Foodservice Disposables

US Industry Study with Forecasts for 2013 & 2018

Study #2545 | August 2009 | $4700 | 313 pages
# Table of Contents

**EXECUTIVE SUMMARY**

**MARKET ENVIRONMENT**
- General ........................................ 4
- Macroeconomic Outlook ..................... 6
- Demographic Trends .......................... 10
- Consumer Income & Spending .............. 13
- Retail Sales Outlook .......................... 15
- Consumer Food Expenditure Trends ....... 18
- Foodservice Industry Outlook ............. 20
  - Eating & Drinking Places ................. 22
    - Limited Service Restaurants .......... 23
    - Quick Service Restaurants .......... 24
    - Coffee & Snack Shops ............... 25
    - Fast Casual Restaurants .......... 26
    - Buffets & Cafeterias ................ 27
  - Other Eating & Drinking Places ...... 27
  - Other Foodservice Establishments ...... 29
- Raw Materials .................................. 32
- Paper .......................................... 34
- Plastic ....................................... 36
- Aluminum ...................................... 39
- Pricing Trends .................................. 40
- Environmental Issues ....................... 44
- Biodegradable Materials .................... 47
- Regulatory Issues ............................. 50
- International Activity & Foreign Trade .. 52

**PRODUCTS**
- General ........................................ 56
- Serviceware .................................. 59
  - Cups ......................................... 61
    - Beverage Cups ................. 62
    - Paper .................................. 67
    - Plastic .................................. 69
    - Foam ..................................... 70
    - Producers ............................... 72
  - Portion Cups .............................. 74
  - Dinnerware .................................. 76
  - Product Types ............................. 77
  - Utensils .................................... 80
  - Other ....................................... 86
  - Trays & Carriers ............................ 87
  - All Other Serviceware .................... 89
- Packaging ..................................... 91

**MARKETS**
- General ........................................ 140
  - Eating & Drinking Places ................. 144
    - Limited Service Restaurants .......... 146
    - Quick Service Restaurants .......... 149
    - Coffee & Snack Shops ............... 156
    - Fast Casual Restaurants .......... 160
    - Buffets & Cafeterias ............... 162
  - Other Eating & Drinking Places ...... 163
  - Retail & Vending Machines .......... 169
    - Institutional ............................ 175
    - Lodging & Hospitality ............... 181
    - Sports & Recreation .................. 185
    - Other .................................... 187

**INDUSTRY STRUCTURE**
- General ........................................ 190

**COMPANY PROFILES**
- Airlite Plastics .............................. 215
- Anchor Packaging ............................ 216
- Berry Plastics ................................ 219
- Burrows Paper ............................... 221
- Cascades Incorporated .................... 222
- Chuo Kagaku .................................. 226
- Dart Container ................................ 228
- Duro Bag Manufacturing ................... 231
- Fabri-Kal Corporation ..................... 233
- Graphic Packaging ........................... 235
- Hindalco Industries ......................... 237
- Hoffmaster Group ............................ 240
- Huhtamaki Oyj ................................ 242
- Inline Plastics ................................ 245
- InnoWare Incorporated ...................... 247
- International Paper ......................... 248
- Jet Plastica Industries ...................... 251
- Kimberly-Clark Corporation ............... 252
- Koch Industries ................................ 254
- Letica Corporation ........................... 258
- Menasha Corporation ......................... 259
- Packaging Dynamics .......................... 260
- Pactiv Corporation ............................ 263
- Pattison (Jim) Group ......................... 268
- Reynolds Packaging ......................... 271
- Rio Tinto ...................................... 274
- Rock-Tenn Company ............................ 276
- Sabert Corporation ............................ 279
- Sealed Air .................................... 281
- Smurfit-Stone Container .................... 283
- Solo Cup ...................................... 284
- Southern Champion Tray ..................... 288
- Stephen (Douglas) Plastics ................. 290
- Svenska Cellulosa ............................. 292
- Tekni-Plex Incorporated ..................... 293
- Wilkinson Industries ......................... 294
- WinCup Incorporated ......................... 298
- WNA Incorporated .............................. 299
- Other Foodservice disposables Companies .................................. 302

