

Trends 2023

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Top Influential Megatrends Through 2040 Euromonitor International

Sources: The Most Influential Megatrends Through 2040, Euromonitor International 2023; Voice of the Customer: Lifestyles Survey, Euromonitor International Jan/Feb 2023



Megatrends Through 2040

Digital Living

Convenience

Diversity and Inclusion

Experience More

Personalization

Megatrends Through 2040

Premiumization

Pursuit of Value

Shopper Reinvented

Sustainable Living

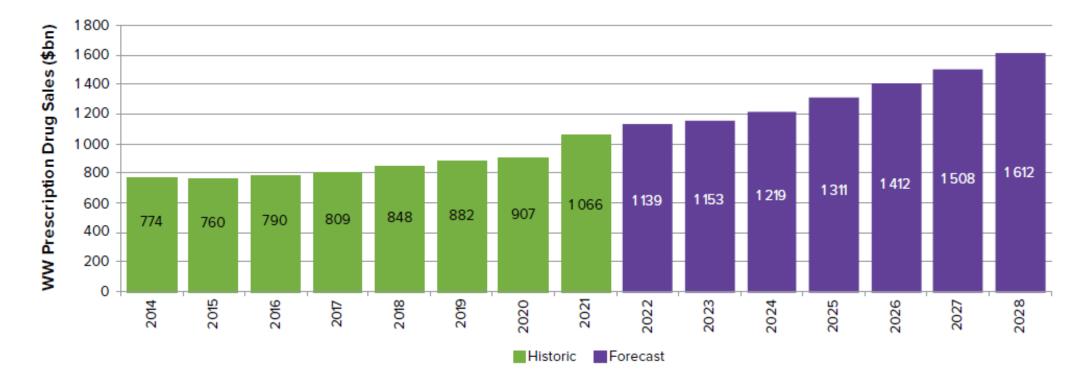


Pharma & Nutra Trends

Pharmaceutical Trends



By the Numbers – Global RX Sales



Sales of prescription drugs are forecast to grow 6% on an annualized basis out to 2028, according to Evaluate Pharma forecasts.
Note: 6.1% CAGR 2021-2028
Source: Evaluate Pharma® (Aug 2022)

Pharmaceutical Trends



By the Numbers – OTC Sales

Category	2021	2022	2023	2024	2025	2026	2027	2021 - 2027 CAGR %
OTC Overall	34,655.6	37,047.3	38,691.4	40,363.6	41,857.5	43,201.8	44,475.1	. 4.2
OTC Key Categories:								
Sleep Aids	2,005.5	1,982.9	2,101.6	2,204.7	2,344.0	2,479.9	2,608.6	4.5
Cough, Cold, Allergy Remedies	10,986.5	12,301.4	12,690.3	13,276.9	13,775.0	14,219.2	14,627.5	4.9
Eye Care	1,571.9	1,644.7	1,766.6	1,862.1	1,946.5	2,021.3	2,094.0	4.9
Adult Mouth Care	303.8	303.5	322.0	336.3	350.0	362.3	373.8	3.5
Analgesics	7,220.6	7,879.2	8,199.4	8,561.6	8,879.5	9,167.1	9,445.8	4.6
Digestive Remedies	5,612.6	5,705.2	6,043.1	6,304.3	6,518.5	6,691.2	6,850.2	3.4
Dermatologicals (Skin)	3,951.2	4,060.6	4,252.2	4,391.0	4,513.9	4,624.3	4,732.7	3.1
Other Health Categories:								
Sports Nutrition	12,856.9	14,621.5	16,391.3	17,906.2	19,325.7	20,398.6	21,356.9	8.8
Weight Management and Wellbeing	6,750.7	7,001.6	7,235.9	7,417.5	7,645.3	7,862.4	8,116.0	3.1
Herbal/Drug-Free/Natural Products	8,888.8	9,431.5	10,165.5	10,770.6	11,327.8	11,856.5	12,372.7	5.7





