

DIGITAL & TRENDS

Recycling in the U.S.

Table of Contents

01 Overview

Global municipal waste recycling rate 2021, by select country	
Market value of waste recycling services worldwide 2020-2030	
Municipal solid waste generation in the U.S. 1960-2018	
U.S. municipal waste stream: materials generation 1960-2018	
U.S. households with access to curbside recycling services 2019, by type	

02 Generation

Recycling of municipal solid waste in the U.S. 1960-2018	
U.S. composting of municipal solid waste generated 1990-2018	
U.S. municipal solid waste recycling per person 1960-2018	
Recycled municipal solid waste in the U.S. 1960-2018, by material	
Breakdown of curbside recyclable trash generation per U.S. household 2019, by type	

03 Segments

Breakdown of MSW recycled in the U.S. 2018, by material	
Recycling of paper and paperboard from U.S. municipal solid waste 2018, by type	
Volume of plastic MSW recycled in the U.S. 2018, by type	
U.S. sourced post-consumer plastic recovered for recycling 2019-2020, by category	
Share of recycled-non bottle rigid plastic in the U.S. 2020, by source	
Plastic containers and packaging MSW recycled in the U.S. 1980-2018	

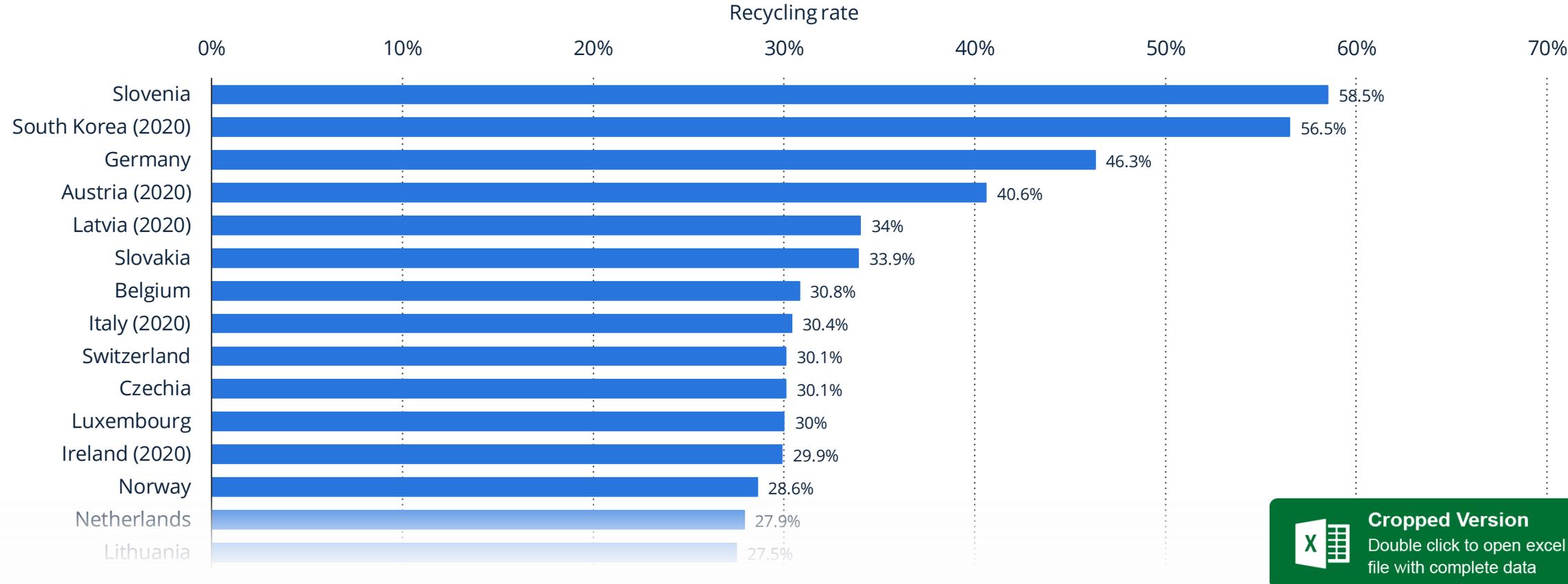
	Plastic packaging MSW recycled in the U.S. 1980-2018, by product	21
<u>03</u>		
<u>04</u>	04 Recycling rates	
<u>05</u>	Recycling rate of municipal solid waste in the United States 1960-2018	23
<u>06</u>	Recycling rates in the U.S. by select product 2018	24
<u>07</u>	Recycling rate of paper in the United States 1990-2021	25
	Share of containers and packaging MSW recycled in U.S. 1960-2018	26
	Recycled rate of metals in the U.S. 2019, by type	27
<u>09</u>	Recycling rate of plastic municipal solid waste in the U.S. 1960-2018	28
<u>10</u>	Plastic packaging MSW recycling rates in the U.S. 1980-2018, by product	29
<u>11</u>		
<u>12</u>	05 Companies	
<u>13</u>	Leading waste management companies in the United States 2022, by revenue	31
	Waste Management Inc's recycling revenue 2015-2022	32
	Waste Management Inc.'s recycled materials 2021, by type	33
<u>15</u>	Recycling revenue of Waste Connections, Inc. 2015-2021	34
<u>16</u>	Revenue of Republic Services' recycling processing and commodity sales 2016-2021	35
<u>17</u>	U.S. sourced post-consumer plastic purchased by U.S. and Canada 2019, by category	36
<u>18</u>		
<u>19</u>		
<u>20</u>		

CHAPTER 01

Overview

Municipal solid waste recycling rates in selected countries worldwide in 2021

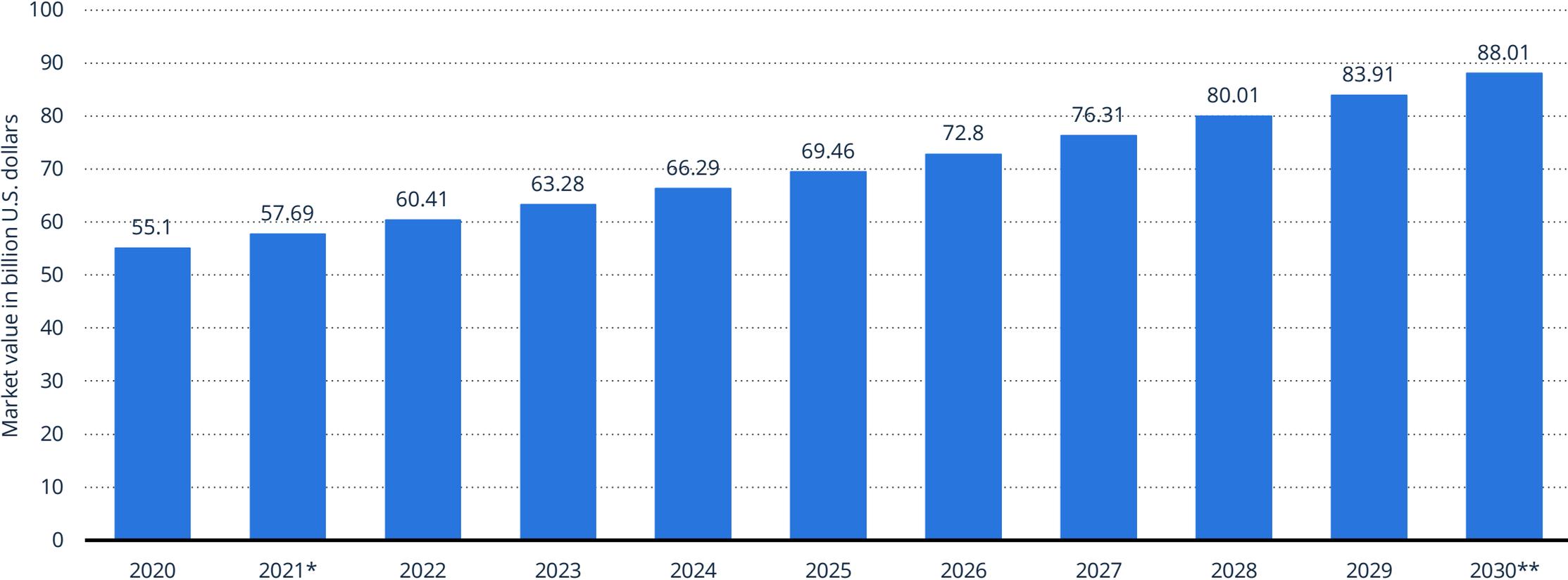
Global municipal waste recycling rate 2021, by select country



 **Cropped Version**
Double click to open excel file with complete data

Global waste recycling services market size in 2020 and a forecast to 2030 (in billion U.S. dollars)

