

INDUSTRIES & MARKETS

# Biofuel industry in Europe

# Table of Contents

## 01 Overview

- Global biofuel production 2000-2022
- Global share of biofuel production 2022, by country
- Global biofuels market size 2020-2030

## 02 Capacity

- Biodiesel and HVO production capacity in use in the EU 2013-2020
- Biodiesel production capacity in the EU 2012-2020, by key country
- HVO production capacity in the EU 2012-2020, by key country
- Leading HVO biodiesel producers by capacity in Europe 2020

## 03 Production

- Biofuel production in Europe and CIS 2000-2022
- Biofuel production in the EU 2000-2022
- Biofuel production in Europe 2022, by country
- Fuel ethanol production in the EU 2014-2023
- Leading producers of fuel ethanol in the EU 2022-2023
- Fuel ethanol feedstock consumption in the EU 2014-2023, by type

## 04 Trade

- Biodiesel import value in Europe 2012-2022

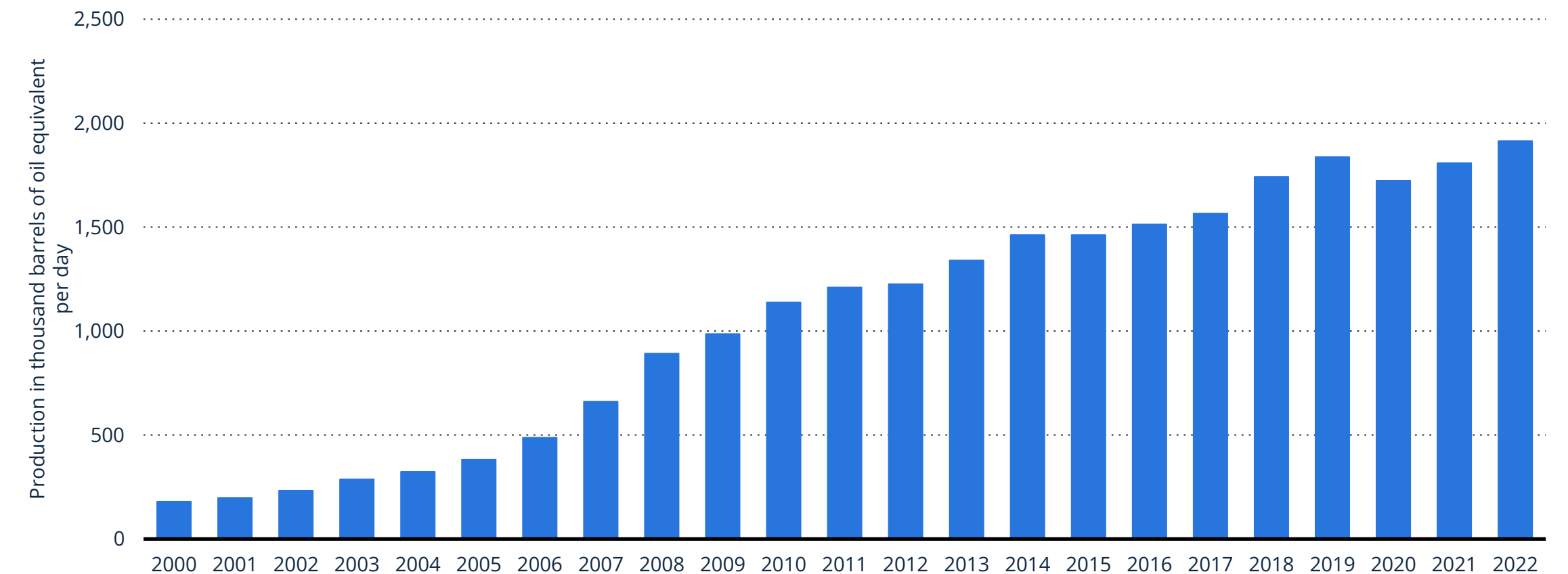
	Biodiesel import volume in Europe 2012-2022	<u>20</u>
<u>03</u>	Fuel ethanol import volume in the EU 2014-2023	<u>21</u>
<u>04</u>	Fuel ethanol export volume in the EU 2014-2022	<u>22</u>
<u>05</u>		
	05 Consumption	
	Share of biofuel consumption in the EU-27 for transportation 2021, by fuel type	<u>24</u>
<u>07</u>	Biofuels consumption for transportation in the European Union 2015-2021	<u>25</u>
<u>08</u>	Total volume of biofuels consumed for transportation in EU 2021, by country	<u>26</u>
<u>09</u>	Biodiesel consumption volume for transportation in the EU 2021, by country	<u>27</u>
<u>10</u>	Biogasoline consumed in the EU-27 for the transportation industry 2021, by country	<u>28</u>
	Biogas consumption volume of the EU transportation industry 2021, by country	<u>29</u>
	Leading consumers of fuel ethanol in the EU 2021-2023	<u>30</u>
<u>12</u>		
<u>13</u>		
<u>14</u>		
<u>15</u>		
<u>16</u>		
<u>17</u>		
<u>19</u>		

CHAPTER 01

# Overview

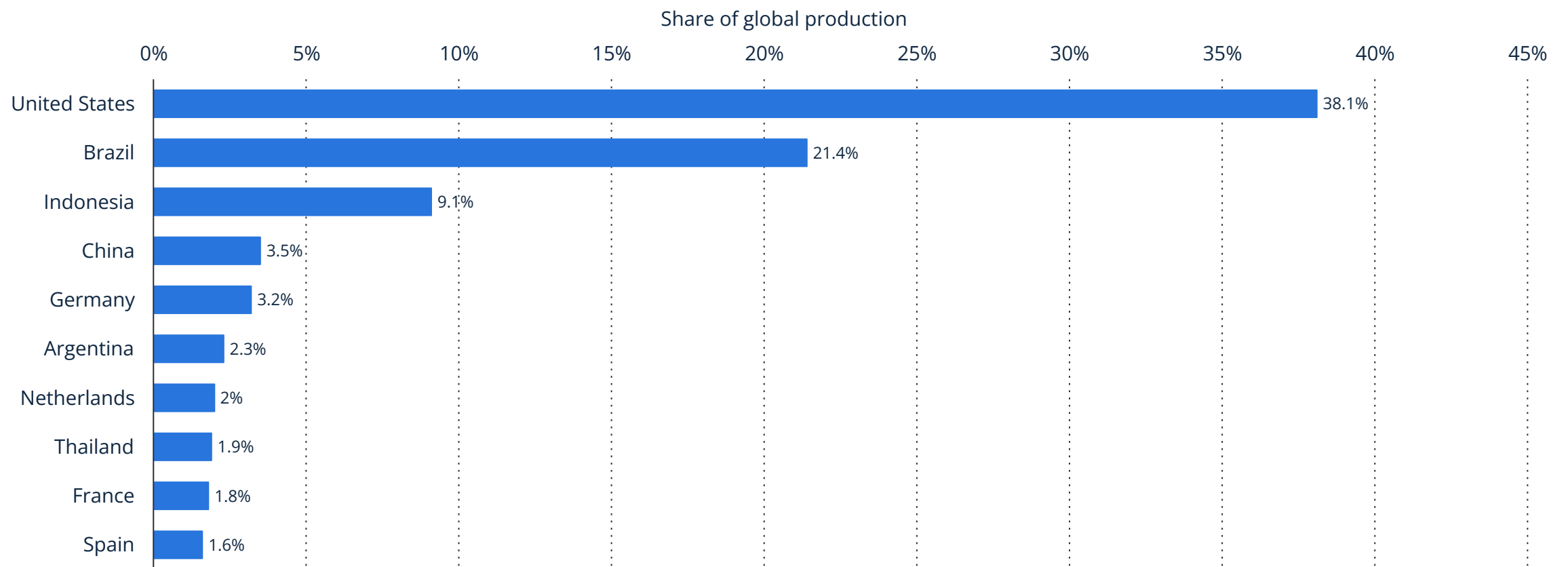
# Biofuel production worldwide from 2000 to 2022 (in 1,000 barrels of oil equivalent per day)

