World Food Safety Products

Industry Study with Forecasts for 2016 & 2021

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Table of Contents

EXECUTIVE SUMMARY

MARKET ENVIRONMENT
General .................................................. 4
World Economic Overview .......................... 4
Recent Historical Trends ............................ 5
Macroeconomic Outlook ............................. 6
World Demographic Overview ..................... 10
Population ............................................... 11
Urbanization Patterns ................................ 12
World Per Capita Gross Domestic Product .... 14
World Personal Consumption & Expenditure Trends ............................................. 16
World Agricultural Outlook ........................ 18
World Food/Beverage Manufacturing Outlook 20
Food Safety Product Demand/Food & Beverage MVA Relationship .................. 23
World Food Distribution Trends .................. 25
World Food Trade ........................................ 29
World Foodservice Industry Outlook .......... 30
World Food-Related Illness Trends .......... 32
Regulatory Issues ...................................... 34

OVERVIEW
General .................................................. 38
Regional Overview .................................... 39
Product Overview ..................................... 41
Disinfection Products .............................. 43
Diagnostic Products ................................ 47
Other Products ....................................... 52
Disposable Gloves ................................ 54
Smart Labels & Tags ................................. 54
Software & Tracking Systems ................. 54
All Other Food Safety Products .............. 55
Market Overview ...................................... 57
Food Processing Plants ............................ 60
Foodservice Establishments ..................... 63
Other Markets ......................................... 67
Technology Overview ................................. 70
Disinfection Products .............................. 71
Diagnostic Products ................................ 74
Disposable Gloves ................................ 76
Smart Labels & Tags ................................. 77
Other Products ....................................... 80

NORTH AMERICA
General .................................................. 83
Food Safety Product Demand ................. 85
United States ......................................... 88
Canada ............................................... 97
Mexico ................................................ 102

WESTERN EUROPE
General .................................................. 109

Food Safety Product Demand .................... 112
France .................................................. 114
Germany .............................................. 120
Italy ..................................................... 126
Netherlands ......................................... 132
Spain .................................................... 136
United Kingdom .................................... 142
Other Western Europe ......................... 147

ASIA/PACIFIC
General .................................................. 153
Food Safety Product Demand ................. 156
Australia ............................................. 158
China .................................................. 163
India .................................................... 171
Japan ..................................................... 177
South Korea ......................................... 183
Taiwan .................................................. 188
Other Asia/Pacific .................................. 194

OTHER REGIONS
Central & South America ......................... 199
Food Safety Product Demand ................. 201
Brazil .................................................... 203
Other Central & South America ............... 208
Eastern Europe ..................................... 213
Food Safety Product Demand ................. 216
Russia .................................................... 217
Other Eastern Europe ............................. 223
Africa/Mideast ...................................... 228

INDUSTRY STRUCTURE
General .................................................. 235
Market Share ......................................... 238
Disinfectants & Sanitizers ....................... 243
Disinfection Equipment ......................... 244
Diagnostic Products .............................. 245
Acquisitions & Divestitures ..................... 247
Cooperative Agreements ......................... 251
Competitive Strategies ......................... 254
Marketing & Distribution ....................... 256

COMPANY PROFILES
Agilent Technologies .............................. 260
Allflex USA ......................................... 262
Barry-Wehmiller Companies ................. 264
Becton, Dickinson, and Company .......... 265
Bio-Rad Laboratories ......................... 267
BioControl Systems ............................. 268
bioMérieux SA ..................................... 270
Charm Sciences .................................... 274
Danaher Corporation ............................. 276
Datamars SA ........................................ 280
Denki Kagaku Kogyo Kabushiki Kaisha .... 282
Digital Angel ........................................ 283
DuPont (EI) de Nemours ....................... 284
Ecolab Incorporated ............................... 287
Elbit Imaging ........................................ 290
GEA Group .......................................... 291
Guangzhou Da Yuan Food Safety Technology.. 294
Huishou Lehui ....................................... 295
IDEXX Laboratories ............................... 297
John Bean Technologies ....................... 299
Life Technologies ................................. 301
Lilly (Eli) and Company ......................... 303
Merck KGaA ......................................... 305
Neogen Corporation .............................. 307
Purfresh Incorporated ......................... 311
PuriCore plc ......................................... 312
R-Biopharm AG ...................................... 313
Roche Holding ...................................... 316
Rochester Midland ................................. 317
Sartorius AG ......................................... 319
Sealed Air Corporation .......................... 321
SMARTTRAC NV ..................................... 324
SPX Corporation ..................................... 326
Strategic Diagnostics ......................... 328
Tetra Laval International ......................... 331
Thermo Fisher Scientific ......................... 334
3M Company ......................................... 336
TÜV SUD AG .......................................... 340
UPM-Kymmene ...................................... 341
Other Companies Mentioned in Study .... 342

