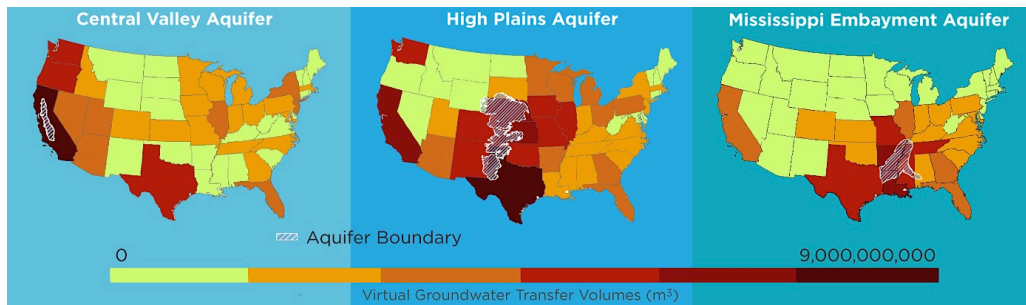


Feeding Ourselves Thirsty?

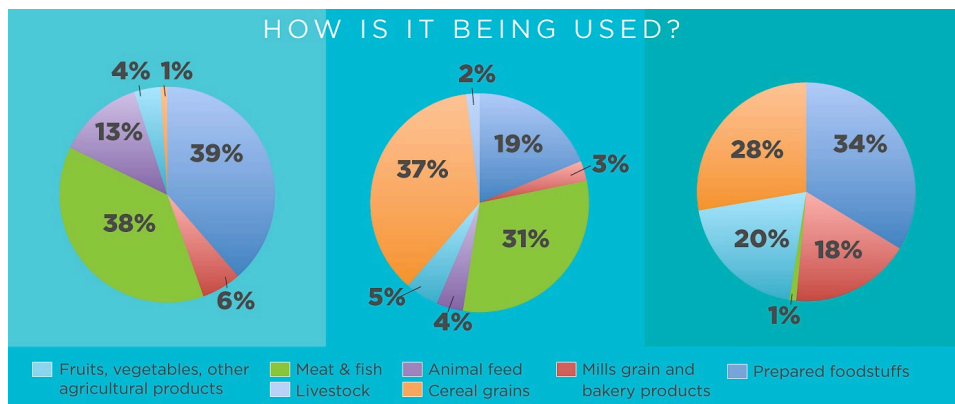
New data shows draining U.S. groundwater supplies could affect food security & food sector financial performance

Three of the **most tapped** aquifers in the U.S. irrigate many of the crops sold by the largest food companies



Source: <http://news.illinois.edu/infographics/aquifers.html>

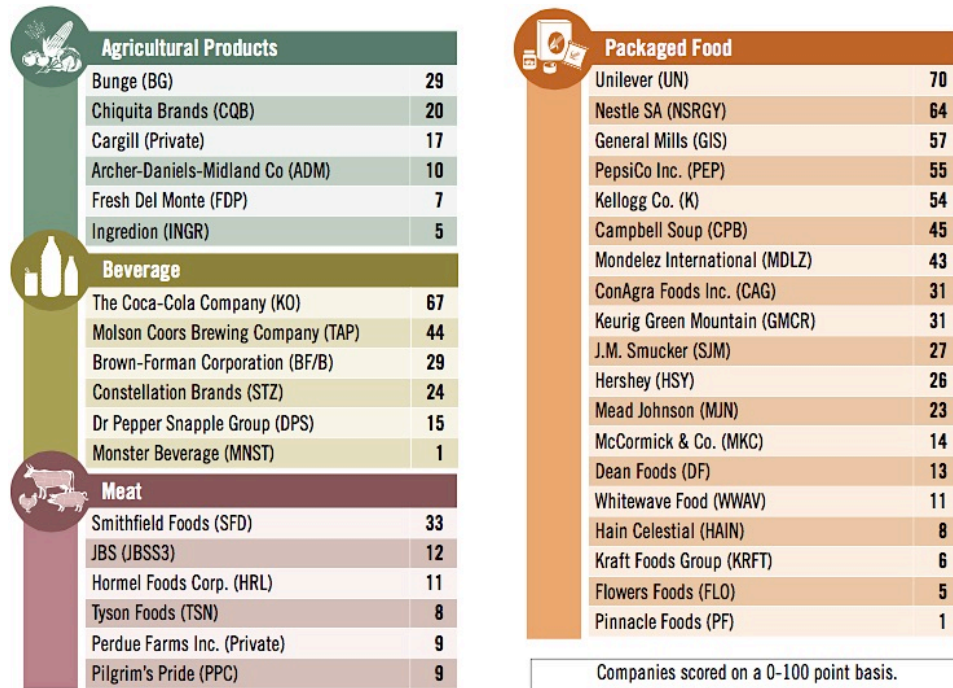
Most of this groundwater goes to **cereal grains, meat & dairy** production, and **fruits & vegetables**. **93%** of groundwater depletion from 2000-2008 was from these 3 aquifers. Continued overuse will impact food security and pose financial risks to major food companies.