Global biofuel production 2000-2022



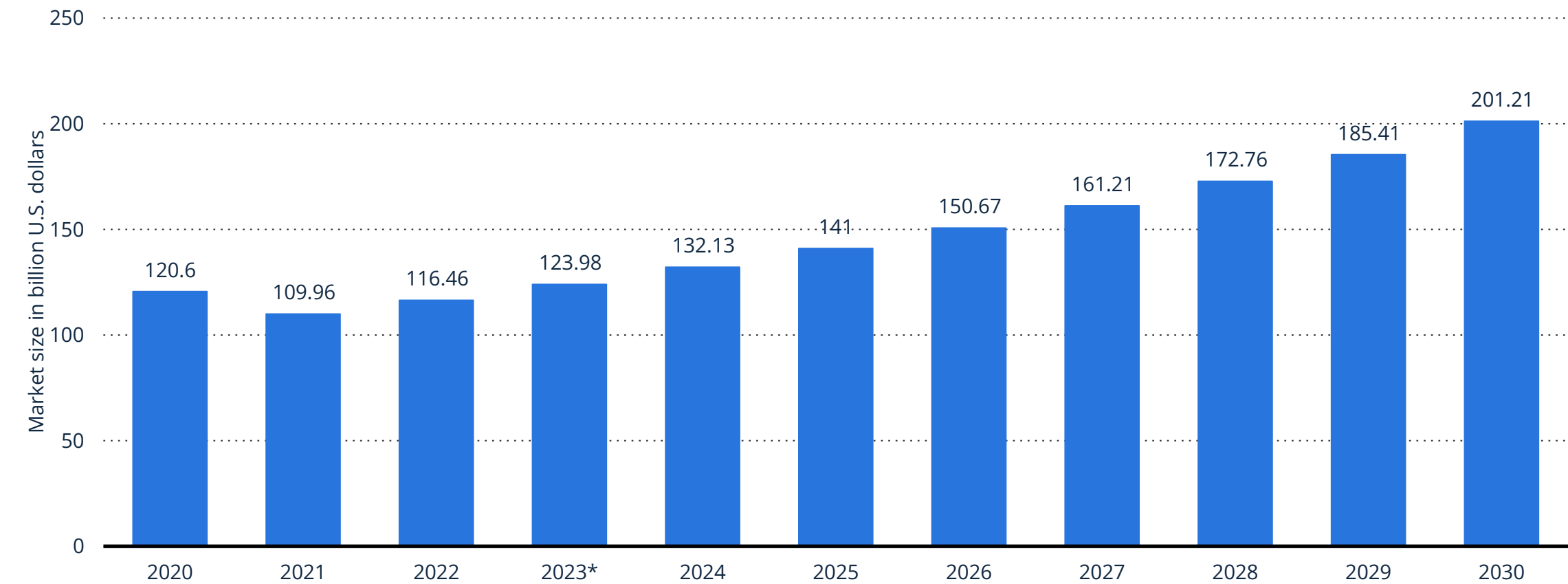
# Leading biofuel producing countries worldwide in 2022, by share of global production

Global share of biofuel production 2022, by country



# Market value of biofuels worldwide from 2020 to 2022, with a forecast until 2030 (in billion U.S. dollars)

Global biofuels market size 2020-2030

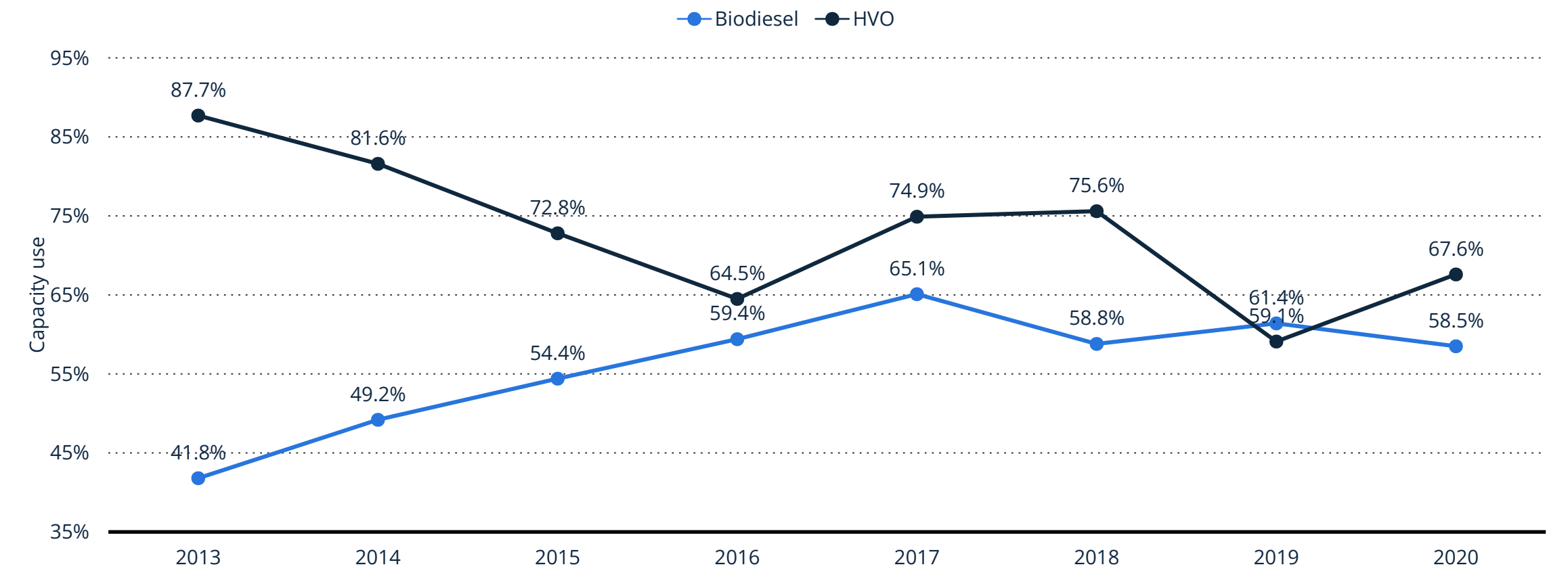


CHAPTER 02

# Capacity

# Share of total biodiesel and HVO production capacity in use in the European Union from 2013 to 2020

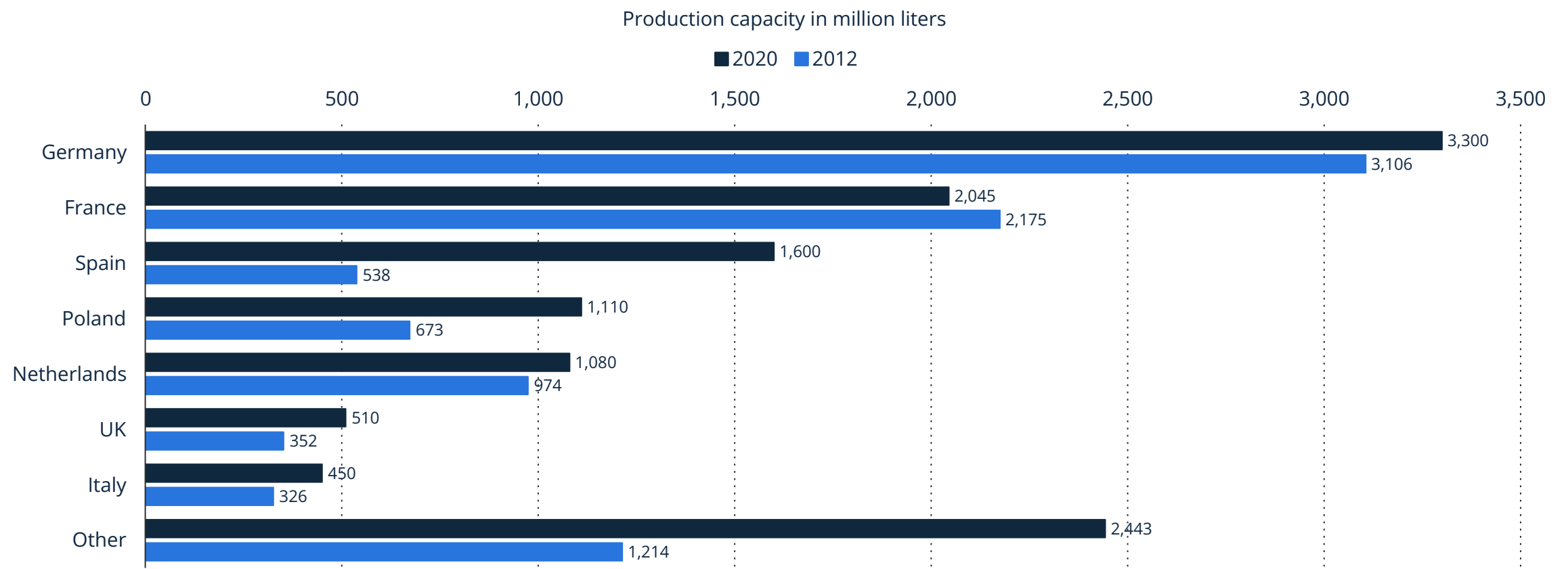
Biodiesel and HVO production capacity in use in the EU 2013-2020





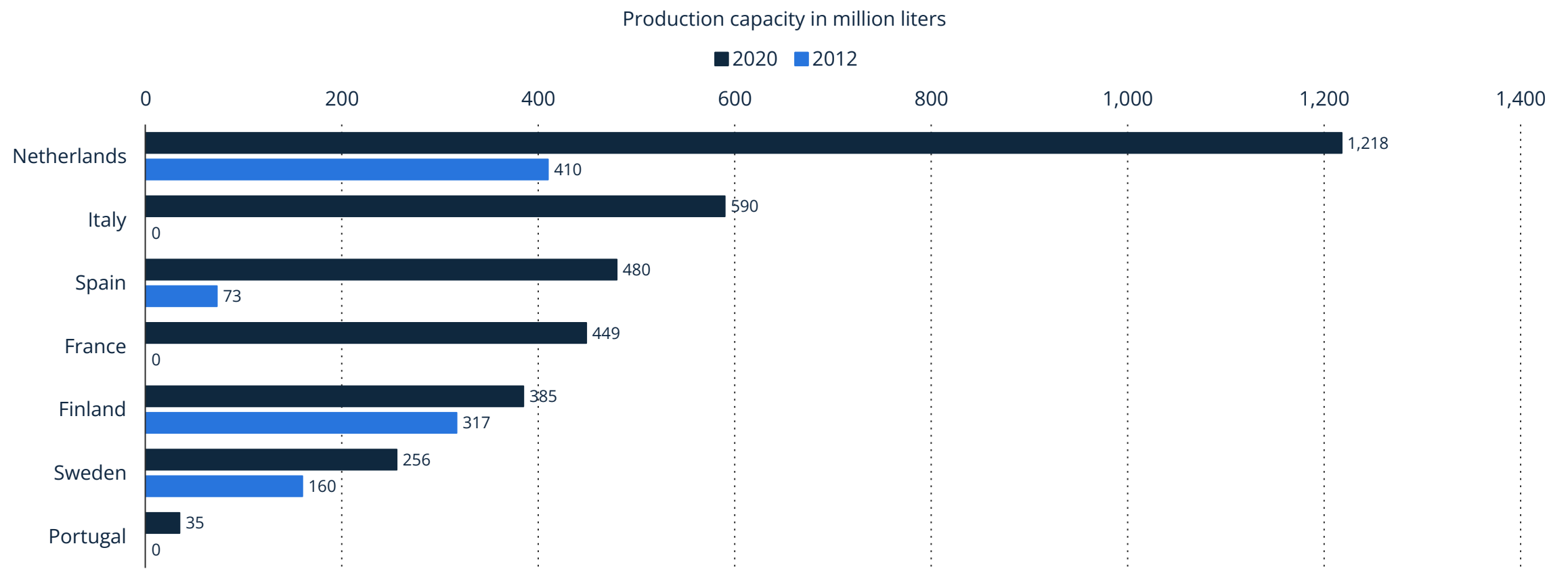
# FAME biodiesel production capacity in the European Union in 2012, with an estimate for 2020, by leading countries (in million liters)

