

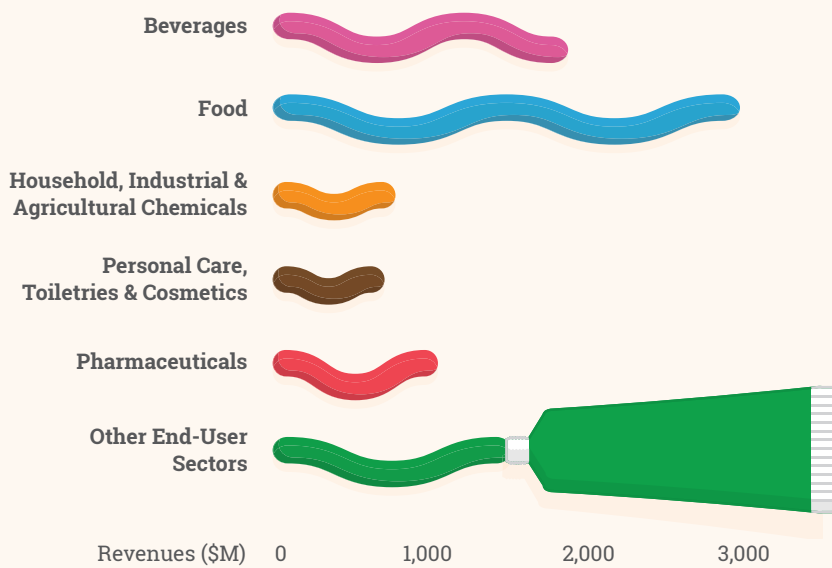
What's Cookin' in Food Packaging?



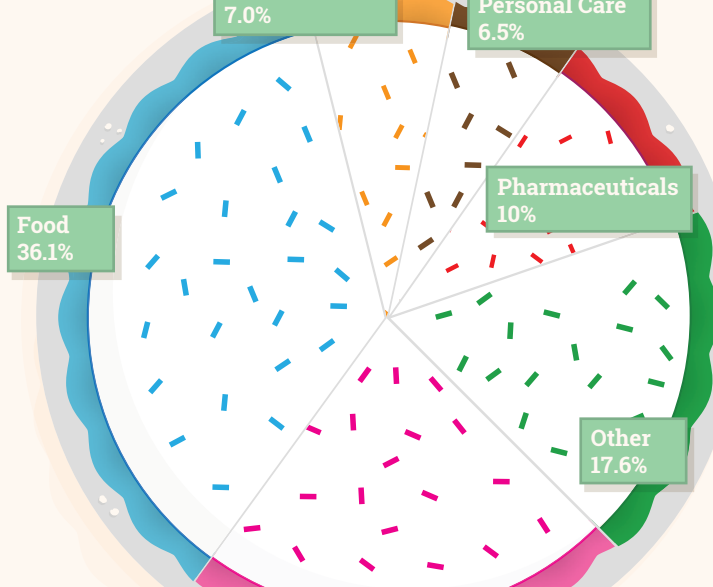
PMMI's Food Packaging Trends Report Gives a Taste of the Industry