List of Tables/Charts

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

MARKET ENVIRONMENT
1 World Gross Domestic Product by Region 10
2 World Population by Region .................... 12
3 World Urban Population by Region ........... 14
4 World Per Capita Gross Domestic Product by Region ................. 16
5 World Personal Consumption Expenditures by Region ...................... 18
6 World Agricultural Value Added by Region 20
7 World Food & Beverage Manufacturing Value Added by Region ....... 22
Cht Food Safety Product Demand/Food & Beverage MVA Relationship, 2011 .................. 24
Cht Food Distribution Industry Flowchart .......... 28
8 World Foodservice Revenues by Region ....... 32

OVERVIEW
1 World Food Safety Product Demand by Region .................. 40
(continued on following page)
List of Tables/Charts

(continued from previous page)

Cht World Food Safety Product Demand by Region, 2011 .................. 41
2 World Food Safety Product Demand by Type .................................. 42
Cht World Food Safety Product Demand by Type, 2011 .................. 43
3 World Disinfection Product Demand in Food Safety by Region & Type .................. 46
Cht World Disinfection Product Demand in Food Safety by Region, 2011 .................. 47
4 World Diagnostic Product Demand in Food Safety by Region & Type ................. 51
Cht World Diagnostic Product Demand in Food Safety by Region, 2011 .................. 52
5 World Other Food Safety Product Demand by Region & Type ................. 53
Cht World Other Food Safety Product Demand by Region, 2011 .................. 57
6 World Food Safety Product Demand by Market .................................. 59
Cht World Food Safety Product Demand by Market, 2011 .................. 59
7 World Food Processing Plant Market for Food Safety Products by Region ........ 62
Cht World Food Processing Plant Market for Food Safety Products, 2011 .................. 63
8 World Foodservice Market for Food Safety Products by Region .................. 66
Cht World Foodservice Market for Food Safety Products by Region, 2011 .................. 67
9 World Other Markets for Food Safety Products by Region & Application ........... 69
Cht World Other Markets for Food Safety Products by Region, 2011 .................. 70

NORTH AMERICA
1 North America: Food Safety Product Market Environment .................. 85
2 North America: Food Safety Product Demand by Type & Market .................. 87
3 United States: Food Safety Product Market Environment .................. 91
4 United States: Food Safety Product Demand by Type & Market .................. 94
5 Canada: Food Safety Product Market Environment .................. 99
6 Canada: Food Safety Product Demand by Type & Market .................. 101
7 Mexico: Food Safety Product Market Environment .................. 105
8 Mexico: Food Safety Product Demand by Type & Market .................. 107

WESTERN EUROPE
1 Western Europe: Food Safety Product Market Environment .................. 111
2 Western Europe: Food Safety Product Demand by Type & Market .................. 113
Cht Western Europe: Food Safety Product Demand by Country, 2011 .................. 114
3 France: Food Safety Product Market Environment .................. 116
4 France: Food Safety Product Demand by Type & Market .................. 119
5 Germany: Food Safety Product Market Environment .................. 123
6 Germany: Food Safety Product Demand by Type & Market .................. 125
7 Italy: Food Safety Product Market Environment .................. 129
8 Italy: Food Safety Product Demand by Type & Market .................. 131
9 Netherlands: Food Safety Product Market Environment .................. 134
10 Netherlands: Food Safety Product Demand by Type & Market .................. 135
11 Spain: Food Safety Product Market Environment .................. 139
12 Spain: Food Safety Product Demand by Type & Market .................. 141
13 United Kingdom: Food Safety Product Market Environment .................. 144
14 United Kingdom: Food Safety Product Demand by Type & Market .................. 146
15 Other Western Europe: Food Safety Product Market Environment .................. 149
16 Other Western Europe: Food Safety Product Demand by Type & Market .................. 151