**Market Share** ................................ 194
**Acquisitions & Divestitures** ............ 201
**Competitive Strategies** .................. 205
**Marketing & Distribution** ............... 208
**Cooperative Agreements** .................. 211
### List of Tables

**EXECUTIVE SUMMARY**  
1 Summary Table .............................................. 3

**MARKET ENVIRONMENT**  
1 Macroeconomic Indicators .................. 10  
2 Population & Households ...................... 13  
3 Personal Consumption Expenditures 15  
4 Retail Sales ............................................. 17  
5 Consumer Food Expenditures ............... 20  
6 Foodservice Revenues  
   by Establishment Type ............................. 22  
7 Limited Service Restaurant  
   Revenues by Type ................................ 24  
8 Other Eating & Drinking Places  
   Revenues by Type ................................... 29  
9 Other Foodservice Establishment  
   Revenues by Type ................................... 32  
10 Raw Materials Demand in  
    Foodservice Disposables ....................... 33  
11 Selected Foodservice  
    Disposables Prices .................................... 43

**PRODUCTS**  
1 Foodservice Disposables  
   Demand by Type ...................................... 58  
2 Serviceware Demand by Type .......... 60  
3 Foodservice Cup Demand by Type ....... 62  
4 Beverage Cup Demand in  
    Foodservice Applications ..................... 65  
5 Foodservice Portion Cup Demand ... 76  
6 Foodservice Dinnerware Demand ...... 77  
7 Foodservice Utensils Demand ........ 85  
8 Other Serviceware Demand .............. 87  
9 Foodservice Disposable Packaging  
   Demand by Type ....................................... 94  
10 Foodservice Disposable  
    Container Demand ................................. 97  
11 Paperboard Box & Carton Demand  
    in Foodservice Applications ........... 100  
12 Clamshell Container Demand  
    in Foodservice Applications .......... 103  
13 Other Foodservice Container  
    Demand ............................................. 108  
14 Lids & Domes Demand ................. 117  
15 Foodservice Wrap Demand .......... 124  
16 Foodservice Bag Demand ........... 125  
17 Other Foodservice Packaging  
   Demand ............................................. 131  
18 Napkins & Other Disposables Demand  
   in Foodservice Applications ............ 132  
19 Napkin Demand in Foodservice  
   Applications ....................................... 135  
20 Moist Towelette Demand  
   in Foodservice Applications ............ 137  
21 Other Foodservice  
    Disposables Demand ............................... 139

**MARKETS**  
1 Foodservice Disposables  
   Demand by Market ................................. 143  
2 Eating & Drinking Places Market  
   for Foodservice Disposables ........... 146  
3 Limited Service Restaurant Market  
   for Foodservice Disposables ............ 149  
4 Quick Service Restaurant Market  
   for Foodservice Disposables ............ 150  
5 Coffee & Snack Shop Market  
   for Foodservice Disposables ............ 159  
6 Fast Casual Restaurant Market  
   for Foodservice Disposables ............ 162  
7 Buffet & Cafeteria Market  
   for Foodservice Disposables ............ 163  
8 Other Eating & Drinking Places  
   Market for Foodservice Disposables .... 165  
9 Retail & Vending Machines Market  
   for Foodservice Disposables ............ 170  
10 Institutional Market for Foodservice  
    Disposables by Type & Product .......... 177  
11 Lodging & Hospitality Market  
   for Foodservice Disposables ............ 184  
12 Sports & Recreation Market for  
    Foodservice Disposables ..................... 187  
13 Other Markets for Foodservice  
    Disposables ........................................ 189

**MARKET ENVIRONMENT**  
1 Raw Materials Demand in  
    Foodservice Disposables, 1998-2018 .......... 34  
2 Biodegradable Foodservice  
    Disposables Demand by Type, 2008 .......... 50

**PRODUCTS**  
1 Foodservice Disposables  
   Demand by Type, 2008 .............. 59  
2 Serviceware Demand by Type, 2008 ........ 61  
3 Foodservice Beverage Cup  
   Demand by Material, 2008 .......... 66  
4 Foodservice Disposable Packaging  
   Demand by Type, 2008 .............. 94