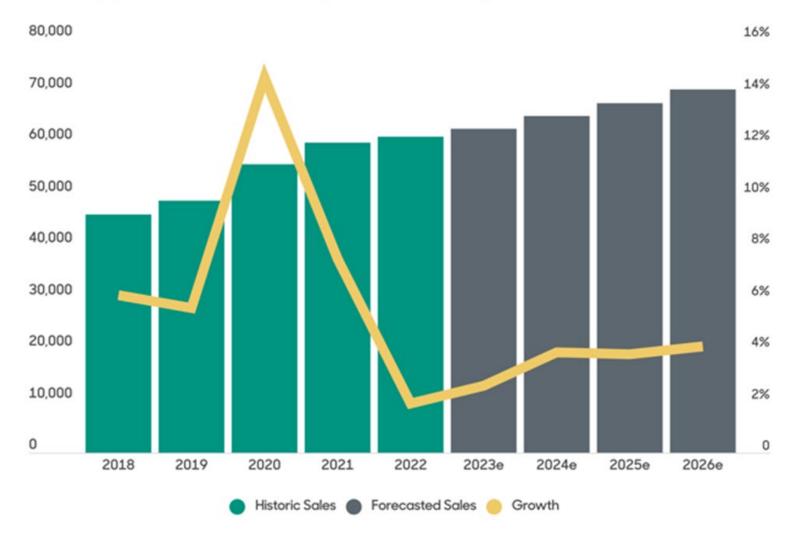
Pharmaceutical Trends

- Prevention, pre-emption and self medication
- Flexibility and creativity in finding solutions to capacity and supply issues
- New medicines for a range of diseases
- Increased security concerns from consumers
- Telemedicine continues to grow
- Digital, wearable technology and sensors

Nutraceutical Trends



Supplements Sales and Growth 2018-2026e



Source: Nutrition Business Journal (\$mil, consumer sales)

Packaging with purpose.

Source: NBJ Supplements Report June 2023

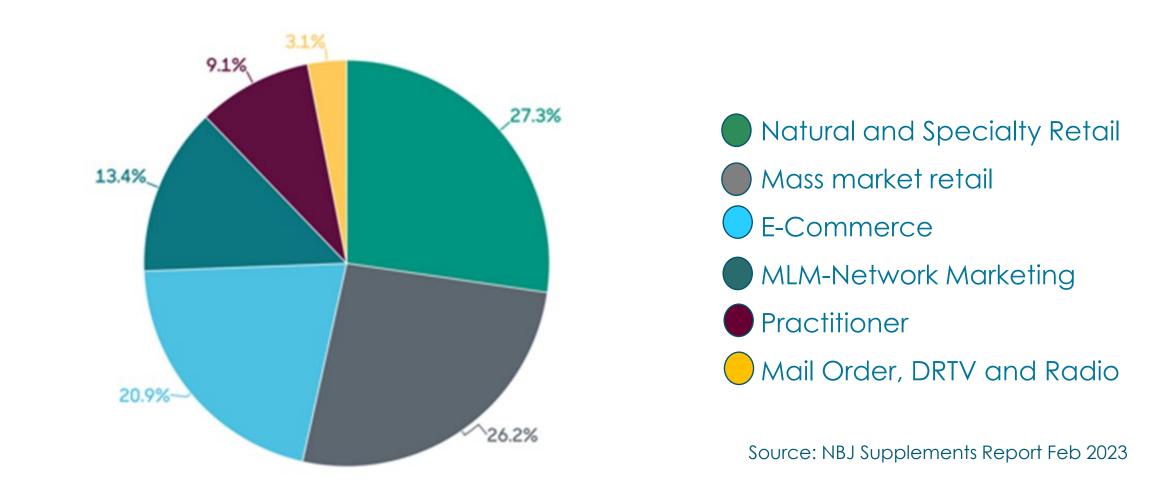
Nutraceutical Trends Supplement Category Growth



	2018	2019	2020	2021	2022	2023e	2024e	2025e	2026e
Herbs and botanicals	9.4%	8.6%	17.3%	9.7%	-1.9%	3.2%	5.9%	4.8%	4.9%
Meal supplements	6.6%	4.7%	5.4%	4.3%	3.7%	3.5%	6.2%	6.2%	6.0%
Minerals	2.1%	2.7%	11.4%	6.7%	2.0%	0.7%	0.6%	0.6%	2.0%
Specialty and other supplements	4.8%	6.7%	12.0%	9.4%	6.9%	4.6%	5.4%	5.2%	5.3%
Sports nutrition supplements	7.9%	6.5%	6.6%	9.2%	9.7%	7.1%	7.3%	6.8%	6.3%
Vitamins	4.7%	3.8%	22.3%	5.5%	-2.5%	-1.1%	-0.5%	0.0%	1.0%
Total	6.1%	5.7%	14.5%	7.5%	1.9%	2.6%	3.9%	3.8%	4.1%