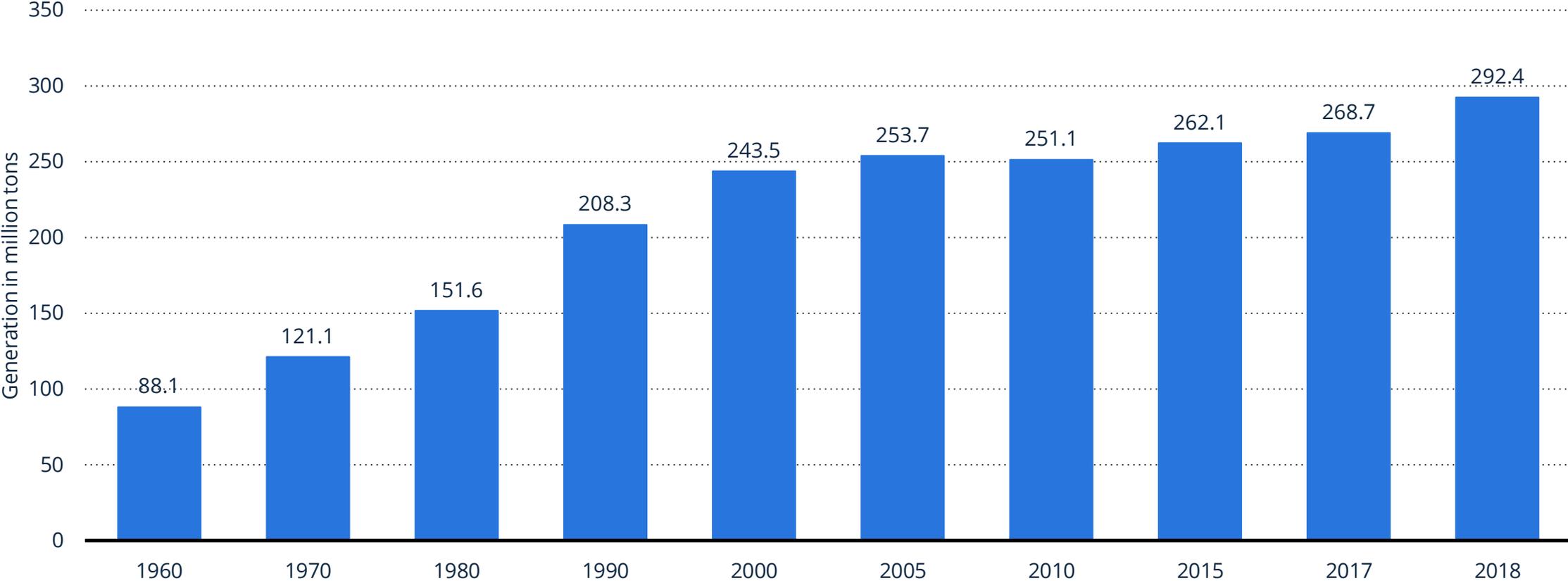
Market value of waste recycling services worldwide 2020-2030



Description: The global waste recycling services market was valued at 55.1 billion U.S. dollars in 2020, and was estimated at 57.69 billion U.S. dollars in 2021. The market is expected to grow considerably in the coming years as consumer awareness about the environmental impacts of waste increases. By 2028, it is forecast that the global waste recycling services market will have reached a value of almost 90 billion U.S. dollars, registering a CAGR of 4.8 percent during the forecast period 2021 to 2030. [Read more](#)
Note(s): Worldwide; 2020; *Estimate **Figure was projected based on a CAGR of about 4.80 percent for the forecast period 2021 to 2030. [Read more](#)
Source(s): Precedence Research

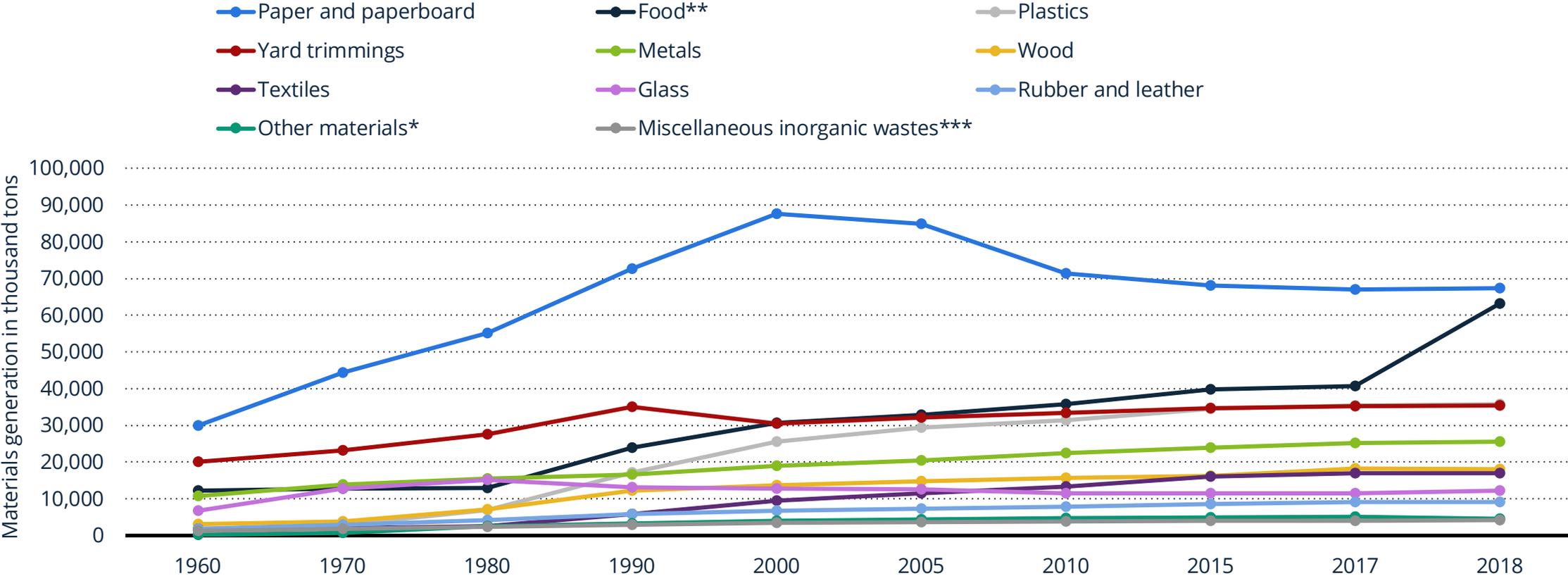
Municipal solid waste generation in the United States from 1960 to 2018 (in million tons)

Municipal solid waste generation in the U.S. 1960-2018



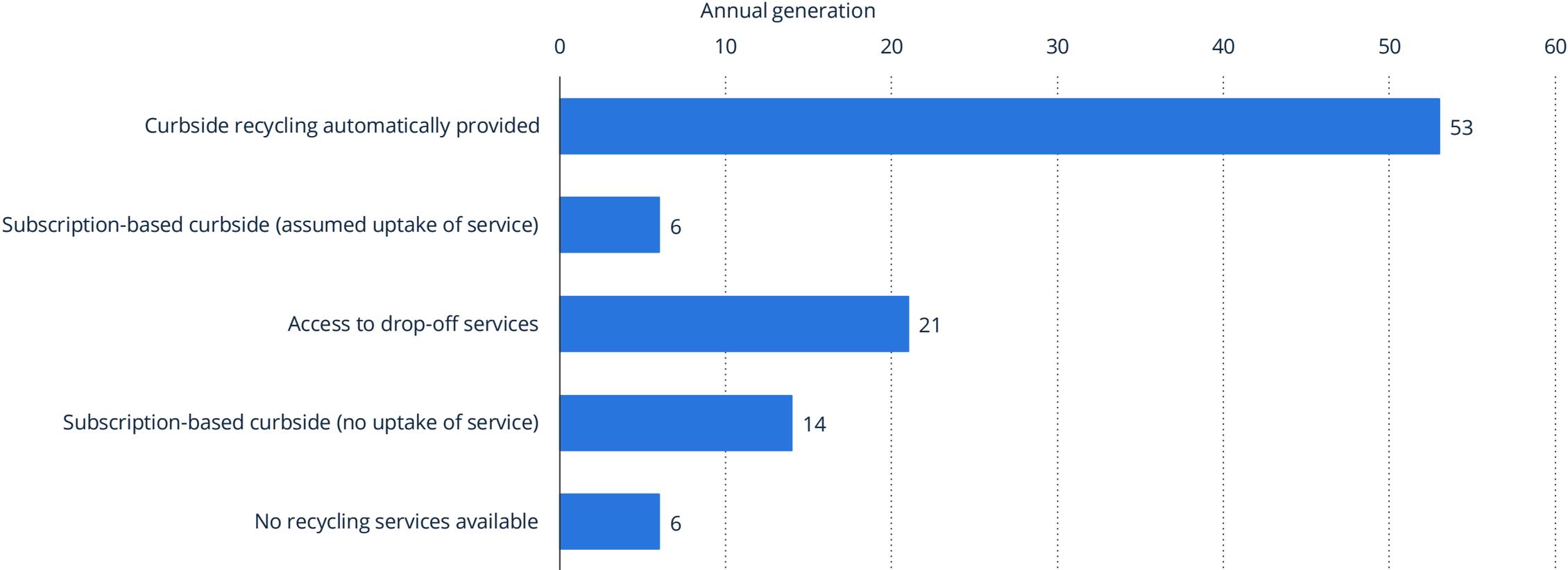
Generation of selected materials in the U.S. municipal waste stream between 1960 and 2018 (in 1,000 tons)