Biodiesel production capacity in the EU 2012-2020, by key country



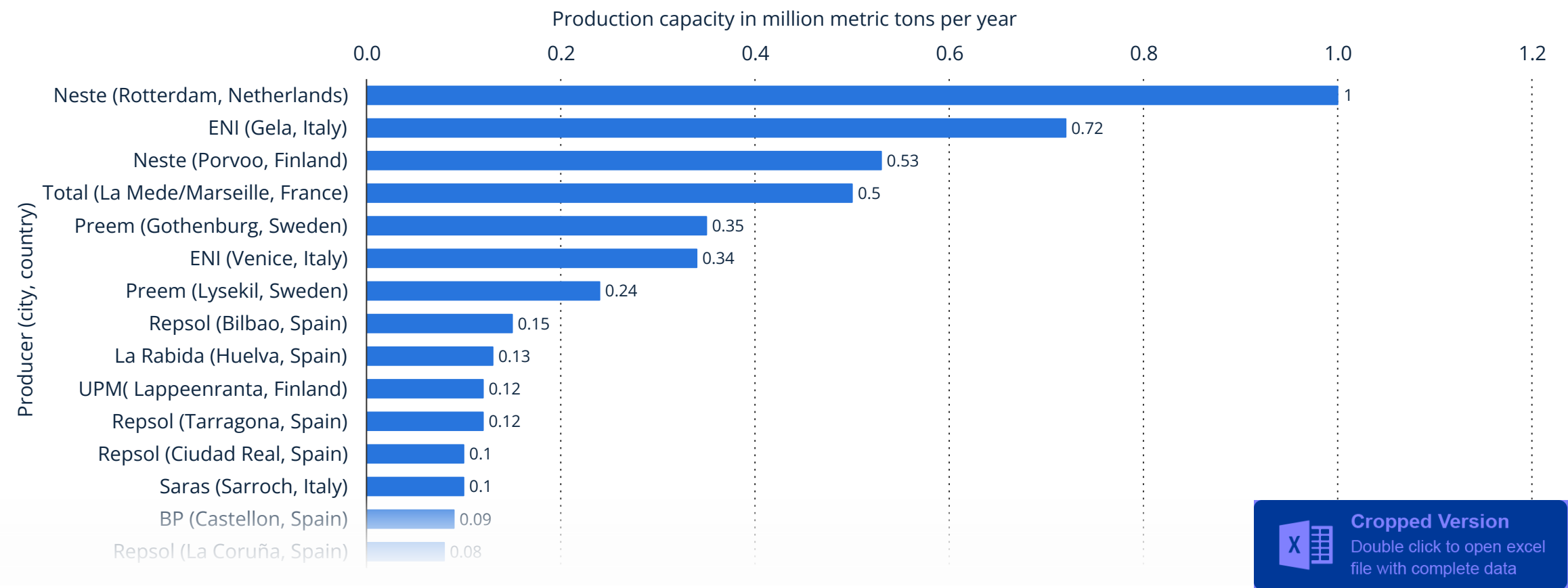
# HVO biodiesel production capacity in the European Union in 2012, with an estimate for 2020, by leading countries (in million liters)

HVO production capacity in the EU 2012-2020, by key country



# Leading HVO biodiesel producers by operating capacity in Europe in 2020 (in million metric tons per year)

Leading HVO biodiesel producers by capacity in Europe 2020

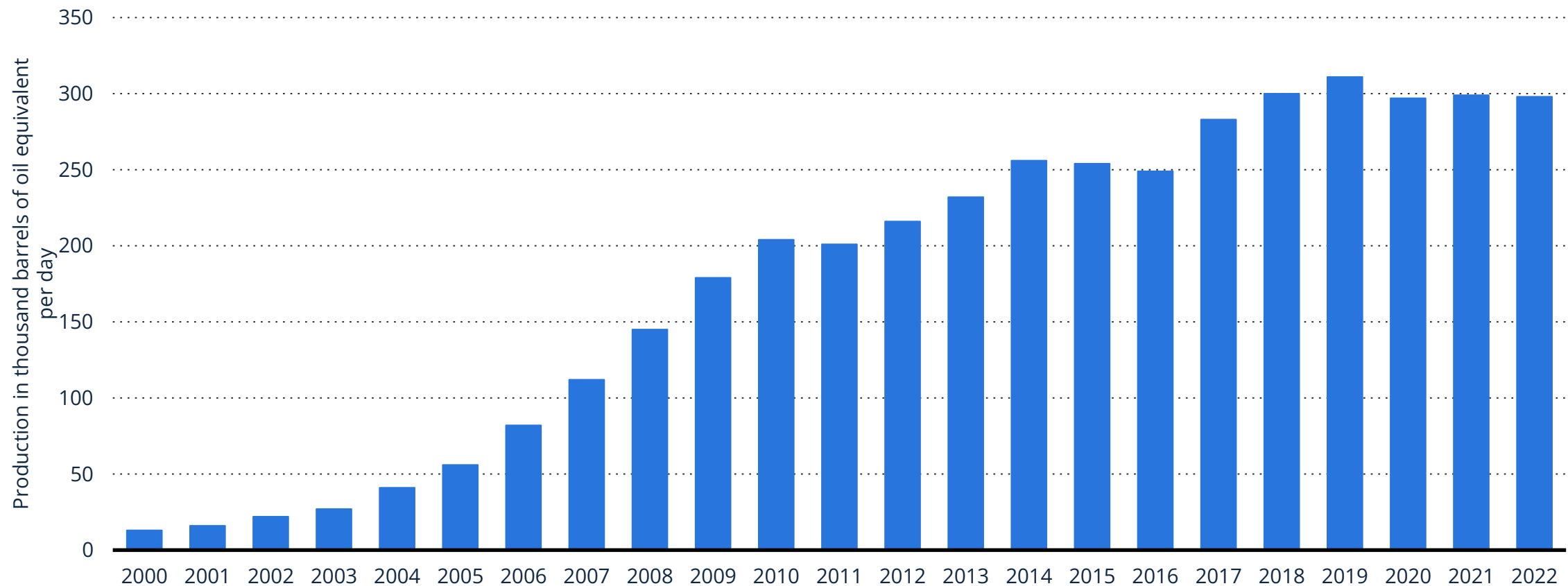


CHAPTER 03

# Production

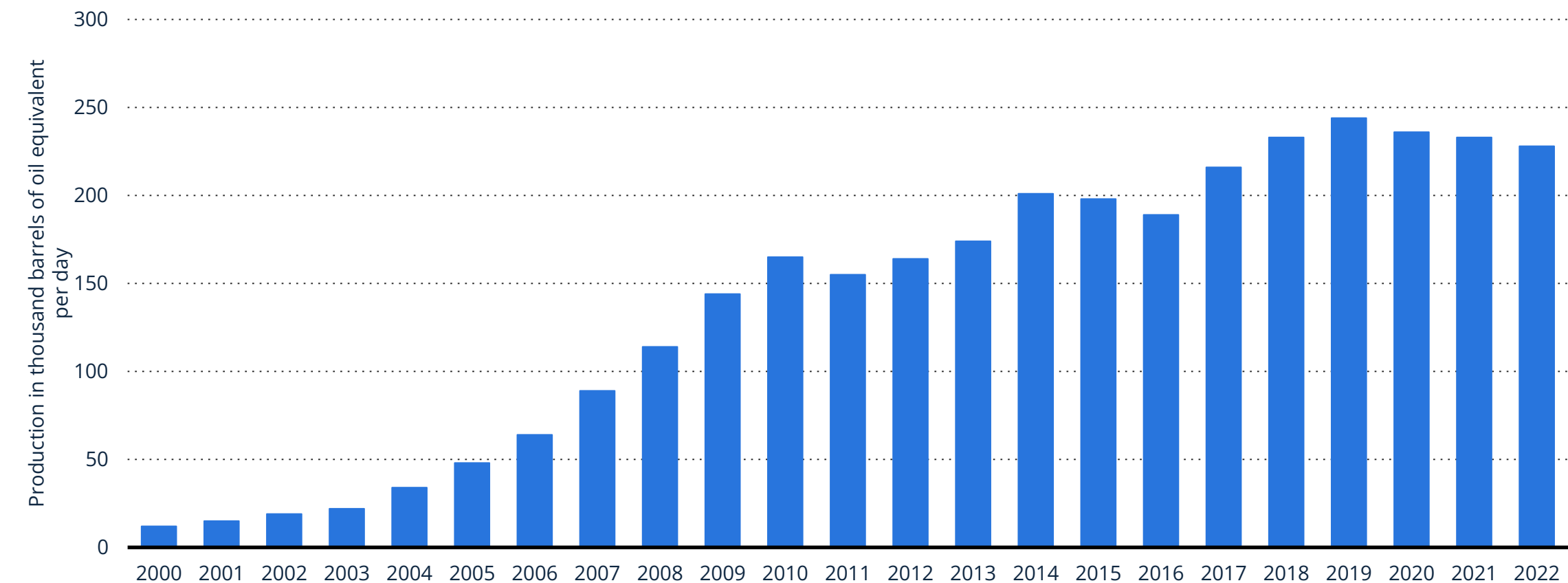
# Biofuel production in Europe and CIS from 2000 to 2022 (in 1,000 barrels of oil equivalent per day)