Nutraceutical Trends By the Numbers – Supplement Industry Sales by Channel

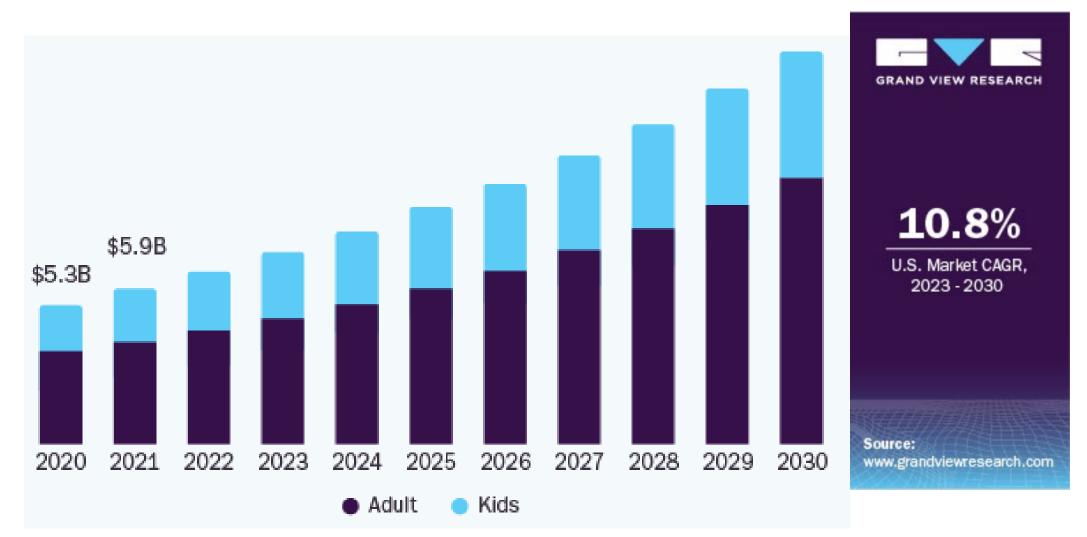




Nutraceutical Trends

By the Numbers – US Gummy Market Size 2020-2030

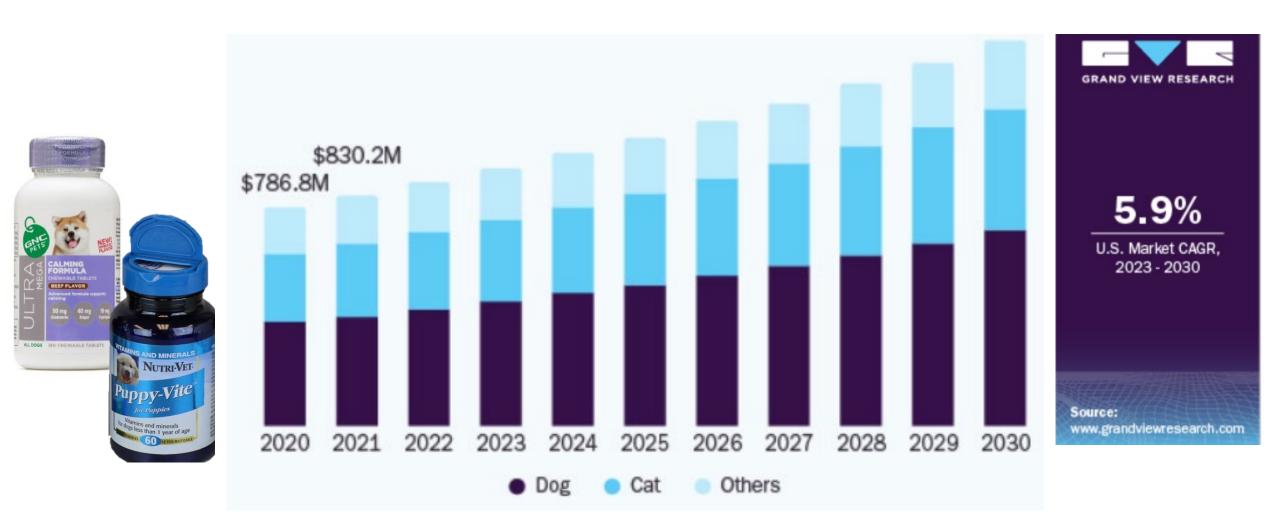




Nutraceutical Trends for Pets

By the Numbers – US Pet Supplements Market Size 2020-2030







Nutraceutical Trends

- Easy, convenient and enjoyable formats
- Immunity support
- Digestive and brain health supplements
- Personalized health products
- Continued e-commerce growth
- Inflationary, supply chain and labor pressures
- Millennials entering middle age

Personal Care





Beauty & Personal Care Trend: Convenience

- Convenient, frustration-free packaging for the on-the-go consumer culture
- Packaging must meet the demands of consumers that are increasingly fickle and time constrained
- It must also be easy to use and open

Beauty & Personal Care Trend: Ecommerce

- Packaging for the online
 experience
- Consumers continue to embrace the digital world and online shopping
- Social media continues to influence purchase decisions





Beauty & Personal Care Trend: Male Specific Packaging

 Packaging designed for the male population, a growing market segment in personal care, should be designed for quick access and convenient usage, with labeling targeting men





Beauty & Personal Care Trend: Aging Population

- The global population of women aged 50+ will grow to 1.3 billion in the next 15 years, driving demand for age-specific, antiaging, and restorative products
- Packaging that is easy to hold, open and close is the essential for older adults





Beauty & Personal Care Trend: Beauty From Within

Consumers are increasingly seeking inside-out options to compliment/ support their beauty routines (cosmeceuticals)

Beauty & Personal Care Trend: Raising Awareness

- Consumers are not only becoming increasingly aware of and concerned about ingredients in the products they use, choosing vegan/organic/ natural, etc., they expect the same sustainability from packaging
- Recycled and recyclable materials influence purchase decisions for many consumers





Beauty & Personal Care Trends 2023: EcoBeautyScore

- A new global initiative
- program to assess environmental impact scores for cosmetics and personal care companies.
- Science based methodology
- 70 Cosmetics industry stakeholders currently participating
- ecobeautyscore.com