U.S. municipal waste stream: materials generation 1960-2018



Estimated breakdown of U.S. households with access to curbside recycling services as of 2019, by type*

U.S. households with access to curbside recycling services 2019, by type

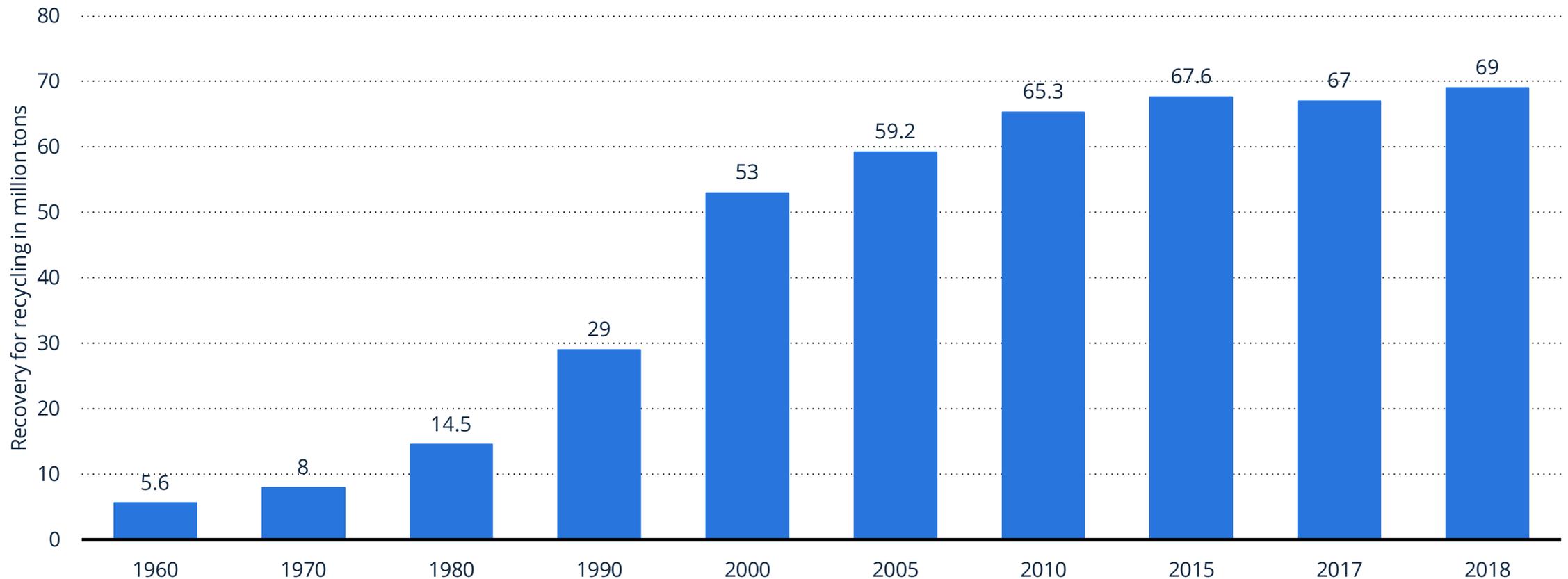


CHAPTER 02

Generation

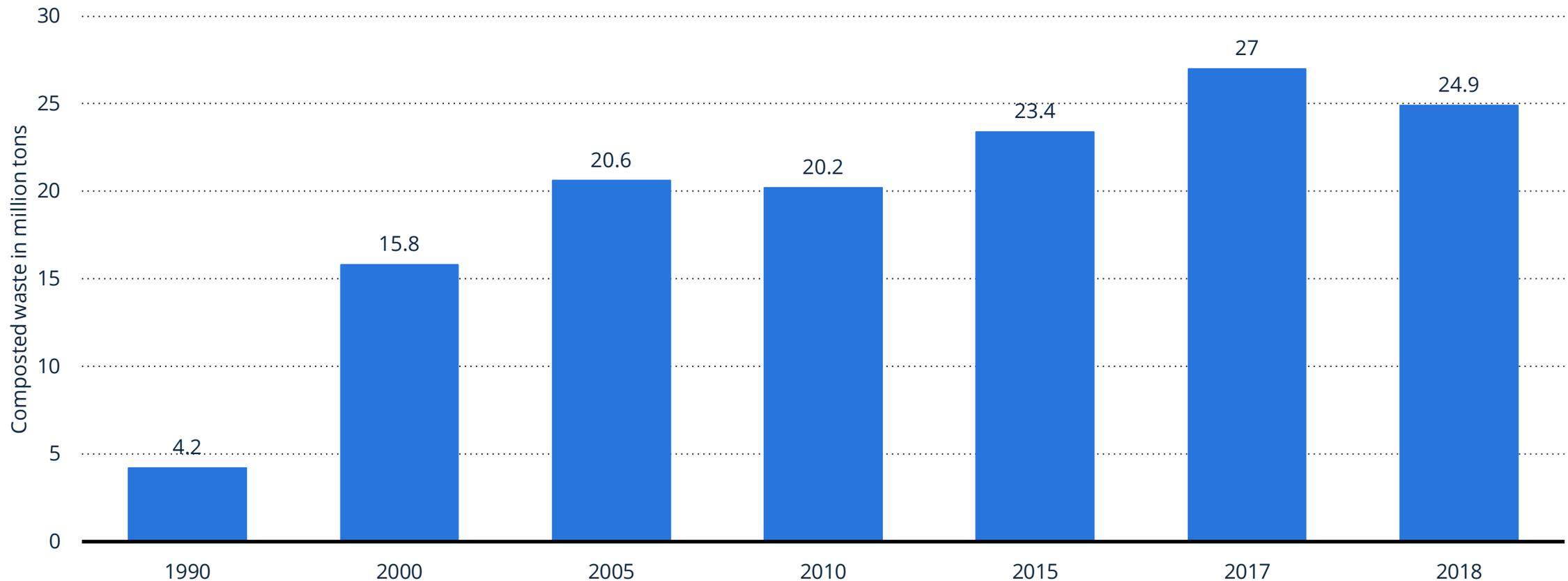
Volume of materials recycled in municipal solid waste in the United States from 1960 to 2018* (in million tons)

Recycling of municipal solid waste in the U.S. 1960-2018



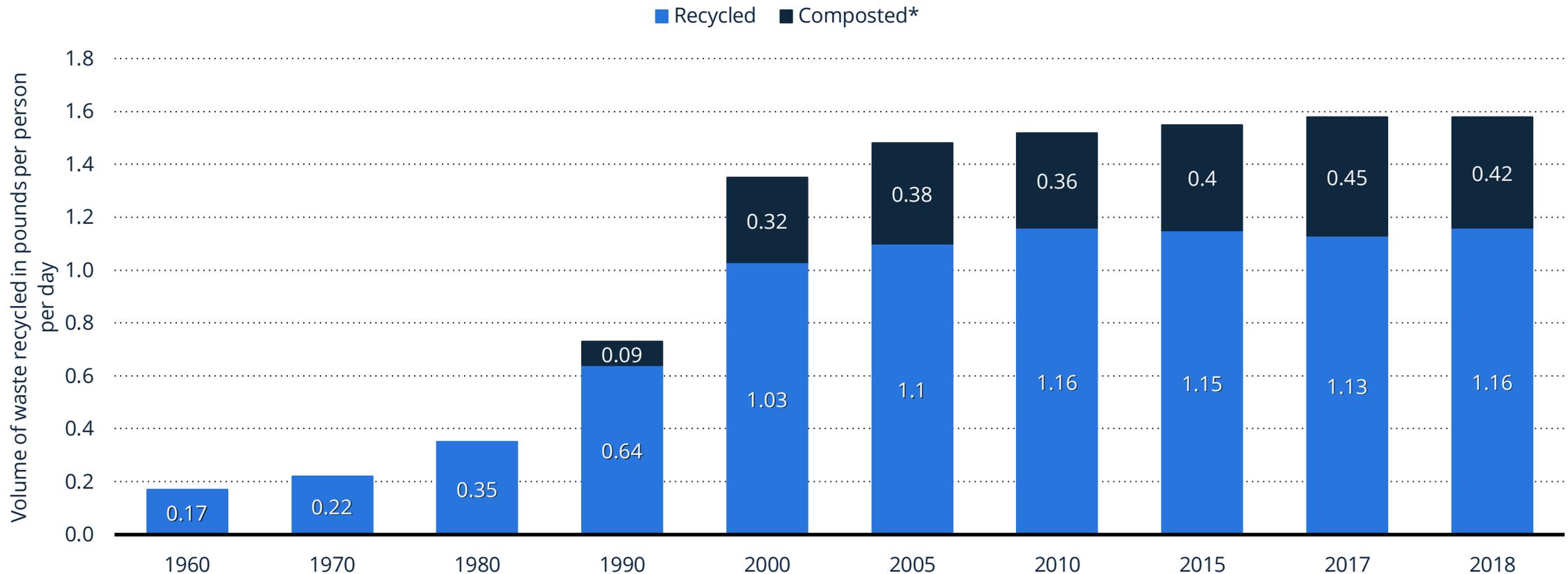
Volume of municipal solid waste (MSW) composted in the United States from 1990 to 2018 (in million tons)

