national campaigns to encourage people to eat healthier diets	None	None						
<b>Food Industry</b>								
Production and advertising of unhealthy foods aimed at kids	Widespread, no limits	Modest voluntary limits <sup>47</sup> ; some companies have improved the nutrient and safety profiles of their products						
Retail grocery industry	20 grocers held 40% of the market <sup>48</sup>	Four companies – Walmart, Costco, Kroger and Ahold Delhaize – control 65% of the retail market. <sup>49</sup> Walmart alone held 24% of the market (2023). <sup>50</sup>						
Control of market by top four companies <sup>51</sup>	Beef: 36% Pork: 34% (1980) <sup>52</sup> Chicken: <30% <sup>53</sup>	Beef: 85% Pork: 70% Chicken: 54%						
Junk food taxes	Not an issue	Several cities (Berkeley, Oakland, San Francisco, Philadelphia, Seattle, others) tax sugar drinks to reduce consumption and raise revenues, but there is no state or national tax. <sup>54</sup>						

## Farming

Farms: size, number, acreage<sup>55</sup>

Farms, land in farms, and average acres per farm, 1850–2023

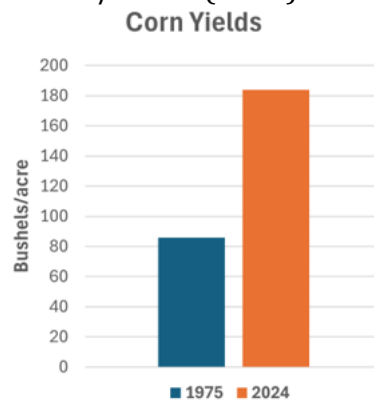
Million farms, billion acres, or 100 acres per farm



Corn production

86 bushels/acre<sup>56</sup> (1975)

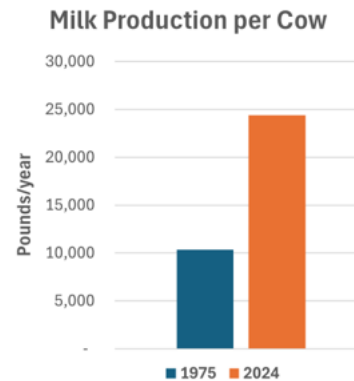
184 bushels/acre<sup>57</sup> (2024)



Milk production per cow (annual)

10,360 lbs (1975)<sup>58</sup>

24,395 lbs (2024)<sup>59</sup>



Beef cows, average weight

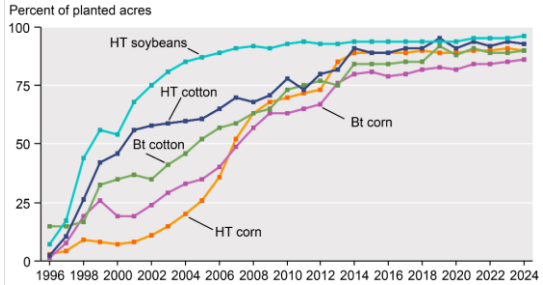

1,047 lbs<sup>60</sup>

1,382 lbs (2020)<sup>61</sup>

Methods for increasing crop and animal productivity and other traits

Hybridization/crossbreeding; mutagenesis (via irradiation and chemicals)