**MARKETS**  
1 Foodservice Disposables  
   Demand by Market, 2008 ........ 143  
2 Quick Service Restaurant  
   Market for Foodservice Disposables, 2008 .... 151  
3 Coffee & Snack Shop  
   Market for Foodservice Disposables, 2008 .... 160  
4 Other Eating & Drinking Places  
   Market for Foodservice Disposables, 2008 .... 165  
5 Retail & Vending Machines  
   Market for Foodservice Disposables, 2008 .... 171  
6 Institutional Market for Foodservice  
    Disposables, 2008 ..................... 178

**INDUSTRY STRUCTURE**  
1 US Foodservice Disposables  
   Sales by Company, 2008 .......... 192  
2 Selected Acquisitions  
   & Divestitures .......................... 204  
3 Selected Cooperative Agreements 213
Demand will be supported by continued growth in away-from-home food expenditures as the economy recovers, along with the willingness of consumers to pay for convenient, ready prepared foods.

**US demand to rise 3.5% annually through 2013**

US demand for foodservice disposables is projected to advance 3.5 percent per year through 2013. Growth will decelerate from the past decade, but will reflect a recovery from the recent weakness in the US economy. In addition, value advances will be tempered by more moderate price increases for raw materials following sharp spikes, primarily due to resin pricing volatility and high energy and transportation costs, in the 2003-2008 period. Despite these factors, demand for disposables will be supported by continued growth in the share of away-from-home food expenditures as the economy recovers, along with fast-paced lifestyles and the willingness of consumers to pay for convenient, ready prepared foods.

**Packaging products to be fastest growing segment**

The fastest gains are anticipated for packaging products, which are forecast to increase at a 4.2 percent annual pace through 2013. Advances will be fueled by above-average revenue growth in the large limited service segment, which accounts for nearly half of overall restaurant revenues but generates a much higher share of foodservice disposables demand. Expanding menu options in limited service restaurants and longer hours to incorporate breakfast and late-night snacking will also bode well for related packaging. The popularity of takeout food from full service restaurants will provide a further boost for packaging, especially since these restaurants tend to use higher-value disposable containers designed to maintain food temperature and minimize leakage problems. Additionally, packaging gains will be supported by expanded prepared food offerings in supermarkets and other retail stores, along with increased catering activity by limited and full service restaurants. Through 2013, the fastest growth is expected for wraps and lids, with most container types also expected to register healthy gains.

**Serviceware to benefit from several positive trends**

Demand for serviceware, including cups, dinnerware, utensils and other products, is forecast to increase 3.2 percent annually through 2013. Though decelerated growth will reflect more moderate material price increases, opportunities will be driven by a favorable outlook for limited service restaurant revenues, solid foodservice revenue growth in retail establishments and steady demand in institutional and other markets. Other factors providing momentum will be the increased promotion of premium coffee by quick service restaurants and convenience stores, and increased catering activity by restaurants. Packaging and serviceware made from biodegradable materials will post robust advances from a low base, the result of increased price competitiveness, rapidly expanding capacity, increased pressure on foodservice operators to reduce their environmental footprint and growing bans on polystyrene-based disposables.

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PRODUCTS

Portion Cups -- Demand for portion cups is projected to increase 1.7 percent annually to $245 million in 2013. Advances will reflect rising foodservice revenues along with the increased availability of takeout meals from full service restaurants. Menu trends, shifts in consumer food preferences and dietary patterns will also boost demand. The popularity of salsas and finger foods using dips and sauces will attract many consumers for salad dressings on the side. The introduction of manufacturer-supplied portioned portion condiments and sauces in peelable-lid cups or flexible pouches will limit overall advances, as will intensified competition from supermarkets offering prepared foods. Paper portion cup demand will post a slight decline resulting from supplantation by plastic portion cups based on performance advantages such as leak resistance when lidded and the visibility advantages of clear plastic portion cups. Overall advances will decelerate from the pace of the 1998-2008 period due to more moderate price increases for plastic portion cups.

Portion cups, also known as soufflés, typically range in size from 0.5 to 5.5 ounces and are used for holding small amounts of items like coleslaw, salad dressings, sauces, condiments and candies. Portion cups, manufactured largely from paper and plastic, are also used in supermarkets, club and other stores for sampling of prepared and other foods. Aluminum portion cups are also used to a very limited extent in the foodservice market and will remain a niche item due to their cost disadvantage versus paper and plastic portion cups.