U.S. composting of municipal solid waste generated 1990-2018



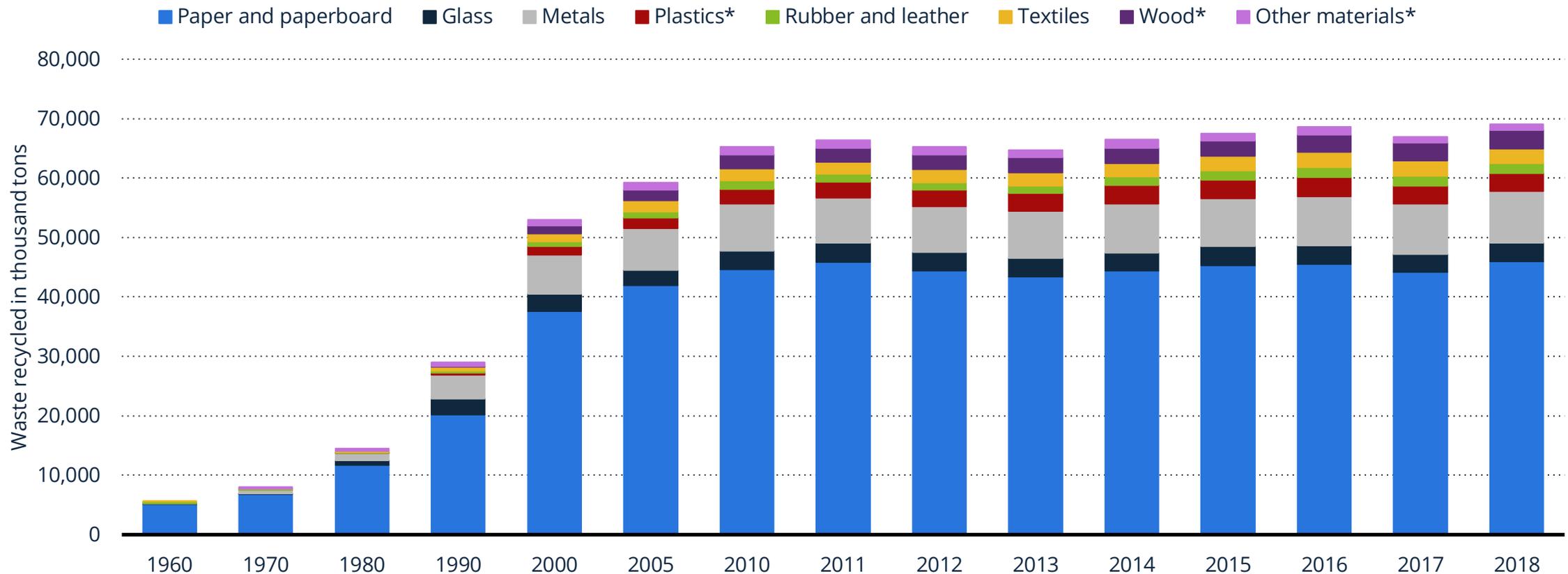
Volume of municipal solid waste recycled per capita in the United States from 1960 to 2018 (in pounds per person per day)

U.S. municipal solid waste recycling per person 1960-2018



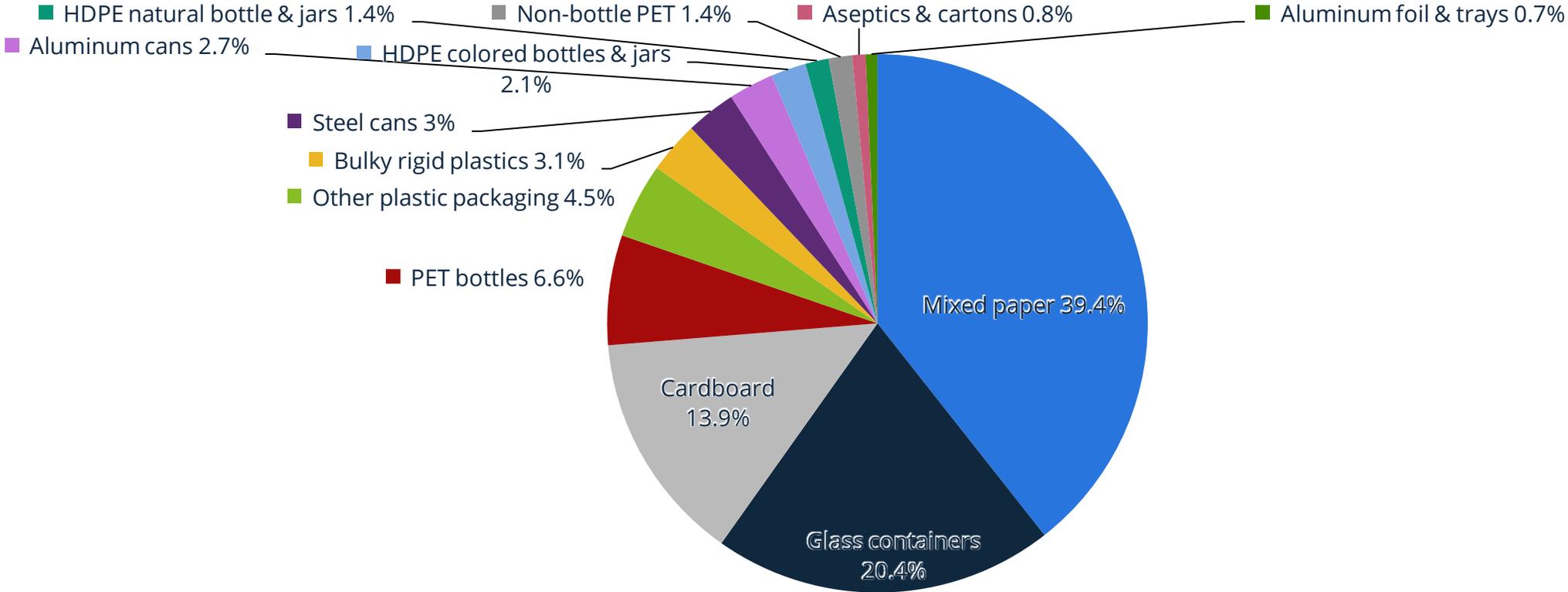
Volume of recycled municipal solid waste in the U.S. from 1960 and 2018, by material (in 1,000 tons)

Recycled municipal solid waste in the U.S. 1960-2018, by material



Distribution of annual curbside recyclable material generation per single family household* in the United States as of 2019, by type

Breakdown of curbside recyclable trash generation per U.S. household 2019, by type