Top Specialty Food Trends 2023





Innova Market Insights Top Trends

Redefining Value Affordable Nutrition

Generational Push

Plant Based

Farming the Future

Innova Market Insights Top Trends

Quick Quality

Devouring Digital

Revenge Spending

Unpuzzle Health

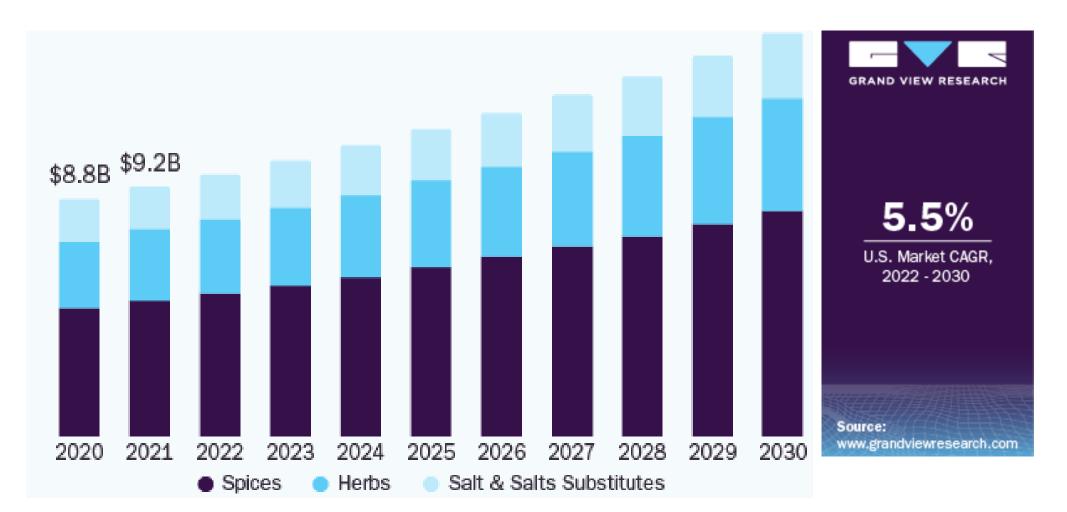
Positively Imperfect



Spice and Seasoning Trends

Spice and Seasonings Trends By the Numbers – US Market Size by Product 2020-2030







Top Spice & Seasoning Trends



The Rise of Vegetarians & Vegans

Immunity Boosting

Food as Medicine

Authentic Hot and Spicy



Dressings and Sauces Trends





Salad Dressing Trends Trends

Market Growth

Cooking at Home

Rising Awareness of Health and Nutrition

Proliferation of Dressing Flavors

Sustainability

Sustainability Trends We're Watching

- Consumers consider brands responsible for progressing sustainability.
- Legislation and governance will drive sustainability action with an increasingly demanding legislative schedule of sustainability reform and requirements.
- Greenwashing fines and scrutiny will make many companies reconsider their claims. As a result, we are likely to see more certification and transparency in the near future.



Trends We're Watching

- Some companies will see themselves scrambling to drive progress in their organizations as the regulatory and financial implications become evident.
- Companies and consumers will make a major shift past purpose statements and will be held accountable to show real proof of traction towards true and meaningful change.
- Overseas products that are dependent on long distance supply chains represent high risk as exposure to inflationary pressures continues.





McKinsey Survey Data

Good News:

According to the latest McKinsey survey, in both food and nonfood categories, there is a subset of consumers highly concerned about sustainability with a considerable willingness to pay a premium for green packaging.