1. Food Packaging Machinery Takes the Cake

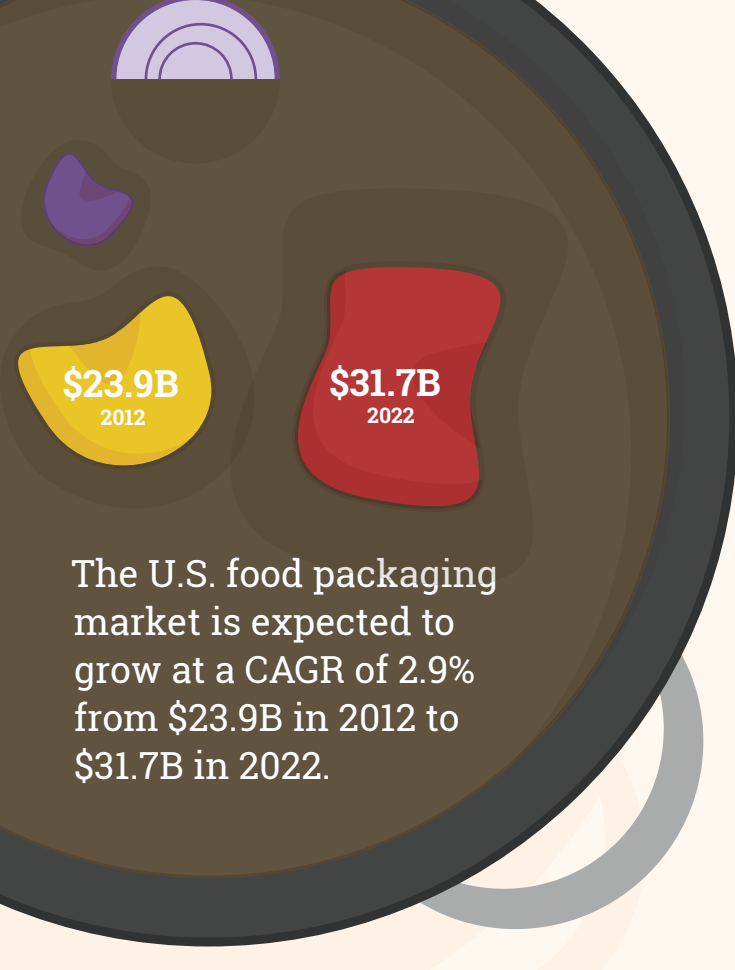
Food represented the largest U.S. packaging machinery segment in 2014



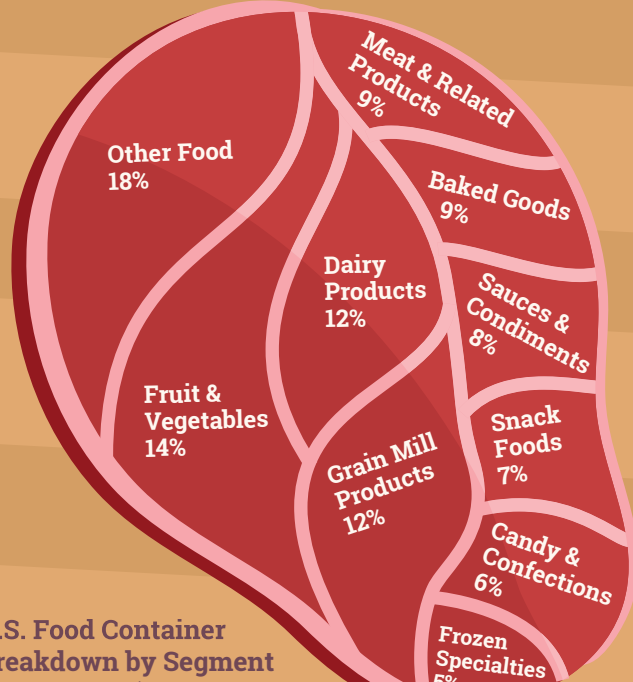
Projected Share in 2019



2. Slow and Steady Cookin' in the U.S.



Two food segments, **Meat & Related Products** and **Snack Food**, are expected to outperform the market, achieving over 3% growth. Demands for more single-serve and convenience features are key drivers of this expansion.



3. Modernizing Nations Bring Home the Bacon

While North America is the largest global market for all food segments, growth in the industry is largely driven by rapidly modernizing nations such as **Argentina, Brazil, China and India**.