Paper portion cups include pleated soufflé types (which are also used in hospitals and elder care facilities for dispensing pills) as well as coated paperboard types similar to beverage cups. Paper soufflé cups are used in applications that do not require lids. Plastic portion cups are similar in appearance to plastic beverage cups and are produced in clear, translucent or opaque styles, typically from polystyrene. These cups are generally available with compatible lids for carryout use.

TABLE III-11

<table>
<thead>
<tr>
<th>Item</th>
<th>1998</th>
<th>2003</th>
<th>2008</th>
<th>2013</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Foodservice Container Demand</td>
<td>2238</td>
<td>2820</td>
<td>3735</td>
<td>4575</td>
<td>5790</td>
</tr>
<tr>
<td>% boxes &amp; cartons</td>
<td>41.5</td>
<td>38.7</td>
<td>35.3</td>
<td>34.0</td>
<td>32.6</td>
</tr>
<tr>
<td>Foodservice Box &amp; Carton Demand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pizza Boxes</td>
<td>370</td>
<td>440</td>
<td>510</td>
<td>590</td>
<td>690</td>
</tr>
<tr>
<td>French Fry Cartons</td>
<td>255</td>
<td>275</td>
<td>295</td>
<td>315</td>
<td>345</td>
</tr>
<tr>
<td>Corrugated Clamshells</td>
<td>84</td>
<td>100</td>
<td>130</td>
<td>155</td>
<td>190</td>
</tr>
<tr>
<td>Doughnut Boxes</td>
<td>54</td>
<td>65</td>
<td>80</td>
<td>95</td>
<td>115</td>
</tr>
<tr>
<td>Other</td>
<td>165</td>
<td>210</td>
<td>305</td>
<td>400</td>
<td>545</td>
</tr>
<tr>
<td>cents/unit</td>
<td>5.3</td>
<td>5.9</td>
<td>6.6</td>
<td>7.1</td>
<td>7.8</td>
</tr>
<tr>
<td>Foodservice Boxes/Cartons (mil units)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pizza Boxes</td>
<td>1920</td>
<td>2130</td>
<td>2250</td>
<td>2440</td>
<td>2640</td>
</tr>
<tr>
<td>French Fry Cartons</td>
<td>9800</td>
<td>9950</td>
<td>9900</td>
<td>10100</td>
<td>10300</td>
</tr>
<tr>
<td>Corrugated Clamshells</td>
<td>2200</td>
<td>2455</td>
<td>2800</td>
<td>3200</td>
<td>3650</td>
</tr>
<tr>
<td>Doughnut Boxes</td>
<td>510</td>
<td>575</td>
<td>640</td>
<td>710</td>
<td>780</td>
</tr>
<tr>
<td>Other</td>
<td>3040</td>
<td>3520</td>
<td>4410</td>
<td>5500</td>
<td>6830</td>
</tr>
</tbody>
</table>

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Sample Profile, Table & Forecast

COMPANY PROFILES

Inline Plastics Corporation
42 Canal Street
Shelton, CT 06484
203-924-5933
http://www.inlineplastics.com

Annual Sales:  $70 million (estimated)
Employment:  325 (estimated)

Key Products:
- Plastic clamshells
- Two-piece containers

Inline Plastics specializes in thermoformed packaging and related products for the bakery, delicatessen and other foodservice markets. The privately held company also manufactures automated packaging machinery.

The Company is active in the US foodservice disposables industry through the production of plastic clamshells and two-piece containers for packaging delicatessen items, fresh-cut fruit, salads, baked goods and other foods. These containers are made from such materials as polyethylene terephthalate (PET), recycled PET (RPET), oriented polystyrene (OPS) and polypropylene. Select products incorporate SURE-LOCK systems, which are designed to prevent the lid from opening unexpectedly while handling or during transit. Plastic clamshells and two-piece containers are marketed under such brand names as SAFE-T-FRESH, VALU PACK, EZ OPEN and CRYSTAL VUE.