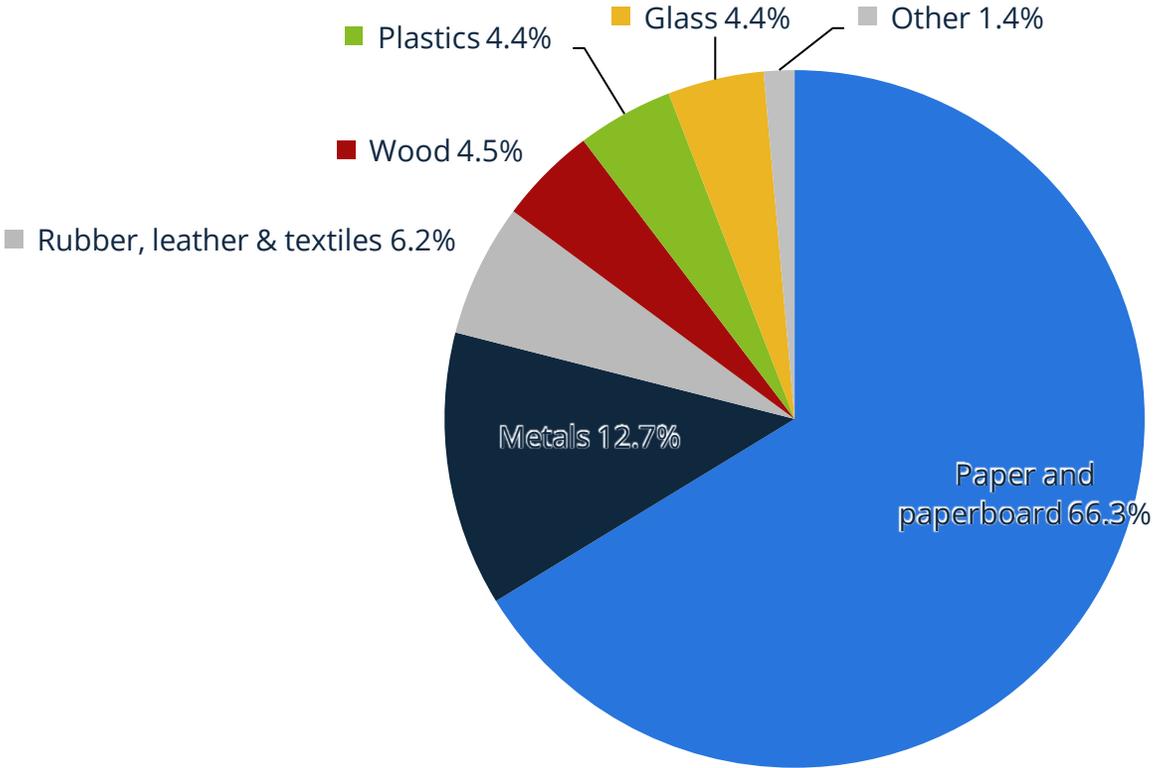


CHAPTER 03

Segments

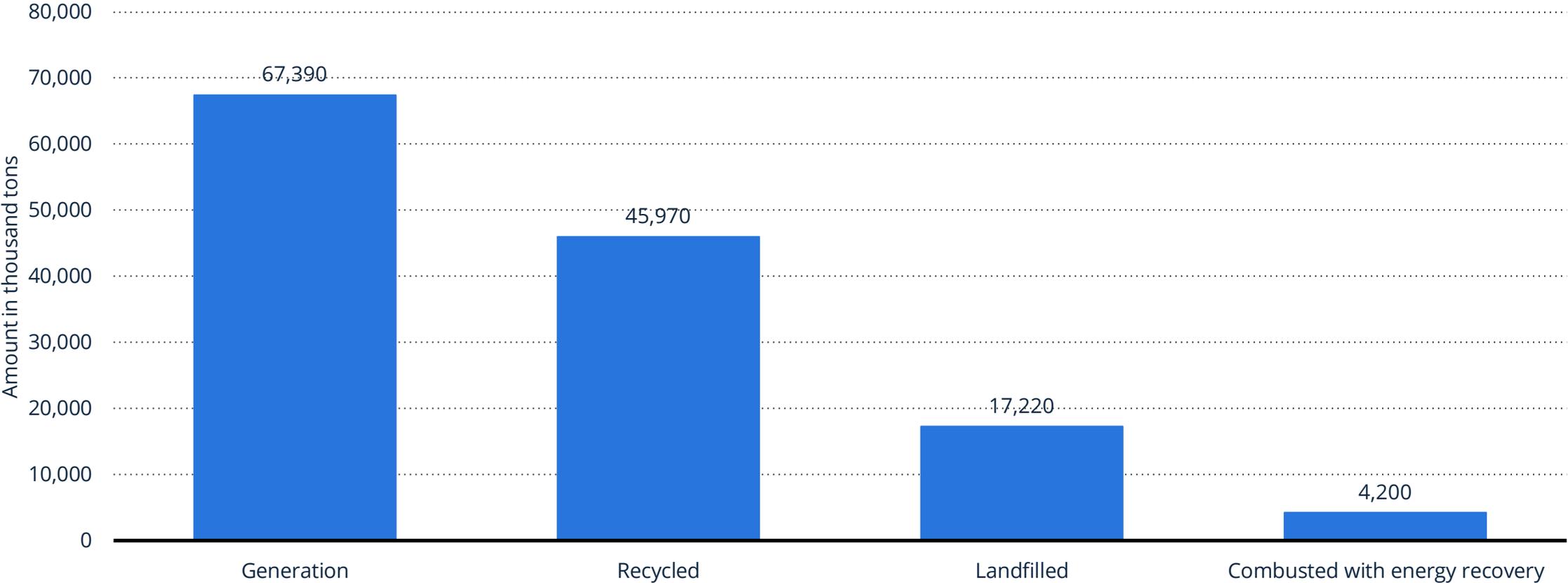
Distribution of municipal solid waste recycled in the U.S. in 2018, by material

Breakdown of MSW recycled in the U.S. 2018, by material



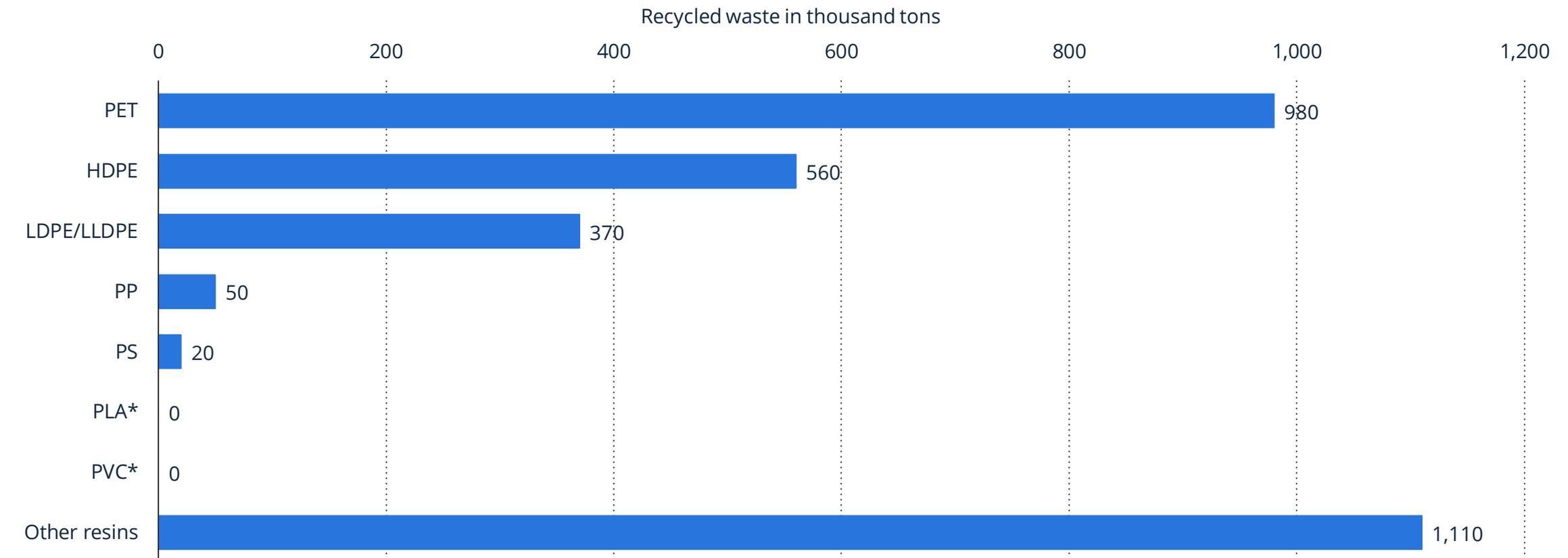
Recycling of paper and paperboard from U.S. municipal solid waste in 2018, by type (in 1,000 tons)