ASIA/PACIFIC
1 Asia/Pacific: Food Safety Product Market Environment .................. 155
2 Asia/Pacific: Food Safety Product Demand by Type & Market .................. 157
Cht Asia/Pacific: Food Safety Product Demand by Country, 2011 .................. 158
3 Australia: Food Safety Product Market Environment .................. 160
4 Australia: Food Safety Product Demand by Type & Market .................. 162
5 China: Food Safety Product Market Environment .................. 166
6 China: Food Safety Product Demand by Type & Market .................. 169
7 India: Food Safety Product Market Environment .................. 173
8 India: Food Safety Product Demand by Type & Market .................. 176
9 Japan: Food Safety Product Market Environment .................. 180

OTHER REGIONS
1 Central & South America: Food Safety Product Market Environment .................. 201
2 Central & South America: Food Safety Product Demand by Type & Market .................. 202
3 Brazil: Food Safety Product Market Environment .................. 205
4 Brazil: Food Safety Product Demand by Type & Market .................. 207
5 Other Central & South America: Food Safety Product Market Environment .................. 210
6 Other Central/South America: Food Safety Product Demand by Type & Market .................. 212
7 Eastern Europe: Food Safety Product Market Environment .................. 215
8 Eastern Europe: Food Safety Product Demand by Type & Market .................. 217
9 Russia: Food Safety Product Market Environment .................. 220
10 Russia: Food Safety Product Demand by Type & Market .................. 222
11 Other Eastern Europe: Food Safety Product Market Environment .................. 225
12 Other Eastern Europe: Food Safety Product Demand by Type & Market .................. 227
13 Africa/Mideast: Food Safety Product Market Environment .................. 231
14 Africa/Mideast: Food Safety Product Demand by Type & Market .................. 233

INDUSTRY STRUCTURE
1 World Food Safety Product Sales by Company, 2011 .................. 237
Cht World Food Safety Product Market Share, 2011 .................. 240
Cht World Food Safety Disinfectant & Sanitizer Market Share, 2011 .................. 244
Cht World Food Safety Disinfection Equipment Market Share, 2011 .................. 245
Cht World Food Safety Diagnostic Product Market Share, 2011 .................. 246
2 Selected Acquisitions & Divestitures .................. 250
3 Selected Cooperative Agreements .................. 253
World demand to rise 8.4% annually through 2016

World demand for food safety products is forecast to rise 8.4 percent per year to $18 billion in 2016. High profile international foodborne illness outbreaks, in addition to large product recalls due to food safety concerns, will continue to fuel demand as the prevention, identification, and traceability of food contaminants will remain key issues for consumers, food industry participants, and legislators. Demand for food safety products will also be boosted by the adoption of more stringent food safety regulations in both developed and developing countries. Advances will further be supported by growth in food and beverage production, and expansion in the foodservice industry, as food processing plants and foodservice establishments constitute the largest markets for food safety products.

Food processing plants to remain largest market

The food processing plants segment will continue to account for the majority of the overall market for food safety products. The largest share of demand will stem from the meat, dairy, and beverage industries. Raw meat is easily contaminated during slaughter and subsequent processing, necessitating extensive food safety measures. Dairy product manufacturers will use food safety product improvements to extend dairy product shelf life, with above average growth expected for organic dairy products. Gains in beverage applications will be fueled by investment in disinfection equipment, particularly filtration, ultraviolet, and ozone equipment, to purify water supplies.