Biofuel production in Europe and CIS 2000-2022



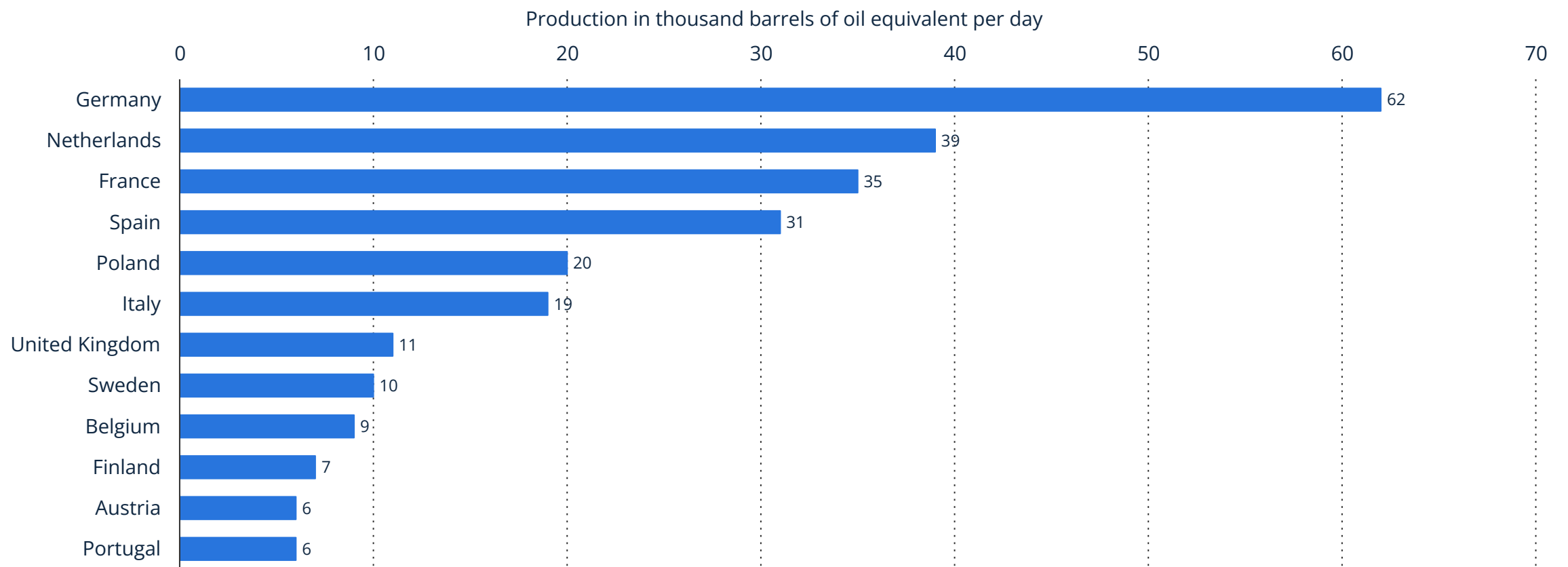
# Biofuel production in the European Union from 2000 to 2022 (in 1,000 barrels of oil equivalent per day)

Biofuel production in the EU 2000-2022



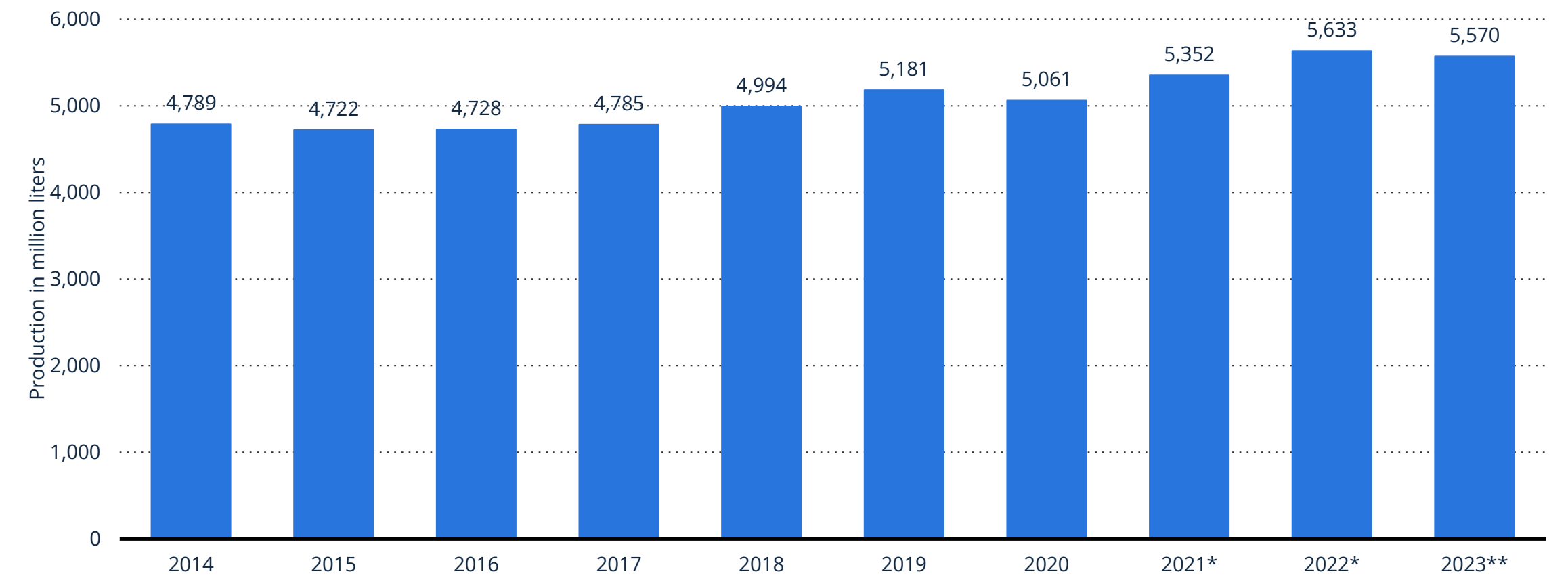
# Biofuel production in Europe in 2022, by country (in 1,000 barrels of oil equivalent per day)

Biofuel production in Europe 2022, by country



# Fuel ethanol production in the European Union from 2014 to 2022, with a forecast for 2023 (in million liters)

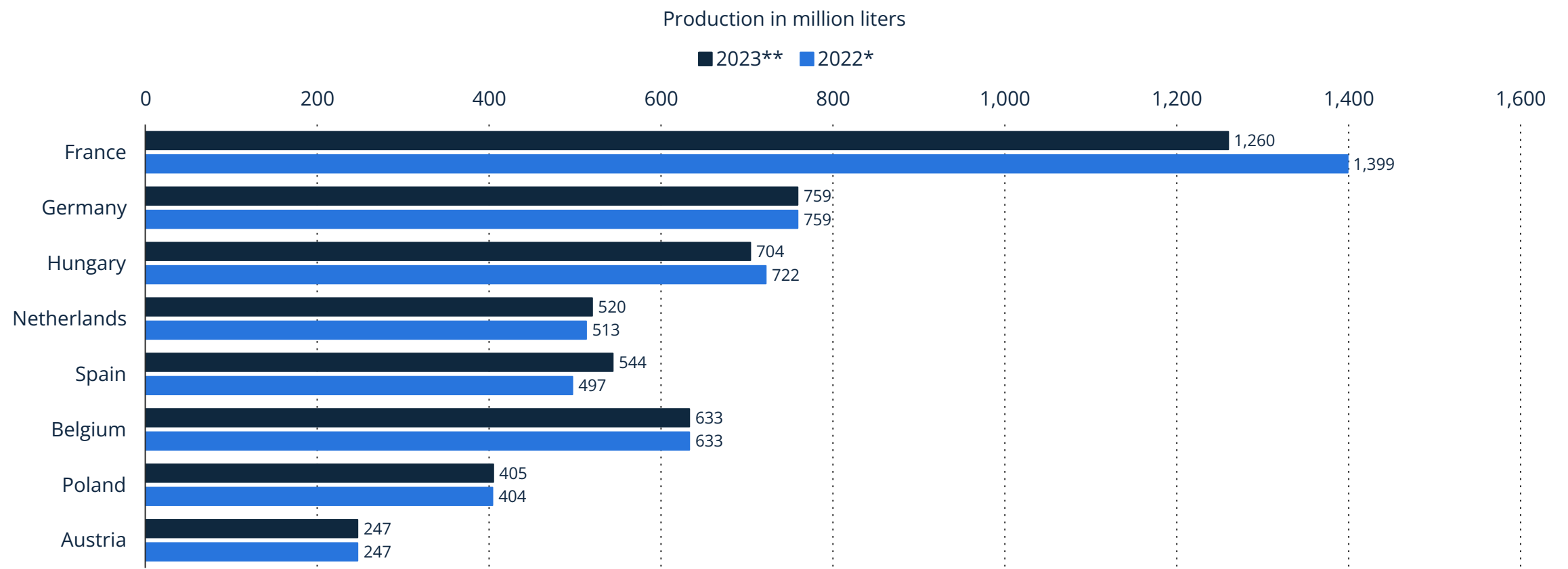
Fuel ethanol production in the EU 2014-2023