Inline Plastics’ SAFE-T-FRESH clamshells are made from RPET and feature SAFE-T-GARD tamper-resistant tear strips engineered to ensure the container has not been opened since the product was packed. These containers are manufactured in round sizes ranging from 8 to 32

TABLE IV-3
LIMITED SERVICE RESTAURANT MARKET FOR FOODSERVICE DISPOSABLES (million dollars)

<table>
<thead>
<tr>
<th>Item</th>
<th>1998</th>
<th>2003</th>
<th>2008</th>
<th>2013</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limited Service Revenues (bil $)</td>
<td>120</td>
<td>152</td>
<td>200</td>
<td>255</td>
<td>340</td>
</tr>
<tr>
<td>$ disposables/000$ revenue</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foodservice Disposables Demand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quick Service</td>
<td>4125</td>
<td>4943</td>
<td>6335</td>
<td>7390</td>
<td>9040</td>
</tr>
<tr>
<td>Coffee &amp; Snack Shops</td>
<td>616</td>
<td>823</td>
<td>1170</td>
<td>1420</td>
<td>1790</td>
</tr>
<tr>
<td>Fast Casual</td>
<td>120</td>
<td>213</td>
<td>405</td>
<td>600</td>
<td>855</td>
</tr>
<tr>
<td>Buffet/Cafeteria</td>
<td>80</td>
<td>95</td>
<td>115</td>
<td>130</td>
<td>145</td>
</tr>
<tr>
<td>% limited service</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eating &amp; Drinking Disposables</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

"Demand for foodservice disposables in quick service restaurants is projected to increase 3.1 percent per year to $7.4 billion in 2013. Growth will be driven by rising quick service restaurant revenues coupled with extensive requirements for disposables for both carryout and in-restaurant meals. Gains will trail quick service restaurant revenue advances due to slower price increases for most disposables as raw material prices retreat from the sharp spikes of the 2003-2008 period. Growth will also be moderated by …”

--Section IV, pg. 149
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Other Studies

Meat, Poultry & Seafood Packaging
US demand for meat, poultry and seafood packaging is forecast to grow 3.5% yearly through 2013. Gains will be driven in part by the continuing shift to higher cost case-ready packaging by many retailers as a means to reduce in-store labor costs. Flexible packaging will outpace the larger rigid packaging segment. This study analyzes the $7.7 billion US meat packaging industry, with forecasts for 2013 and 2018 by technology and raw material, product, application and market. It also evaluates market share and profiles industry players.

#2522 ....... 06/2009 ............... $4700

Food Containers: Rigid & Flexible
US food container demand will reach $25 billion in 2013. Unit expansion will be aided by the growing popularity of single-serving packaging in a widening range of applications. Plastic containers, and bags and pouches will see the fastest growth, often supplanting paperboard, metal and glass containers. This study analyzes the $22 billion US rigid and flexible food container industry, with forecasts for 2013 and 2018 by type and market. It also evaluates company market share and profiles industry competitors.

#2489 ....... 05/2009 ............... $4800

World Corrugated Boxes
Global corrugated box demand is forecast to grow 3.4% yearly through 2013. Gains will be driven in part by the advance of small flute and high-quality graphic board into traditional folding carton uses. Fastest growth will occur in developing regions, especially China and India. This study analyzes the 180 billion square meter world box industry, with forecasts for 2013 and 2018 by raw material, end-use market, world region and for 24 countries. It also evaluates market share and profiles industry players.

#2485 ....... 04/2009 ............... $5600

Cups & Lids
US demand for cups and lids will advance 4.3% annually through 2012. Drinking cups will remain the dominant cup type while packaging cups will grow the fastest. Growth in lids will outpace cups as more drinking cups use lids, especially higher-value specialty lids. Foodservice will remain the dominant market while food packaging grows more rapidly. This study analyzes the $6.3 billion US cup and lid industry, with forecasts for 2012 and 2017 by product and market. It also details market share and profiles major players.

#2492 ....... 11/2008 ............... $4600

Beverage Containers
US demand for beverage containers will grow 2.4% annually through 2012. Gains will be driven a healthy outlook for single serving containers and enhanced or functional beverages. Plastic containers will remain the largest and fastest growing segment. Bottled water will continue to post above-average market gains. This study analyzes the $22.5 billion US beverage container industry, with forecasts for 2012 and 2017 by type and market. It also evaluates company market share and profiles industry players.

#2423 ....... 11/2008 ............... $4700

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