Recycling of paper and paperboard from U.S. municipal solid waste 2018, by type



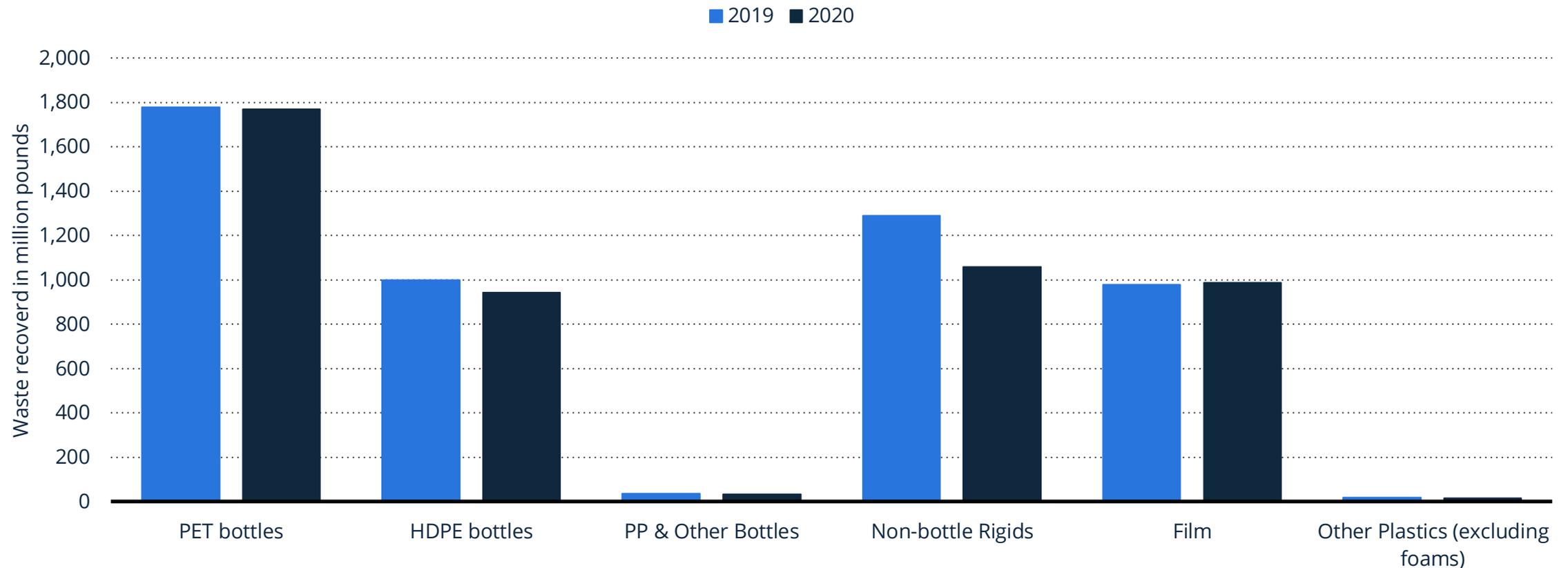
Total plastic municipal solid waste recycled in the United States in 2018, by resin (in 1,000 tons)

Volume of plastic MSW recycled in the U.S. 2018, by type



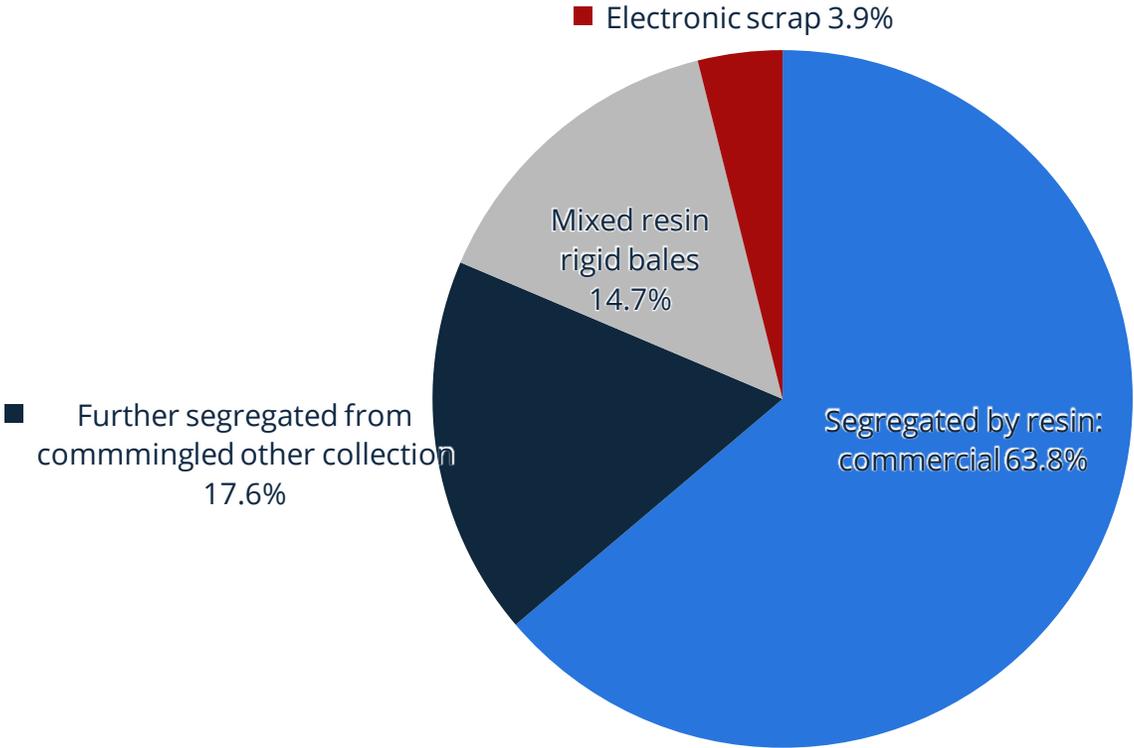
Volume of post-consumer plastic material sourced in the United States recovered for recycling in 2019 and 2020, by category (in million pounds)

U.S. sourced post-consumer plastic recovered for recycling 2019-2020, by category



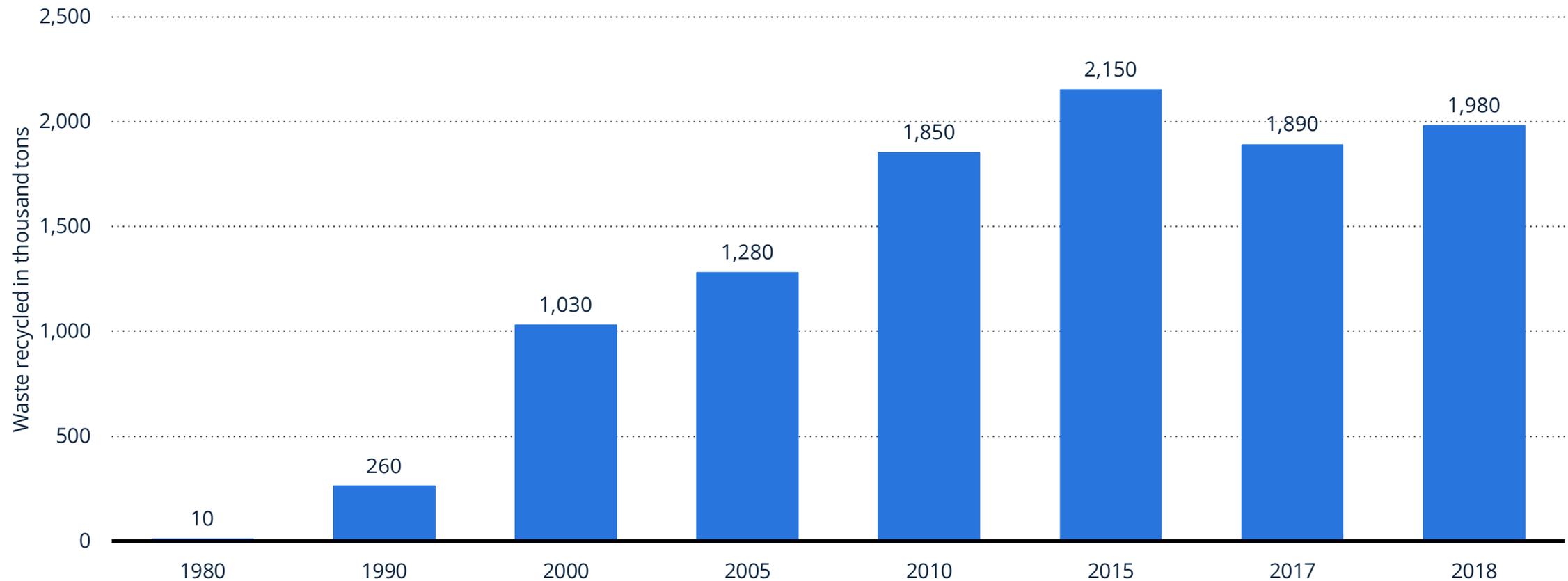
Distribution of post-consumer non-bottle rigid plastic recovered for Recycling sourced in the United States in 2020, by source