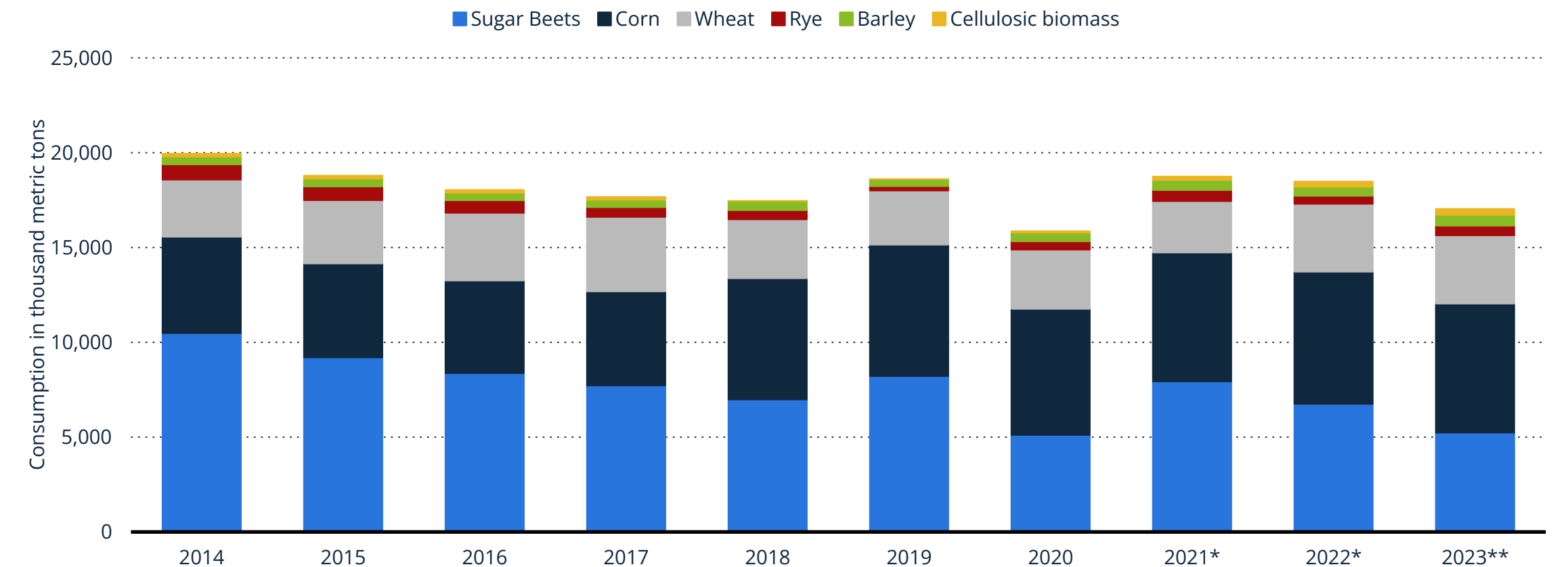
# Fuel ethanol production in the European Union in 2022, with a forecast for 2023, by key country (in million liters)

Leading producers of fuel ethanol in the EU 2022-2023



# Feedstock used in fuel ethanol production in the European Union from 2014 to 2022, by type (in 1,000 metric tons)

Fuel ethanol feedstock consumption in the EU 2014-2023, by type

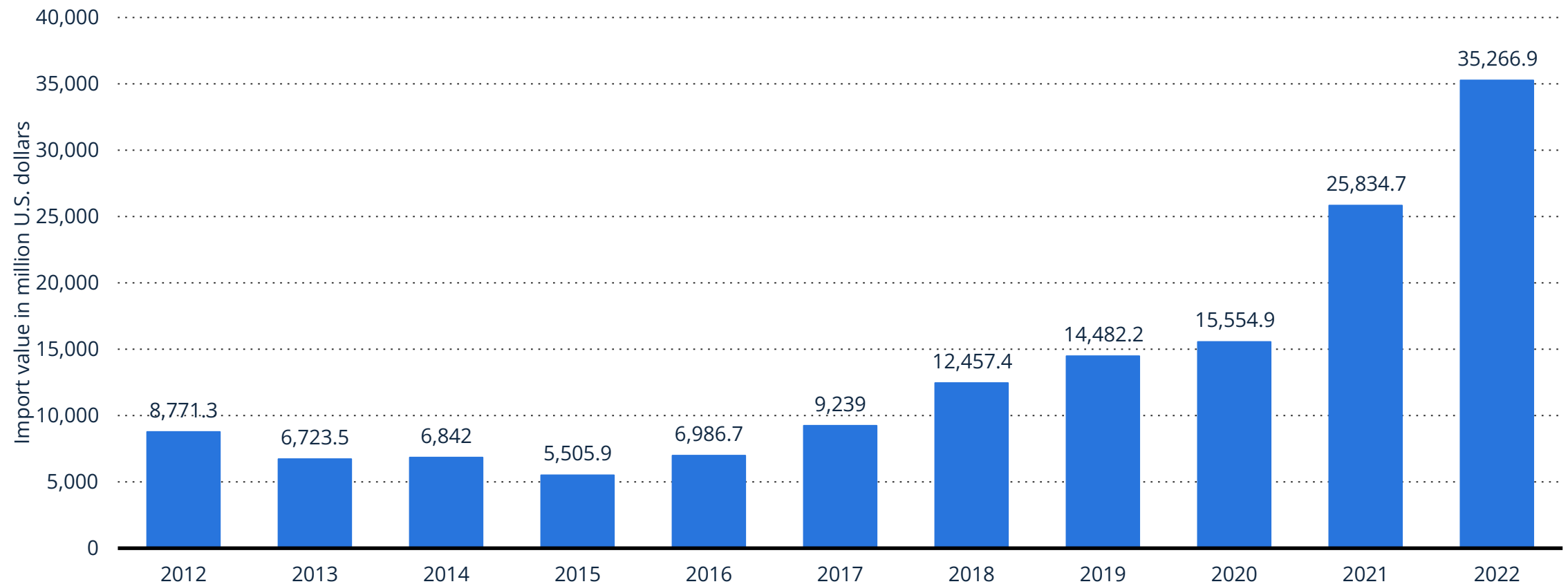


CHAPTER 04

# Trade

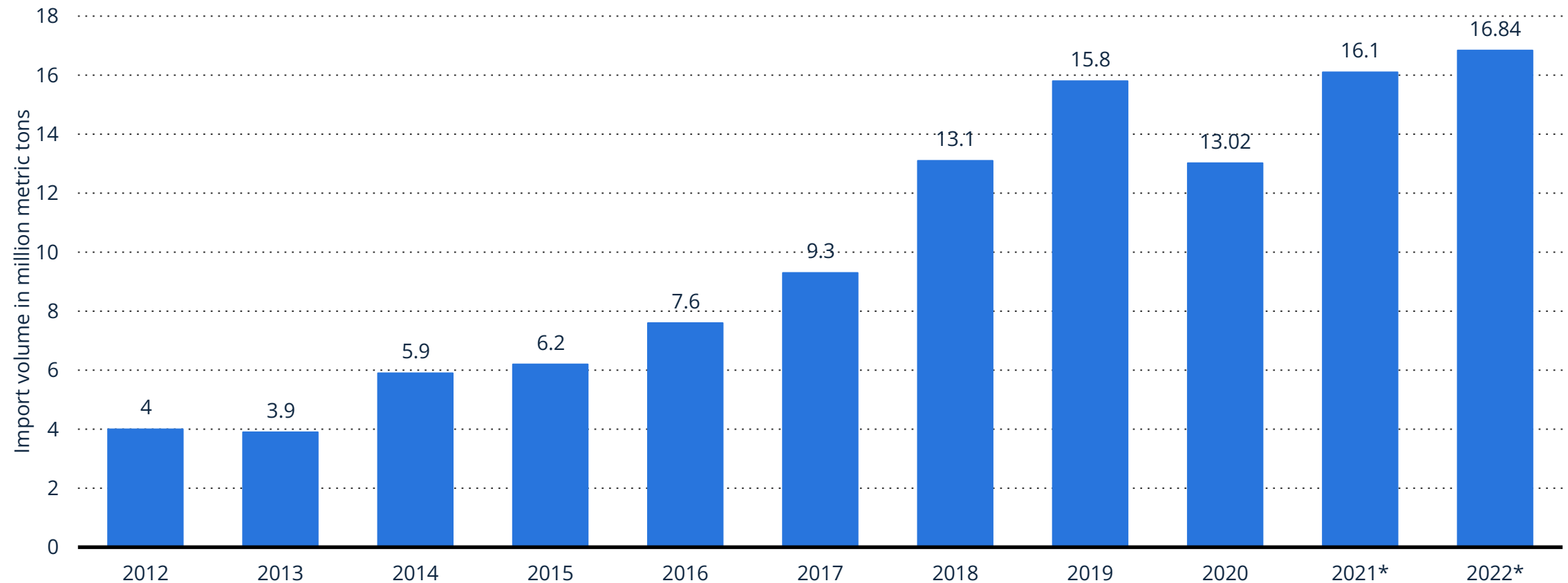
# Value of biodiesel imported in Europe from 2012 to 2022 (in million U.S. dollars)