Disinfection products to remain largest segment

Disinfection products will continue to account for the largest share of the global market for food safety products, representing over one-half of total demand through the forecast period. Disinfectants and sanitizers are used at every level of food production, delivery, and preparation, reflecting the variety of potential food contamination points. Use of disinfection equipment, on the other hand, is concentrated at the food processing level. Demand for diagnostic testing products will benefit from an upsurge in the frequency of food plant inspections, in no small part due to increasingly strict food safety regulations worldwide. Demand for disposable gloves is also expected to advance rapidly, boosted by gains in foodservice applications, especially in the fast growing quick service restaurant segment. Good opportunities will exist for smart labels and tags, driven by the rapid adoption of new smart label technology in food packaging and heightened emphasis on traceability in the food supply chain.
Asia/Pacific

Australia: Food Safety Product Demand

In 2011, demand for food safety products in Australia totaled US$192 million, representing five percent of the market for the Asia/Pacific region. Disinfection products will continue to account for the bulk of total demand, due to widespread usage in the country’s food and beverage processing sector. Food and beverage processing plants remain the largest market for food safety products, with foodservice and farm applications also accounting for significant shares of the market.

Demand for food safety products in Australia is forecast to increase 5.9 percent annually to US$256 million in 2016. Improvements in food and beverage output will boost demand, as will increasing regulatory pressures regarding food safety. Australia is expected to continue to be one of the cleanest countries in the world, due to rigorous quality controls applied by food industry participants and verified by inspection agencies. The Food Standards Code is continually updated to include the latest developments in food safety. For instance, in May 2012 the code was amended to approve the use of 1,3-dibromo-5,5-dimethylhydantoin (DBDMH) as an antimicrobial processing aid for treating poultry, meat carcasses, and other animal parts. Trade is also a factor in certain applications. For example, Australia is one of the world’s largest beef producers, with significant exports to countries like Japan, which has high food safety standards.

The Food Safety Standards for Australia will continue to require food-related businesses to follow strict food safety practices, facilities and transport vehicles that meet specific standards. Other organizations such as the Food Safety Centre (FSC) and the Food Safety Information Council (FSIC) are actively promoting food safety through various initiatives, including research and publications.

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<tr>
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<td>49</td>
<td>63</td>
<td>82</td>
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<td>140</td>
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<tr>
<td>Diagnostic Products</td>
<td>29</td>
<td>40</td>
<td>56</td>
<td>77</td>
<td>106</td>
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<tr>
<td>Food Processing Plants</td>
<td>70</td>
<td>92</td>
<td>121</td>
<td>160</td>
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</tr>
<tr>
<td>Foodservice Establishments</td>
<td>15</td>
<td>20</td>
<td>26</td>
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<td>45</td>
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<td>Other Markets</td>
<td>24</td>
<td>31</td>
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<td>62</td>
<td>85</td>
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</tbody>
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Sample Text, Table & Chart
BioControl Systems Incorporated
12822 Southeast 32nd Street, Suite 100
Bellevue, WA  98005
425-603-1123
http://www.biocontrolsys.com

Annual Sales:  $50 million (estimated)
Employment:  210 (estimated)

Key Products:  pathogen detection systems and hygiene monitoring test systems

BioControl Systems is a worldwide producer of industrial microbiology testing products. The privately held company primarily serves the food testing market.

The Company’s food safety products include pathogen detection systems and hygiene monitoring products. Among BioControl Systems’ rapid pathogen tests are the TRANSIA, ASSURANCE, SIMPLATE, VIP, and 1-2 TEST brands. TRANSIA pathogen tests from the Company are available for Staphylococcal enterotoxins, E. coli O157:H7, Campylobacter, Listeria, and Salmonella. It’s ASSURANCE pathogen tests are available in enzyme immunoassay (EIA) and Genetic Detection System (GDS) types. Among these products, ASSURANCE EIA tests for Campylobacter, Listeria, Salmonella, and E. coli O157:H7 feature EIA technology. ASSURANCE GDS tests are used to detect Campylobacter, E. coli, Listeria, Shiga toxins, and Salmonella. The Company also creates SIMPLATE tests, which use a nutritionally defined formulation to detect the presence of Campylobacter, E. coli, coliforms, yeast, and mold. Other pathogen tests from BioControl Systems include VIP GOLD rapid visual immunoprecipitate assays for Salmonella, Listeria, and E. coli O157:H7 that are self-contained and

"Foodservice revenues in Australia are projected to increase 3.3 percent annually to US$33 billion in 2016. Overall economic expansion and increases in consumer spending will support advances in away-from-home food expenditures. The fastest growth will be seen in quick service restaurants, based on the convenience and value emphasis of these establishments. However, factors that will moderate gains in that segment include …”

--Section VI, pg. 160

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Page 7
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