Share of recycled-non bottle rigid plastic in the U.S. 2020, by source



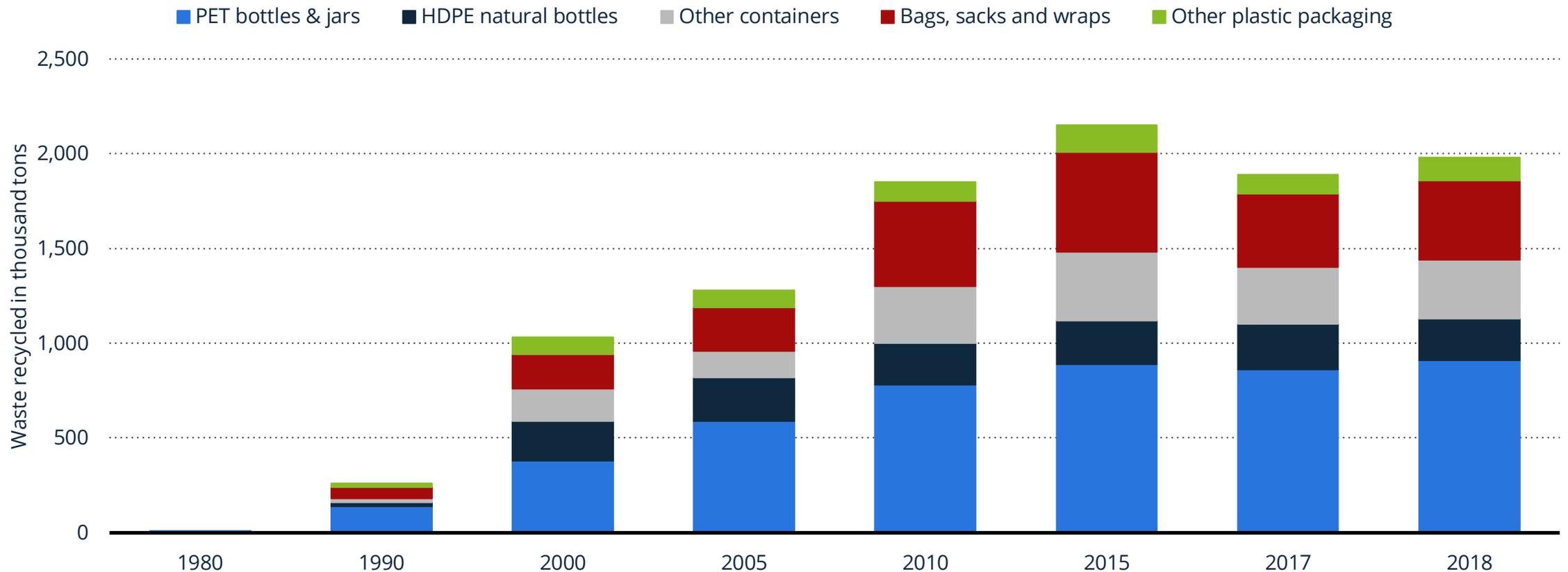
Total volume of plastic containers and packaging municipal solid waste recycled in the United States from 1980 to 2018* (in 1,000 tons)

Plastic containers and packaging MSW recycled in the U.S. 1980-2018



Total volume of plastic containers and packaging MSW recycled in the United States from 1980 to 2018, by product (in 1,000 tons)

Plastic packaging MSW recycled in the U.S. 1980-2018, by product

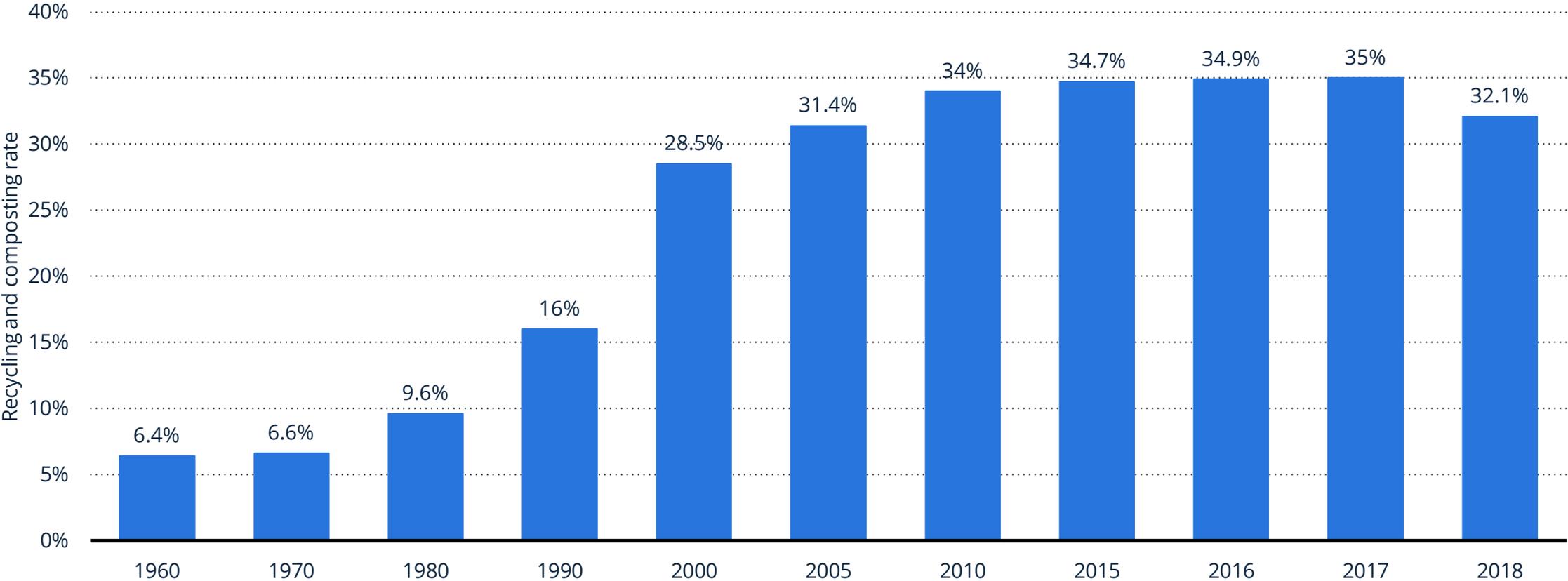


CHAPTER 04

Recycling rates

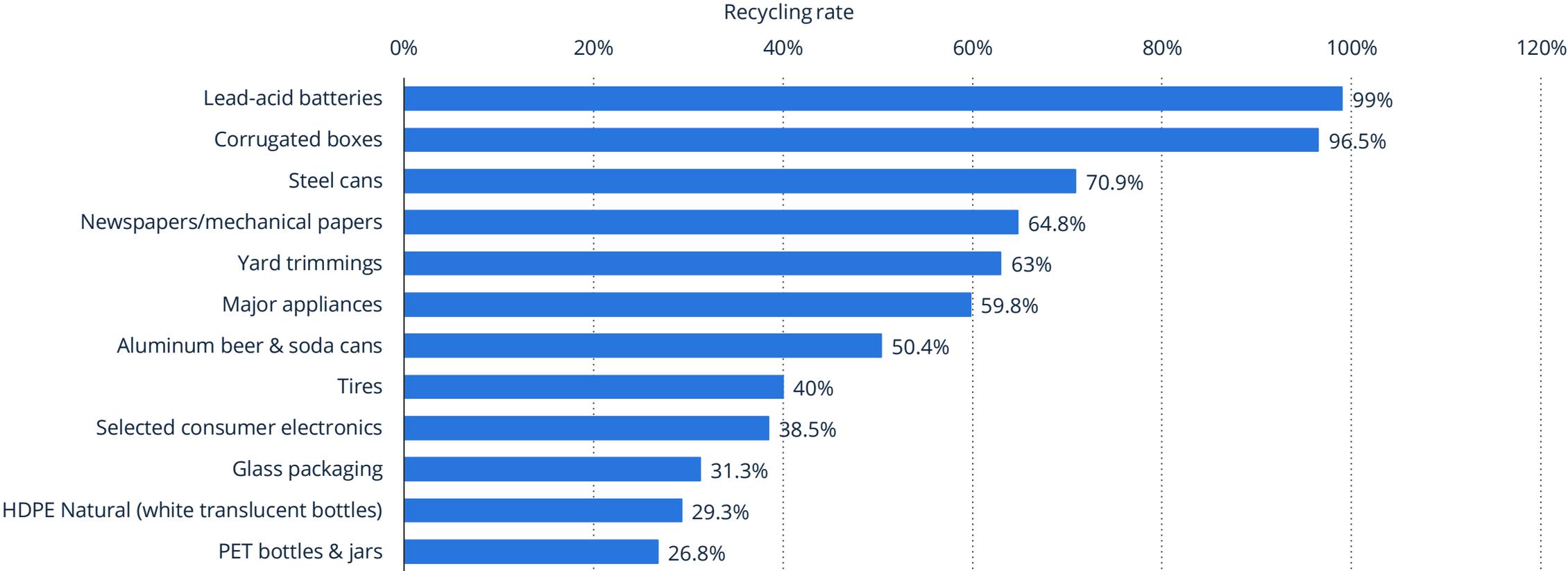
Municipal solid waste recycling rate in the United States from 1960 to 2018*