Biodiesel import value in Europe 2012-2022



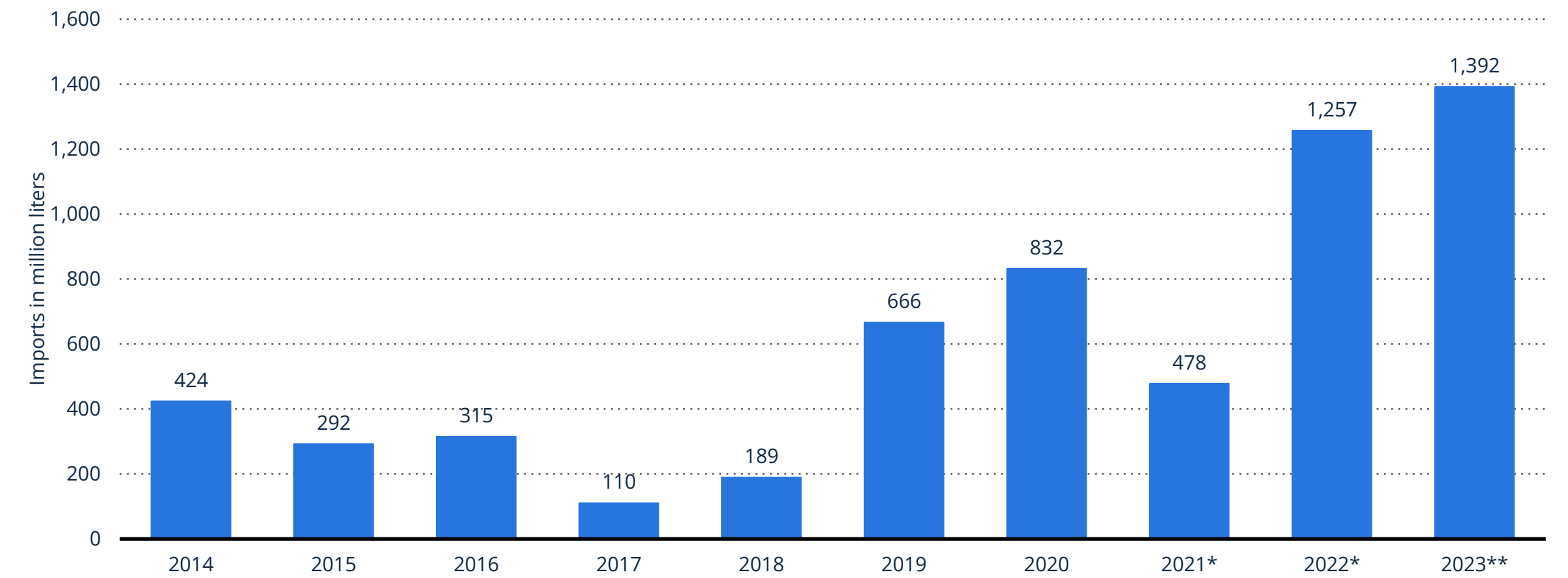
# Volume of biodiesel imported in Europe from 2012 to 2022 (in million metric tons)

Biodiesel import volume in Europe 2012-2022



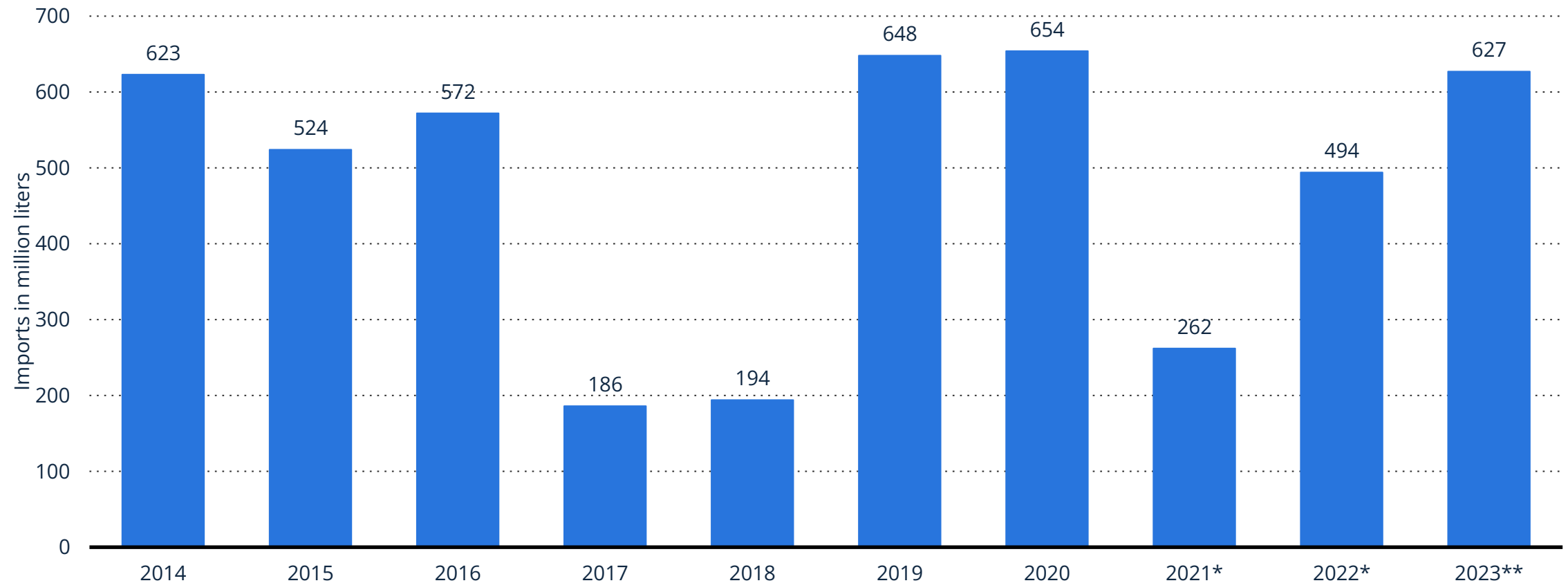
# Import volume of fuel ethanol in the European Union from 2014 to 2022, with a forecast for 2023 (in million liters)