Hybridization/crossbreeding, mutagenesis, genetic engineering, CRISPr

Bioengineered crops <sup>62</sup>	Corn, soybeans, cotton, canola: 0%	Corn, soybeans, cotton, canola: >90% 
Organic food	Minuscule market share, low quality, no official definition of “organic”	High-quality certified organic food is available at all major retailers. In 2021 under 1% of cropland was organic <sup>63</sup> but 6% of food sold (\$60 billion/year <sup>64</sup> ) was organic. <sup>65</sup>
<b>Anti-hunger Programs</b>		
SNAP (Food Stamp) program	\$5.1 billion (\$33 billion in 2024 dollars)	\$122 billion (2024) <sup>66</sup>
School foods	Meals often high in salt, saturated fat, refined grains. Candy and soft drinks readily available in cafeterias and vending machines.	Limits placed on calories, saturated fat, added sugars, and sodium in school foods. <sup>67</sup> Ban on junk foods in cafeterias and vending machines. <sup>68</sup>
WIC (Women, Infant, Children) Program <sup>69</sup>	Permanently established in 1975.	Benefits 6.6 million mothers and children; \$7 billion (2024) <sup>70</sup>
National minimum wage	\$2.10 <sup>71</sup> (\$12.22 in 2024 dollars)	\$7.25/hour <sup>72</sup> 
<b>Public Awareness</b>		
<b>Matters Rarely or Not Discussed</b>	Vegetarian/vegan diets Trans fat Organic foods Farm animal welfare Health equity Plant-based milk and meat Genetically engineered crops and animals	??

	Antibiotic-resistant bacteria in food Ultra-processed foods Packaging contaminants Microplastics Web-based food shopping and restaurant reservations Regenerative agriculture Walmart, Amazon Obesity and diabetes epidemics	
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## Endnotes

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- <sup>1</sup> Wang L, et al. Trends in Consumption of Ultraprocessed Foods Among US Youths Aged 2-19 Years, 1999-2018. *JAMA*. 2021;326:519-530.
  - <sup>2</sup> Filippa J, et al. Ultra-processed food consumption among US adults from 2001 to 2018. *Am J Clin Nutr*. 2022; 115:211-221.
  - <sup>3</sup> The White House. Fact sheet: The Biden-Harris Action Plan for a Fairer, More Competitive, and More Resilient [Meat](#) and Poultry Supply Chain. Jan. 3, 2022.
  - <sup>4</sup> [USDA](#). National Food Consumption Survey, 1977-1978, Report I-2. Agricultural Research Service.
  - <sup>5</sup> [USDA](#). Agricultural Research Service. What We Eat in America. Fact Sheet.
  - <sup>6</sup> Frya CD, et al. Prevalence of Overweight and Obesity Among Children and Adolescents: United States, 1963–1965 Through 2011–2012. [CDC.gov](#).
  - <sup>7</sup> Frya DC, et al. Prevalence of Overweight, Obesity, and Severe Obesity Among Adults Aged 20 and Over: United States, 1960–1962 Through 2015–2016. [CDC.gov](#).
  - <sup>8</sup> Childhood Obesity Facts. [CDC.gov](#) NHANES data for 2017–2020.
  - <sup>9</sup> Data on obesity prevalences are from CDC.gov. NHANES data for 2021–2023: [NCHS Data Brief No. 508](#), Sept. 2024.
  - <sup>10</sup> CDC. [National](#) Vital Statistics System, Mortality: Compressed Mortality File 1968-1978. CDC WONDER Online Database, compiled from Compressed Mortality File CMF 1968-1988, Series 20, No. 2A, 2000.