Bad News:

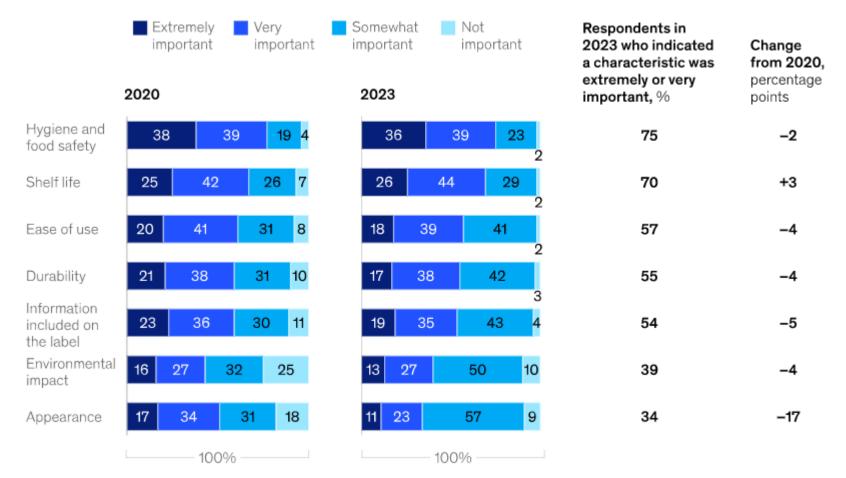
There is there is not a universal solution for packaging players consumers today have diverse views on packaging sustainability.

- Ex: in some of our segments, consumers rank fiber packaging as the most sustainable.
- In others, they rank compostable plastic film as the most sustainable.

McKinsey Survey Data Hygiene, Food Safety and Shelf Life are Principal Packaging Concerns



Importance of packaging characteristics,1 % of respondents



Note: Figures may not sum to 100%, because of rounding.

Packaging with purpose.

¹Question: "When making a purchase, how important are the following characteristics of the product's packaging to you?" Source: McKinsey Packaging Survey, July 2020 (n = 1,000); McKinsey Packaging Survey, January 2023 (n = 1,500)

Key Takeaway

Packaging players need to not only understand how consumers buy and use products, as well as how the packaging is disposed of, but also consider how to improve the pain points (for example, the hassle of recycling by cleaning packaging and bringing it back to the store).





Important Resources: Circular Packaging Assessment Tool

Circular Packaging Assessment Tool









Assess the Circularity of a Package

The Circular Packaging Assessment Tool provides step-by-step instructions to help companies to understand and evaluate packaging within the Residential* Recyclability Framework, identifying challenges that must be addressed to achieve the circular system of the future.

https://recyclingpartnership.org/circular-packaging-assessment/

Important Resources: Plastic IQ







Important Resources: Plastic IQ Catalysts



https://plasticiq.org/

Important Resources: Recycle Check

Recycle Check is a new platform from The Recycling Partnership that offers an interactive package-specific solution providing localized recycling information to consumers across the U.S.