Fuel ethanol import volume in the EU 2014-2023



# Export volume of fuel ethanol in the European Union from 2014 to 2022, with a forecast for 2023 (in million liters)

Fuel ethanol export volume in the EU 2014-2022



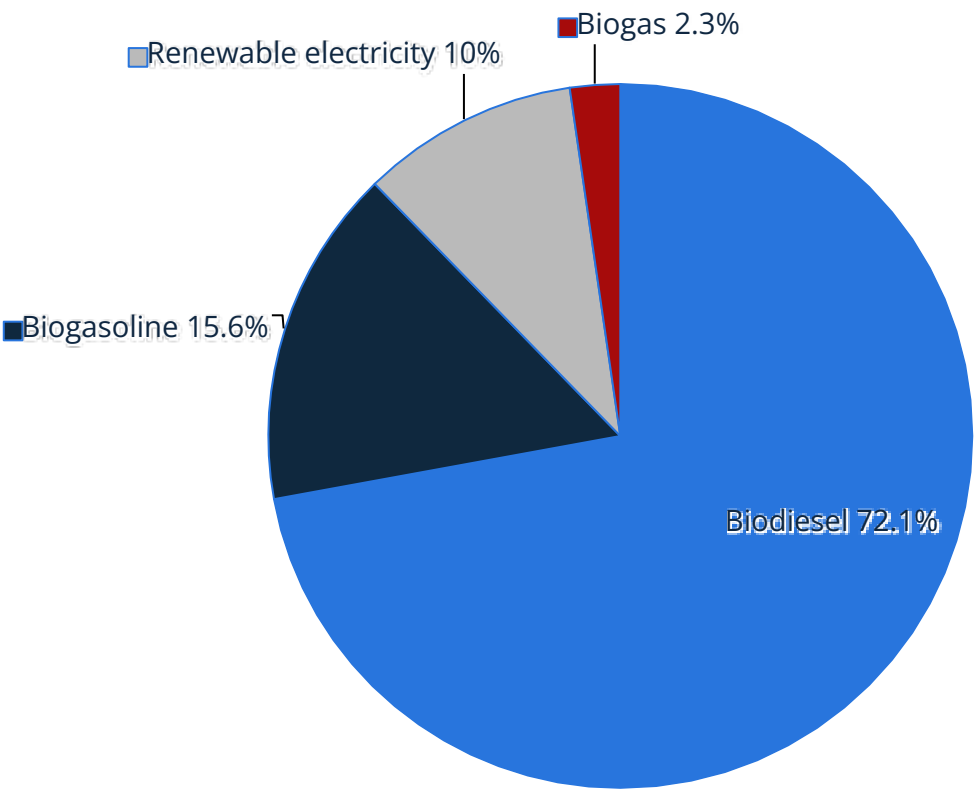
CHAPTER 05

# Consumption



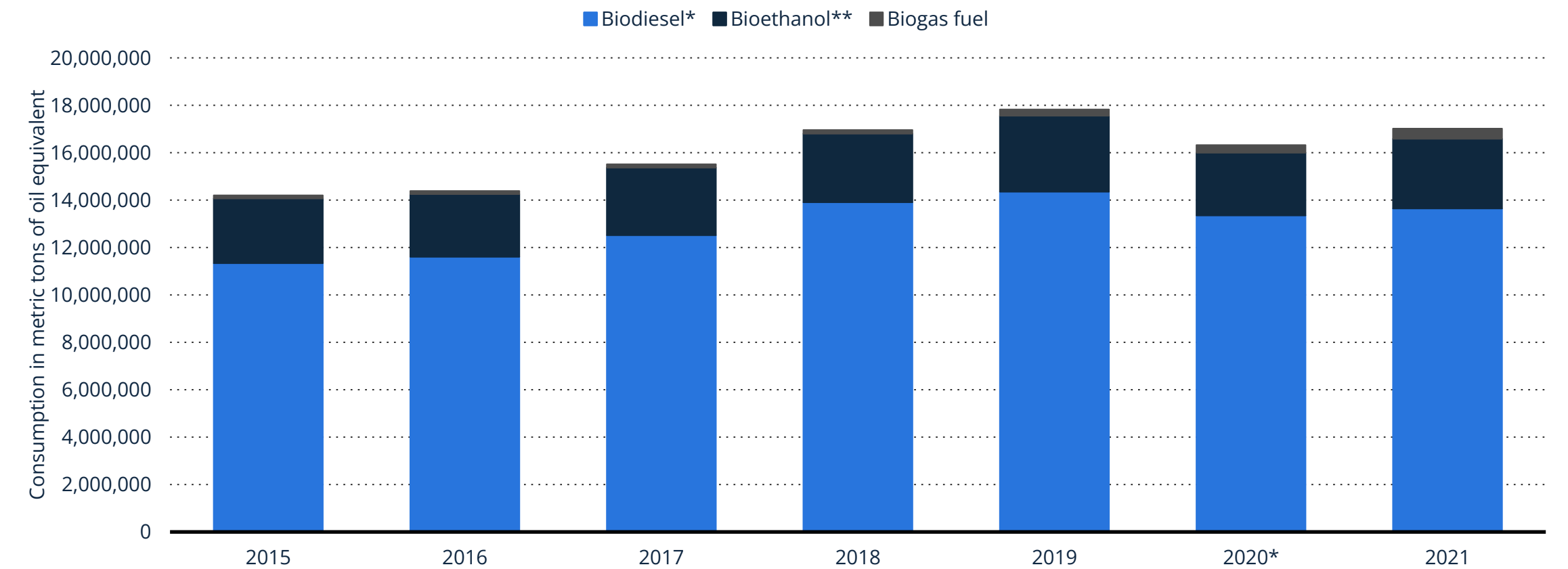
# Distribution of renewable energy used for transportation in the European Union (EU-27) in 2021, by fuel type

Share of biofuel consumption in the EU-27 for transportation 2021, by fuel type



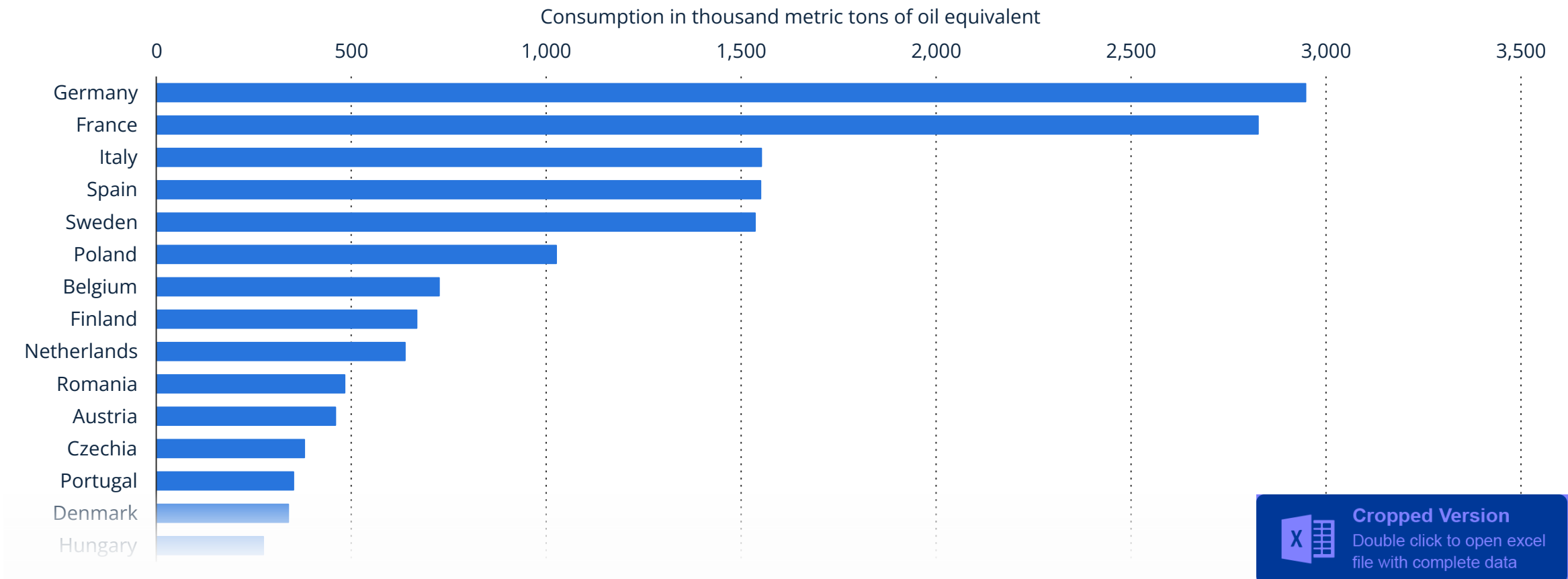
# Consumption of biofuels for transportation in the European Union from 2015 to 2021, by fuel type (in metric tons of oil equivalent)

Biofuels consumption for transportation in the European Union 2015-2021



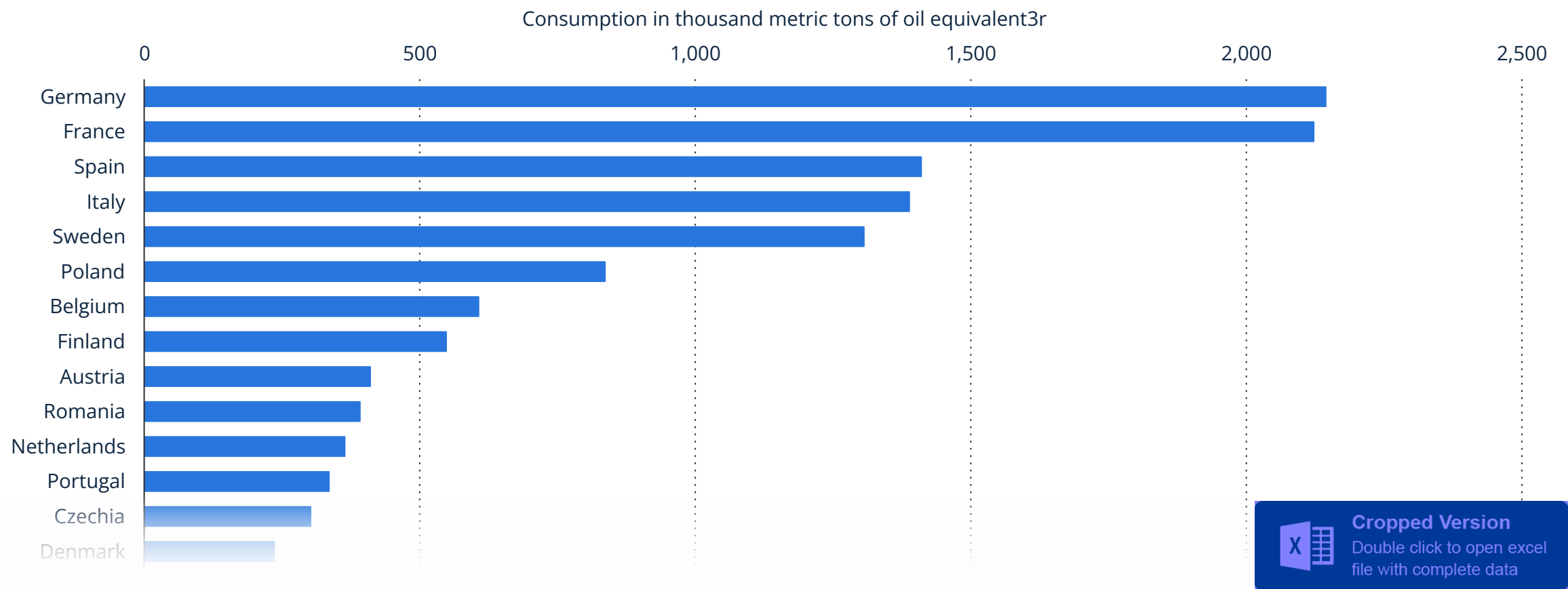
# Total consumption volume of biofuels for transportation in the European Union in 2021, by country (in 1,000 tons of oil equivalent)