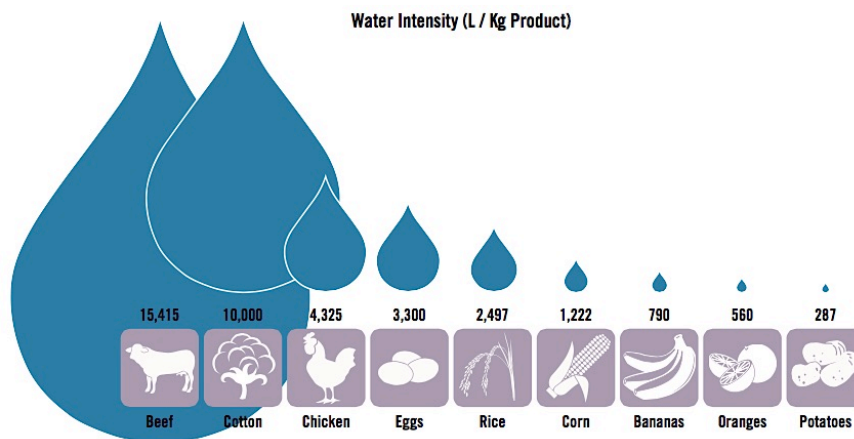
These food companies depend most on crops irrigated from the three aquifers:

California's Central Valley Aquifer	High Plains Aquifer	Mississippi Embayment Aquifer
<p>Nestle: - Dairy</p> <p>Campbell Soup: - Tomatoes & Carrots</p> <p>Whitewave: - Almonds & Lettuce</p> <p>General Mills: - Tomatoes, Nuts & Dairy</p> <p>Dean Foods: - Dairy</p>	<p>Cargill: - Corn, Wheat & Beef</p> <p>Bunge: - Corn & Soy</p> <p>ADM: - Corn, Soy & Wheat</p> <p>JBS: - Beef & Corn</p> <p>Tyson: - Poultry & Corn</p> <p>Smithfield: - Pork & Corn</p>	<p>Tyson: - Poultry & Corn</p> <p>Kellogg's: - Rice</p>

Ranking the nation's 37 largest food companies on how effectively they are managing precious freshwater supplies:



Ceres' 2015 Food and Beverage benchmarking report scored companies on a 1-to-100-point scale on their responses in **anticipating and mitigating these risks**, with the highest score being Unilever with 70 points, the lowest being Monster Beverage and Pinnacle Foods, with just one point each.



On average, **10 liters** of water are needed to produce one calorie of meat; **1.2 liters** are needed for one calorie of lentils or beans, and **half a liter** for one calorie of root vegetables such as carrots.

For more information

Ceres' Food and Beverage Benchmarking Report: www.ceres.org/FoodWaterRisk
 University of Illinois Study: <http://go.illinois.edu/aquiferstudy>

Meg Wilcox, wilcox@ceres.org, 617-247-0700 x155