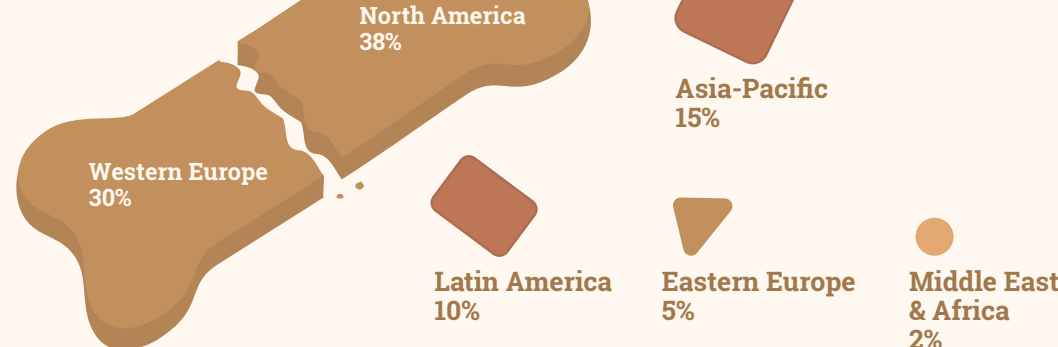
Growth rates for most food segments studied are double the U.S. rates.

However, the **snack and pet food categories show lower global growth compared to U.S. rates** – 4.3% and 4.9% respectively – due to cultural and demographic factors.

Global Growth Rates by Food Segment

Segment	Growth Rate
Baked Goods	5.0%
Candy & Confections	8.0%
Dairy	5.3%
Frozen Specialties	4.0%
Fruits & Vegetables	4.0%
Grain Mill Products	3.2%
Meat & Related Products	8.5%
Pet Food	3.0%
Snack Foods	2.0%

Regionalization of Pet Food & Care Market



4. Top 5 Industry Trends



Sustainability

- 80% of respondents are interested in biodegradables, yet few believe the material is ready for them.



Flexibles

- Respondents note the use of plastic overall has grown 8% since 2012 and bags & pouches have grown 3.5%.



Convenience

- Growth in convenient packaging types, such as single-serve and on-the-go packs.



Food Safety

- Consumers are tuned into food safety, looking for clear and clean packaging that leaves the food product visible.
- Companies have adapted to tighter regulations, redesigning labels with clearer messaging.



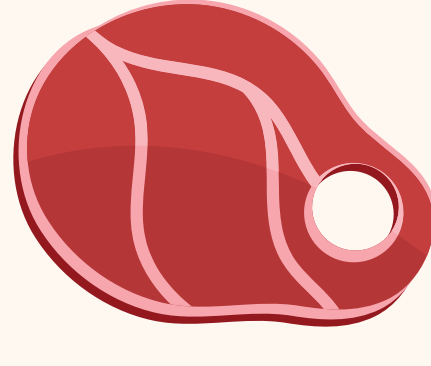
Technology

- Respondents believe ROI on robotics is now at hand.
- Active/smart packaging can indicate when a product passes its expiration date, supporting food safety efforts.
- Interactive packaging with "media" – QSR codes and SnapTags – added to packaging can enhance consumer engagement.

5. 4 Most Innovative Industry Segments



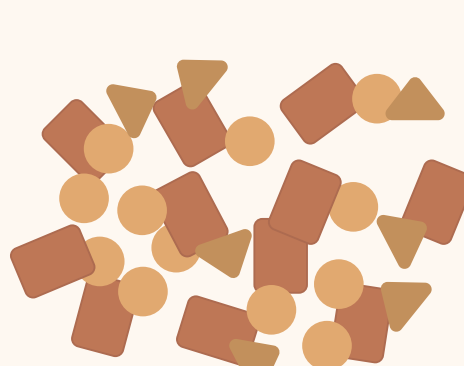
Snack Foods: Recycled and biodegradable materials for salty snacks; stylish, vivid graphics and shapes for single serve packs



Meat & Related Products: New films to keep meat fresher longer; active labels to sense when meat is past its expiration



Fruit & Vegetables: Clear, tactile films to make consumers pause and consider the product; more single-serve packaging



Pet Food: More recycled materials in packaging; single-serve containers to differentiate niche or premium products

Food manufacturers can learn more at pmmi.org. They can also find the latest food packaging innovations at PACK EXPO International (Nov. 6–9, 2016; Chicago, IL).

To register, visit: packexpointernational.com



November 6–9, 2016
Chicago, Illinois USA