Total volume of biofuels consumed for transportation in EU 2021, by country



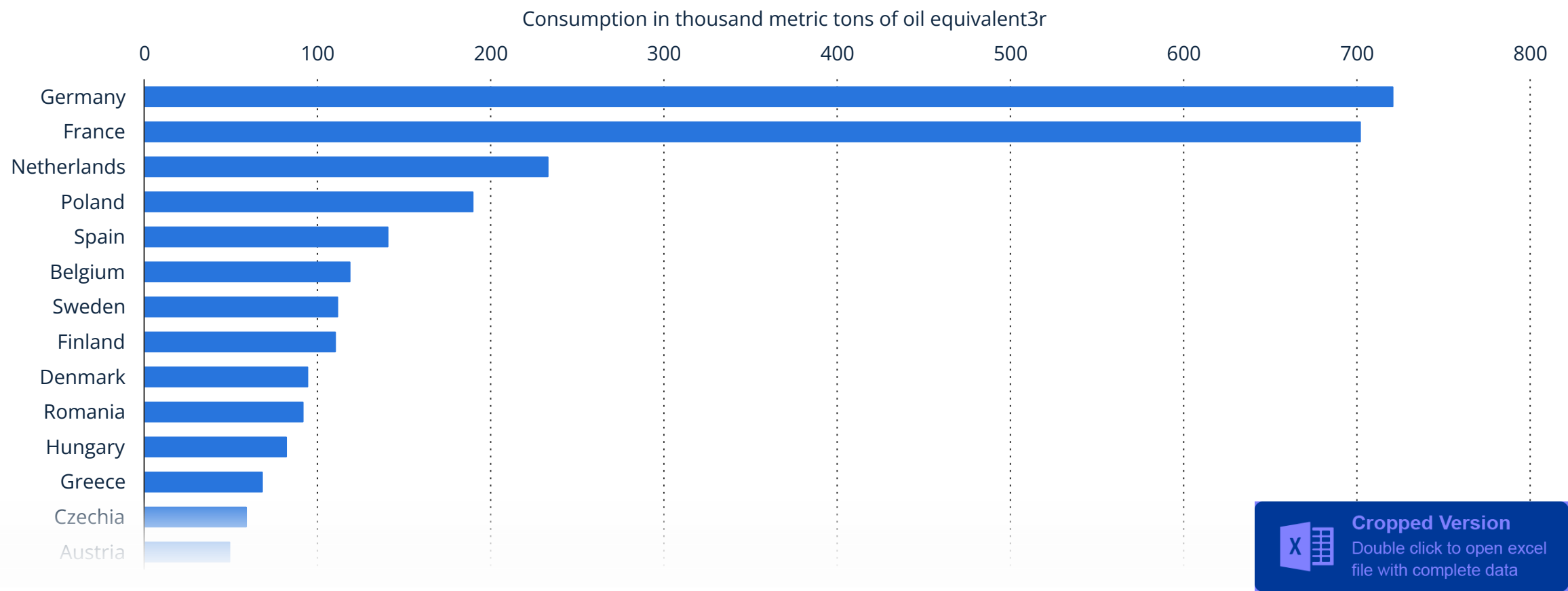
# Consumption volume of biodiesel for transportation in the European Union in 2021, by country (in 1,000 tons of oil equivalent)

Biodiesel consumption volume for transportation in the EU 2021, by country



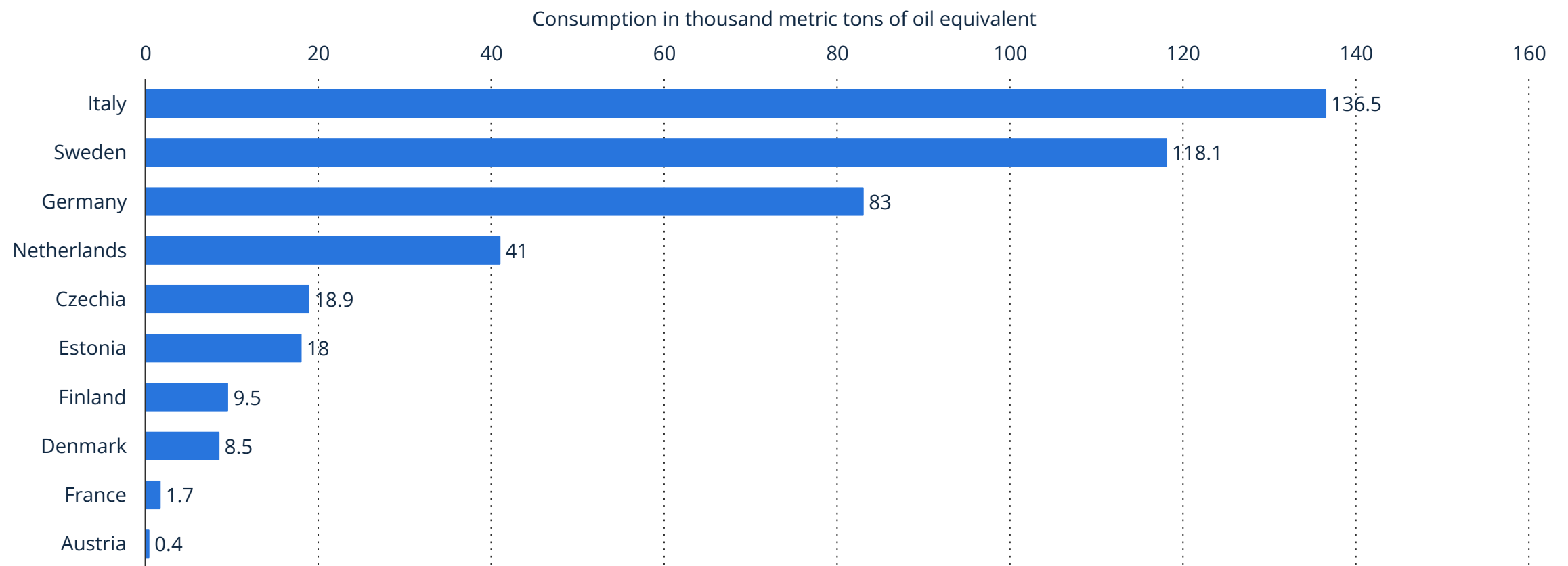
# Consumption volume of biogasoline for transportation in the European Union in 2021, by country (in 1,000 tons of oil equivalent)

Biogasoline consumed in the EU-27 for the transportation industry 2021, by country



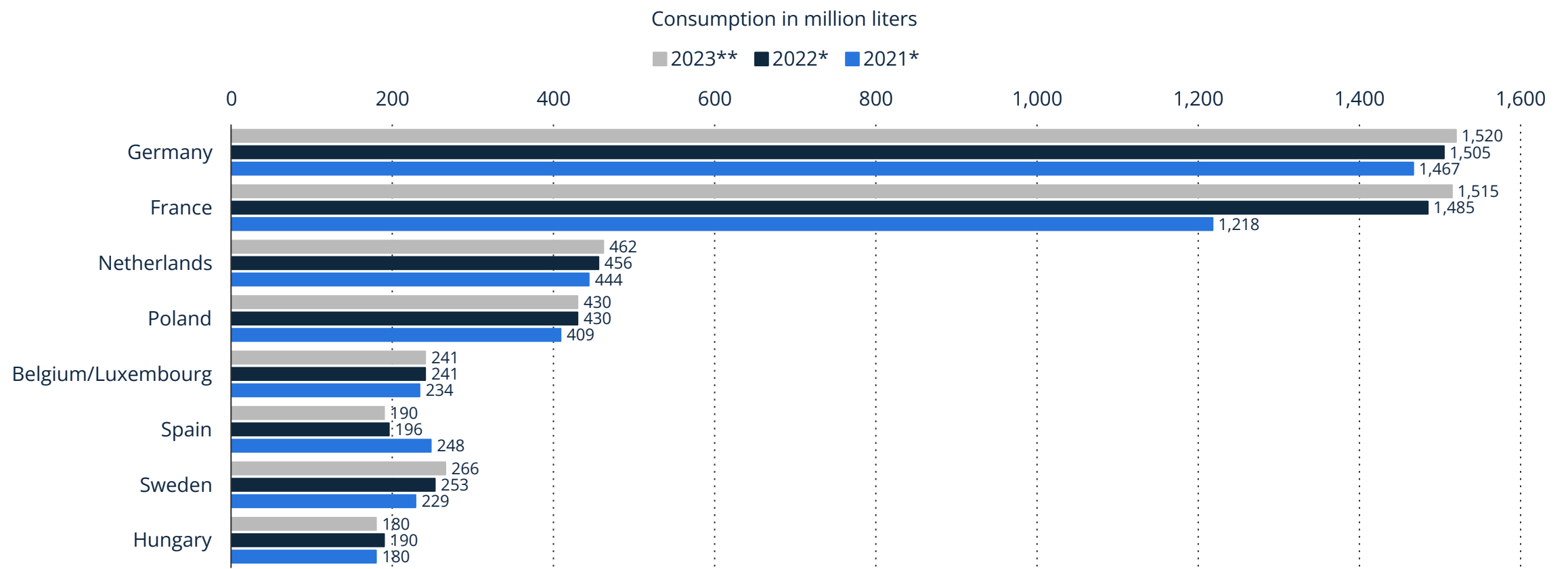
# Consumption volume of biogas for transportation in the European Union in 2021, by country (in 1,000 metric tons of oil equivalent)

Biogas consumption volume of the EU transportation industry 2021, by country



# Fuel ethanol consumption in the European Union from 2021 to 2022, with a forecast for 2023, by key country (in million liters)

Leading consumers of fuel ethanol in the EU 2021-2023



# Sources

Energy Institute  
EurObserv'ER  
Eurostat  
International Trade Centre  
Kearney  
KPMG  
Oils and Fats International  
Precedence Research  
Trade Map  
Transport & Environment  
UN Comtrade  
US Department of Agriculture  
USDA Foreign Agricultural Service  
Various sources (Industry sources)