With Recycle Check, consumers can scan a QR code or click a link to get real-time package-specific recycling information in seconds.



Trends Impact On Packaging

Impact on Packaging

- Sustainable Packaging
- Personalized Packaging
- Convenient Packaging
- Safe Packaging
- Transparency and Clear Labelling
- Smart Packaging
- Dynamic Shapes, Forms and Colors



Research Sources

Market Research Sources



Tradeshows

Supply Side, Pack Expo, Global Pet Expo, Global Pouch Forum, Natural Products, AAPEX, Contract Pharma

Other

Thomas.net

LinkedIn

Research Organizations Reports Euromonitor, Freedonia, Circana (formerly IRI & NPD) Mintel, GVR, McKinsey, Nielsen, Prevedere, Evaluate Pharma, Allied

Associations

PLMA, IQVIA, APR, CPA, NRF, FPA, PMMI, ASTA, ADS, SEMA, APPA, ACA, SPC

Publications | Newsletters FBN, SN, Food Dive, Food Processing, Grocery Dive, GCI, HAPPI Magazine, Cosmetics & Toiletries, NBJ/New Hope, Nutritional Outlook, Pharmaceutical Mfg., Medical Mfg., Contract Mfg., Contract Pharma, Store Brands, Pet Food Industry, Packaging World, Packaging Strategies, Packaging Europe, Flexible Packaging, CSA, Catalent, Plastics Technology, CGT

Bonus Content



Private Label



Private Label Trends Monthly Store Brand Sales vs. National Brands

Sales of private label products in all retail outlets in the United States increased more than 11% to reach \$229 billion in 2022, according to data from the Private Label Manufacturers Association (PLMA) and the market research company IRI, Inc, Chicago.

National brand dollar sales rose 6.1% to \$981 billion, bringing overall grocery industry sales up to \$1.2 trillion. (Food Business News 02.21.2023)

Dollar Sales vs '21







Private Label Trends

- Advantage Solutions 2023 Spring Outlook 2023 Survey: Retailers surveyed clearly indicated that private label will be their top strategy in tackling rising costs.
- Walmart: During the company's first quarter earnings conference call, John David Rainey, executive vice president and chief financial officer, said private brand penetration at the retailer's U.S. store continues to increase for the third consecutive quarter.
- **Dollar General:** First quarter sales at Dollar General increased more than 6%vs LY same quarter. According to their CEO, Dollar General continues to see signs of increasing financial strain on their shoppers.
- Store brands: experienced a double-digit increase in sales (10.3%) during the first quarter of 2023, according to data from the Private Label Manufacturers Association (PLMA) provided by the Chicago-based market research firm Circana. (Food Business News April 12, 2023)
- Private Label continues winning, department winners for 1st quarter 2023 include general food (+16%); Health Care (+10%); General Merchandise (+8.8%); Beauty (+7.4%) (Supermarket News May 2023)

Packaging Growth



Packaging Growth

- Caps & Closures. Global Market expected to be worth \$85 billion by 2026, with a CAGR of 5.5% from 2021-2026, (Markets and Markets). According to Market Data Research, 2022-2028 CAGR for Caps and Closures is expected to be 6.12%; Future Market Insights is forecasting a CAGR of 5.3% from 2023-2033. Allied Market Research is projecting a CAGR of 4.9% for 2022-2031.
- **Rigid Plastic Packaging.** 6.5% CAGR 2023-2027, The Business Research Co.; 4.7% CAGR 2023-2030, Markets and Markets Research; 4.9% CAGR 2021-2028 Allied Market Research.
- Flexible Packaging. 4.77% CAGR 2023-2028, Mordor Intelligence; 4.7% CAGR 2023-2030 Grandview Research; 4.5% CAGR 2022-2027 Research & Markets. 4.2% CAGR 2023-2030, Imarc Group.



Packaging with purpose.

Chicago

Corporate

100 N Field Drive, Suite 100 Lake Forest, IL 60045

Plattsburgh

Manufacturing

1 Plant Street Plattsburgh, NY 12901

Twinsburg

Manufacturing

2222 Highland Road Twinsburg, OH 44087

Somerset

Manufacturing

17 Veronica Avenue Somerset, NJ 08873