

# **India Used Cooking Oil Market Report by Source (Food Processing Industry, HoReCa, Household, and Others), Application (Biodiesel, Oleochemicals, Animal Feed, and Others), and Region 2024-2032**

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## **Abstracts**

The India used cooking oil market size reached 3.3 Million Tons in 2023. Looking forward, IMARC Group expects the market to reach 4.3 Million Tons by 2032, exhibiting a growth rate (CAGR) of 2.88% during 2024-2032. The considerable growth in the food service industry, escalating demand for biofuels, and growing consumer awareness regarding the adverse effects of consuming food cooked in reused oil represent some of the key factors driving the market.

The used cooking oil market has been experiencing continuous growth. The food service industry employs significant quantities of cooking oil for frying purposes, which has resulted in a substantial increase in the volume of used cooking oil generated. In line with this, rapid urbanization is leading to a paradigm shift towards higher consumption of processed and packaged food. Furthermore, the rise of the middle class has resulted in an increase in eating out and a surge in the number of restaurants, hotels, and fast-food chains in urban areas, which is also propelling the market. Additionally, the emergence of specialized companies offering services to collect and recycle used cooking oil is creating a demand for collection and recycling services. By providing collection services to the food service industry, these companies have enabled the industry to sell their used cooking oil and generate a new revenue stream.

Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. The market structure is concentrated with the presence of a few

players in the industry, due to the intense competition among them for attaining a higher market share. The volume of new entrants is moderate in the India used cooking oil industry due to the presence of sub-optimal processing infrastructure, high capital investments for biodiesel processing units, and ill-defined biodiesel distribution channels.

### What is Used Cooking Oil?

Used cooking oils (UCOs) include vegetable oils like canola oil, soybean oil, and corn oil, and animal-based fats like lard and tallow that have already been used for frying or cooking food previously. In comparison to fresh oil, used cooking oil is generally darker in color and has a distinct smell. In addition, its smoke point is lower than fresh oil, and it contains impurities, such as food particles and water. Even though used cooking oil can be reused for frying multiple times, it is important to maintain its quality by removing impurities and cleaning it between uses. Due to its ability to be converted into biodiesel, it can be used as a sustainable source of energy. Additionally, it can be recycled to make soap, which reduces waste volume in landfills.

### COVID-19 Impact:

The COVID-19 pandemic has had a significant impact on various sectors, including the used cooking oil (UCO) industry and the food processing industry. Measures to contain the spread of COVID-19, such as the closure of food services, reduction of transport services, and trade restrictions, have caused disruptions in both domestic and international supply chains. The enforced shutdown of these industries resulted in a decrease in the collection volume of UCO. Along with lower demand, complications in logistics and port clearance due to health and safety measures negatively impacted the supply chain. Additionally, the unavailability of used cooking oil as a feedstock, along with reductions in various industrial activities, led to a drop in demand for biodiesel fuel in numerous end-use industries. However, in the second half of 2020, the gradual lifting of restrictions and resuming of business operations in various sectors has led to the reopening of food business operations and renewed production of cooking oil. In the long run, the market is expected to grow at a stable growth rate.

### India Used Cooking Oil Market Trends:

The market in India is primarily driven by the escalating demand for biofuels across the country. This can be attributed to an enhanced focus on reducing carbon emissions and adopting sustainable energy resources. In line with this, the growing recycling of used

cooking oil due to the growing consumer awareness regarding the adverse effects of consuming food cooked in reused oil is providing an impetus to the market. Moreover, stringent regulations imposed by the Indian government regarding the disposal of used cooking oil into the environment is providing an impetus to the market. Besides this, favorable initiatives such as tax rebates, subsidies, and financial incentives to encourage the collection and recycling of used cooking oil is resulting in an increase in the supply of used cooking oil for conversion into biofuels. The increasing adoption of sustainable practices among restaurants and food service providers recycling their used cooking oil to reduce their carbon footprint is also driving the product demand as an efficient feedstock source. Some of the other factors contributing to the market include rapid industrialization, growing consumption of ready-to-eat and processed food, rising environmental concerns, depletion of fossil fuels and rising fuel costs, and extensive research and development (R&D) activities.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the India used cooking oil market report, along with forecasts at the country and regional level from 2024-2032. Our report has categorized the market based on source and application.

#### Source Insights:

Food Processing Industry

HoReCa

Household

Others

The report has provided a detailed breakup and analysis of the India used cooking oil market based on the source. This includes food processing industry, HoReCa, household, and others. According to the report, food processing industry represented the largest segment due to the rising consumption of take-away and on-the-go food products. In addition, the expansion of fast food chains, hotels and quick service restaurants (QSRs) are fueling the segment growth.

### Application Insights:

Biodiesel

Oleochemicals

Animal Feed

Others

A detailed breakup and analysis of the India used cooking oil market based on the application has also been provided in the report. This includes biodiesel, oleochemicals, animal feed, and others. According to the report, biodiesel accounted for the largest market share as it is a sustainable energy resource with minimal environmental impacts. Moreover, an enhanced focus on reduction of carbon footprint, landfill and pollution are further fueling the segment growth.

### Regional Insights:

North India

West and Central India

South India

East India

The report has also provided a comprehensive analysis of all the major regional markets, which include North, West and Central, South, and East India. According to the report, South India was the largest market for used cooking oil. Some of the factors driving the South India used cooking oil market included the considerable growth in the food service industry, continual technological advancements in recycling methods, introduction of favorable initiatives promoting and incentivizing oil collection and recycling.

### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the India used cooking oil market. Some of the companies covered in the report include:

Aris Bioenergy Private Limited

Biod Energy (India) Private Limited

Bluestone Energy

Eco Green Fuels

Gogreen Bioenergy India Pvt Ltd

K Nandini Refineries

Muenzer Bharat Pvt. Ltd.

Northern Biofuels Private Limited

Veolia Environment

Zomato

Please note that this only represents a partial list of companies, and the complete list has been provided in the report.

#### Key Questions Answered in This Report

1. What was the size of the India used cooking oil market in 2023?
2. What is the expected growth rate of the India used cooking oil market during 2024-2032?
3. What has been the impact of COVID-19 on the India used cooking oil market?
4. What are the key factors driving the India used cooking oil market?
5. What is the breakup of the India used cooking oil market based on the source?

6. What is the breakup of the India used cooking oil market based on the application?
7. What are the key regions in the India used cooking oil market?
8. Who are the key players/companies in the India used cooking oil market?

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