  - <sup>11</sup> American Heart [Association](#). 2025 Heart Disease and Stroke Statistics: A Report of US and Global Data From the American Heart Association. Table 21-1; Pers. Comm. AHA.
  - <sup>12</sup> Ananth CV, et al. Epidemiology and trends in stroke mortality in the USA, 1975–2019. *International Journal of Epidemiology*. 2023(June); 52:858–66.
  - <sup>13</sup> CDC. [Stroke Facts](#). Oct. 24, 2024.
  - <sup>14</sup> Senti FR, ed. Evaluation of the Health Aspects of Hydrogenated Soybean Oil as a Food Ingredient. [FASEB](#); 1976.
  - <sup>15</sup> Amico A. The Demise of Artificial Trans Fat: A History of a Public Health Achievement. *Milbank Q*. 2021 Sep;99(3):746-770.
  - <sup>16</sup> Brouillard, A. M. et al., *Trends in Dietary Sodium Intake in the United States and the Impact of USDA Guidelines: NHANES 1999-2016*. *Am J Med*., 132:10, 1199 - 1206.e5.
  - <sup>17</sup> U.S. Food and Drug [Administration](#), *Sodium in Your Diet*, 2024.
  - <sup>18</sup> Jacobson MF. *Salt Wars: The War Over the Biggest Killer in the American Diet*. (MIT Press, 2020)
  - <sup>19</sup> U.S. Departments of Agriculture and Health and Human Services. [Dietary Guidelines for Americans](#). (1980)
  - <sup>20</sup> U.S. Departments of Agriculture and Health and Human Services. [Dietary Guidelines for Americans](#) 2020–2025. (2020)
  - <sup>21</sup> Millard E. How Nutrition Education for Doctors is Evolving. *Time*. May 24, 2023.
  - <sup>22</sup> Economic Research Service. USDA. [Sugar and sweeteners](#); loss-adjusted food availability. Sept. 27, 2024.
  - <sup>23</sup> Economic Research Service. USDA. [Loss -Adjusted Food Availability](#).
  - <sup>24</sup> Economic Research Service. USDA. [Loss-Adjusted Food Availability](#).
  - <sup>25</sup> Economic Research Service. USDA. [Loss-Adjusted Food Availability](#).
  - <sup>26</sup> Economic Research Service, USDA, [Loss-Adjusted Food Availability](#).
  - <sup>27</sup> Economic Research Service. USDA. [Loss-Adjusted Food Availability](#).
  - <sup>28</sup> Economic Research Service. USDA. [Loss-Adjusted Food Availability](#).
  - <sup>29</sup> Economic Research Service. USDA. [Loss-Adjusted Food Availability](#).
  - <sup>30</sup> Economic Research Service. U.S. Department of Agriculture. [Loss-Adjusted Food Availability](#).
  - <sup>31</sup> Apparent Per Capita Alcohol [Consumption](#): National, State, and Regional Trends, 1977–2021, Surveillance Report #120, National Institute on Alcohol Abuse and Alcoholism, April 2023.
  - <sup>32</sup> National Research Council (US) [Panel](#) on Alternative Policies Affecting the Prevention of Alcohol Abuse and Alcoholism; Moore MH, Gerstein DR, editors. [National Academies Press \(US\)](#). 1981.
  - <sup>33</sup> Gurstein D. Alcohol Use and [Consequences](#).
  - <sup>34</sup> National Institute on Alcohol Abuse and Alcoholism. Alcohol-related emergencies and [deaths](#) in the United States. Nov. 2024.
  - <sup>35</sup> CDC. Addressing [Excessive Alcohol Use](#): State Fact Sheets. (2024 update)

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- <sup>36</sup> CDC. Excessive alcohol use continues to be drain on American [economy](#). Oct. 15, 2015.
- <sup>37</sup> Jacobson MF. “Cheating Babies.” Center for Science in the Public Interest. 1996. Also: Center for Science in the Public Interest petition to the FTC on Gerber’s deceptive advertising. Feb. 14, 1996.
- <sup>38</sup> [USDA](#). Economic Research Service. Zeballos E, Sinclair W. Aug. 14, 2023.
- <sup>39</sup> [USDA](#). Economic Research Service. Zeballos E, Rivera-Cintrón D, Sinclair W. *Amber Waves*. Oct. 8, 2024.
- <sup>40</sup> Dimberg K. Taste of Home. This Is What Groceries [Cost](#) the Year You Were Born. July 11, 2024.
- <sup>41</sup> Cornell University. Retail Milk Prices [Report](#). Dec. 2024.
- <sup>42</sup> U.S. Bureau of Labor Statistics. Nov. 2024.
- <sup>43</sup> Economic Research Service. USDA. Interactive [Charts](#): Food Expenditures
- <sup>44</sup> Saksena MJ. Economic Research Service. U.S. Department of [Agriculture](#). America’s Eating Habits: Food Away From Home. Sept. 2018.
- <sup>45</sup> Economic Research Service. U.S. Department of [Agriculture](#). Percent of calories consumed at food-away-from-home establishments rose almost 74 percent from 1977–1978 to 2017–2018. (2024)
- <sup>46</sup> [Wikipedia](#).
- <sup>47</sup> Better Business Bureaus. Children’s Food and Beverage Advertising Initiative. [Frequently Asked Questions](#). Nutrition Criteria.
- <sup>48</sup> Search on Microsoft [Bing](#) (exact sources unclear).
- <sup>49</sup> [Guardian](#), Food and Water Watch. The True Extent of America’s Food Monopolies, and Who Pays the Price. July 21, 2021.
- <sup>50</sup> [Statista](#). Leading grocery stores in the United States in 2022 and 2023, by market share.
- <sup>51</sup> McDonald JM. [USDA](#). Concentration in U.S. Meatpacking Industry and How It Affects Competition and Cattle Prices. *Amber Waves*. Jan. 25, 2024.
- <sup>52</sup> Tridge. USA: [Evolution](#) of meat processing companies. July 14, 2023.
- <sup>53</sup> [WattPoultry](#). Chicken Industry. Dec. 3, 2007.
- <sup>54</sup> Young DR, et al. City-Level Sugar-Sweetened Beverage Taxes and Youth Body Mass Index Percentile. [JAMA Netw Open](#). 2024;7(7). July 31, 2024.
- <sup>55</sup> [USDA](#). Economic Research Service, National Agricultural Statistics Service, Census of Agriculture (through 2022) and *Farms and Land in Farms: 2023 Summary*. Feb. 2024.
- <sup>56</sup> [USDA](#). Crop Production Historical Track Records. Corn Area Planted and Harvested, Yield, Production, Utilization, Price, and Value—United States: 1866-2018. April 2019.
- <sup>57</sup> [USDA](#). National Agricultural Statistics Service. News Release—US corn production up while soybean production down from September.
- <sup>58</sup> [USDA](#). Economic Research Service, National Agricultural Statistics Service. Appendix table 1—U. S. milk production, 1950-2000.
- <sup>59</sup> [Statista](#). Milk produced per cow in the United States from 1999 to 2024 (in pounds).
- <sup>60</sup> Scatcha JD, et al. [Beef Cow Size](#): Industry Trends, Economics, and Implications for Grazing Wyoming Rangelands. University of Wyoming Extension.
- <sup>61</sup> National Beef Wire. Cattle [Weights](#) By Month.
- <sup>62</sup> [USDA](#). Economic Research Service. Adoption of Genetically Engineered Crops in the United States. Jan 4, 2025.
- <sup>63</sup> Skorbiansky SR, et al. [Amber Waves](#). USDA. Rising Consumer Demand Reshapes Landscape for U.S. Organic Farmers. Nov. 14, 2023.
- <sup>64</sup> [Statista](#). Organic food sales in the United States from 2005 to 2023.
- <sup>65</sup> Organic Trade [Association](#). Organic food sales break through \$60 billion in 2022.
- <sup>66</sup> [USDA](#). FY 2024 Budget Summary.
- <sup>67</sup> Food and Nutrition Service. USDA. Nutrition [Standards](#) for School Meals. Dec. 4, 2024.
- <sup>68</sup> Food and Nutrition Service. USDA. National School Lunch Program and School Breakfast Program: Nutrition [Standards](#) for All Foods Sold in School as Required by the Healthy, Hunger-Free Kids Act of 2010. July 29, 2016.
- <sup>69</sup> National WIC Association. [WIC Program](#) Overview and History. 2024.
- <sup>70</sup> Center for Budget and Policy Priorities. 2024 [Appropriations](#) Agreement Fully Funds WIC and Rejects Harmful Food Package Proposals, Creating Opportunities to Reach More Eligible Low-Income Families. March 25, 2024.
- <sup>71</sup> U.S. Department of Labor. [History](#) of Changes to the Minimum Wage Law.
- <sup>72</sup> USA.gov. Minimum [Wage](#). Dec. 6, 2023.