Recycling rate of municipal solid waste in the United States 1960-2018



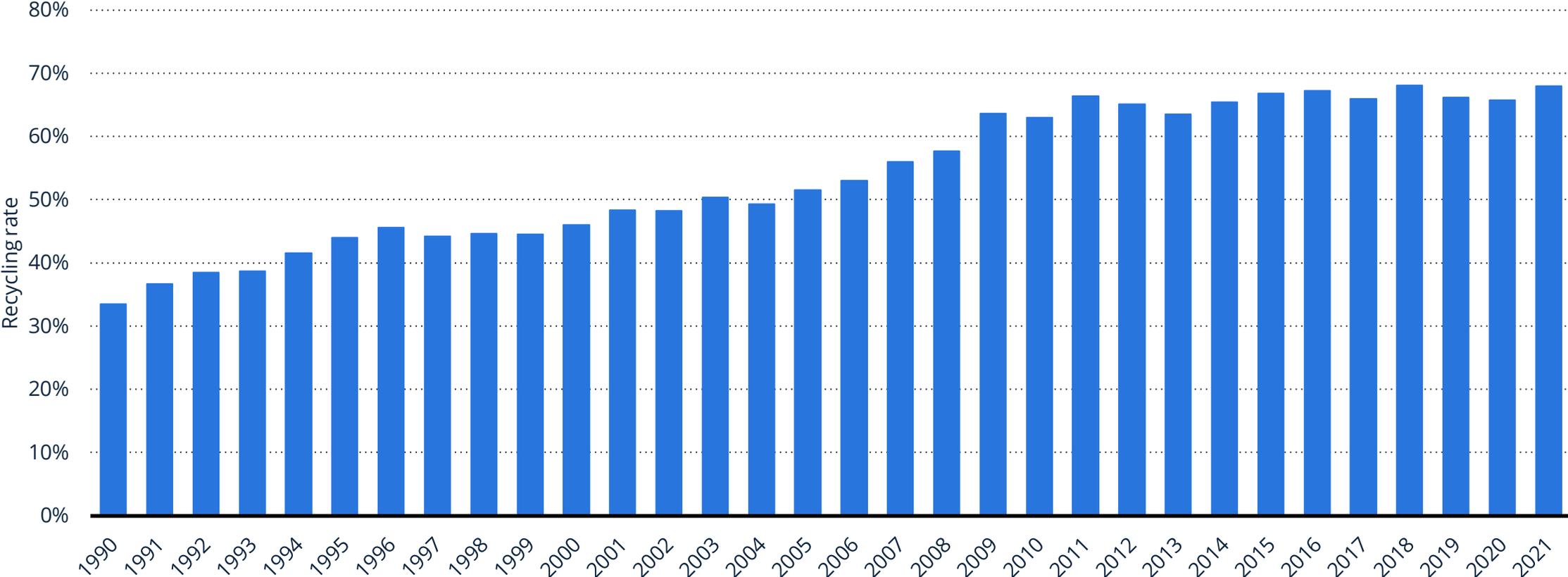
Recycling and composting rate as a percent of generation of selected products in the United States in 2018

Recycling rates in the U.S. by select product 2018



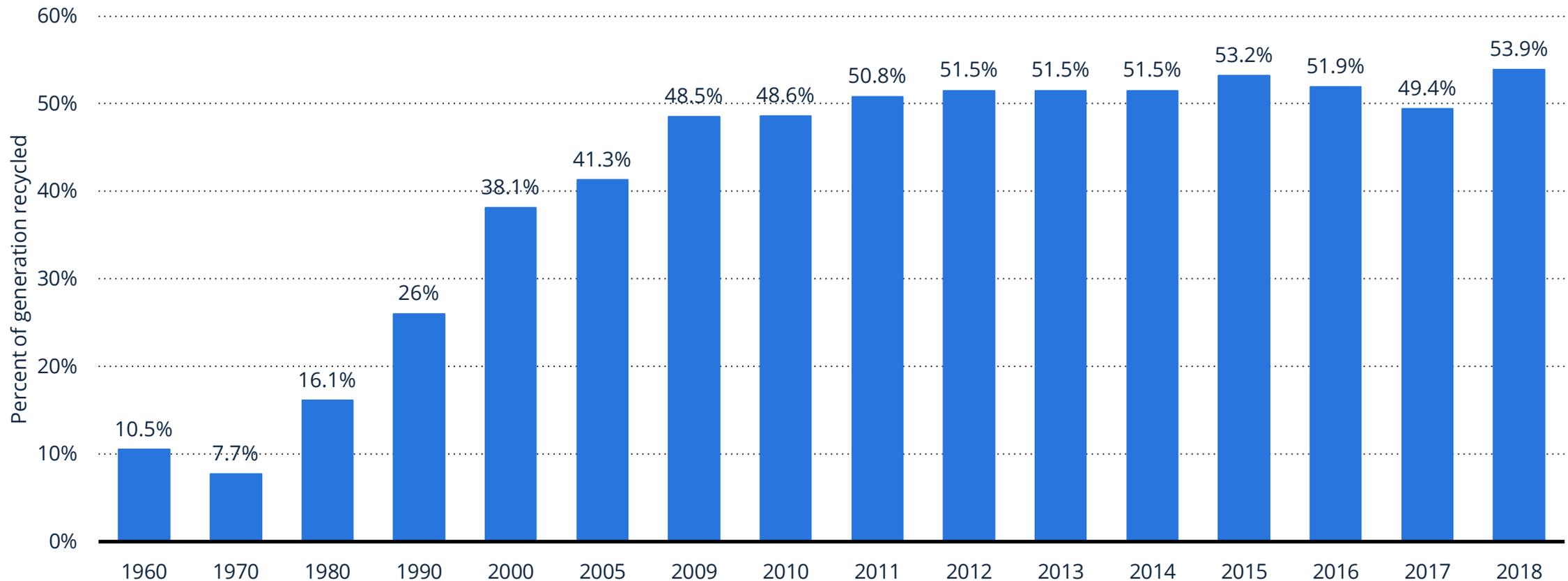
Paper recycling rate in the United States from 1990 to 2021*

Recycling rate of paper in the United States 1990-2021



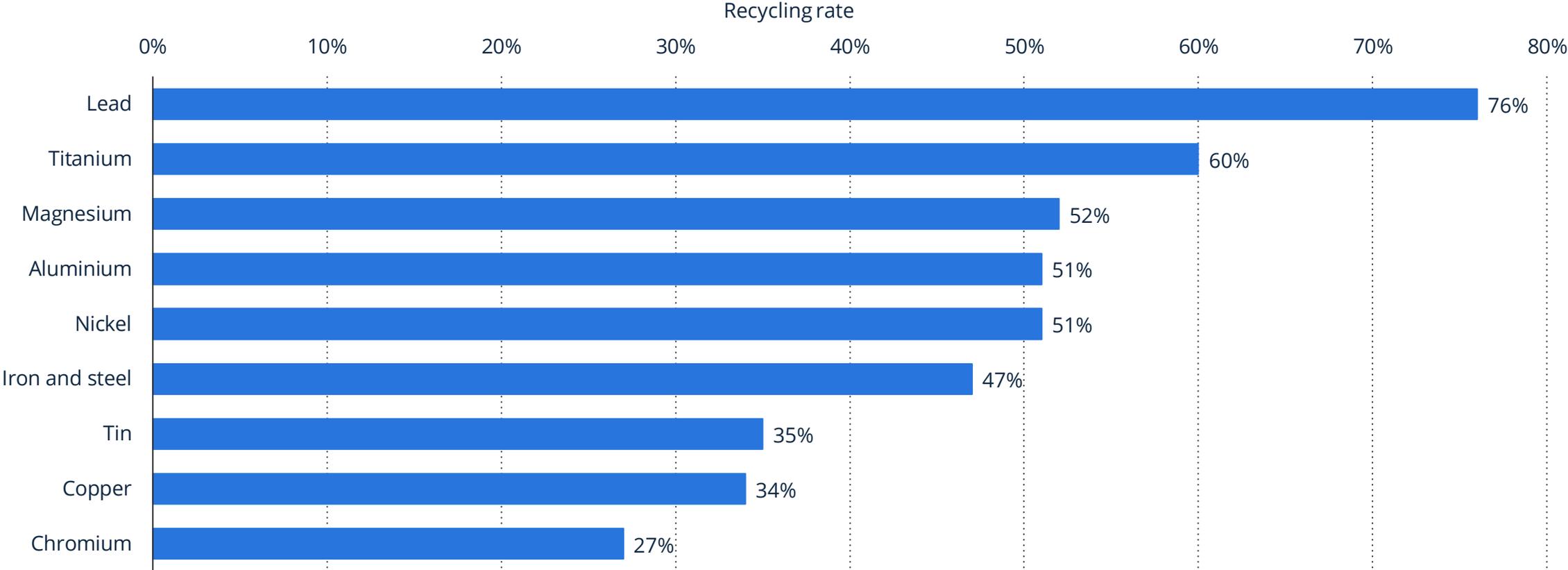
Share of containers and packaging recycled in the U.S. municipal solid waste stream from 1960 to 2018*

Share of containers and packaging MSW recycled in U.S. 1960-2018



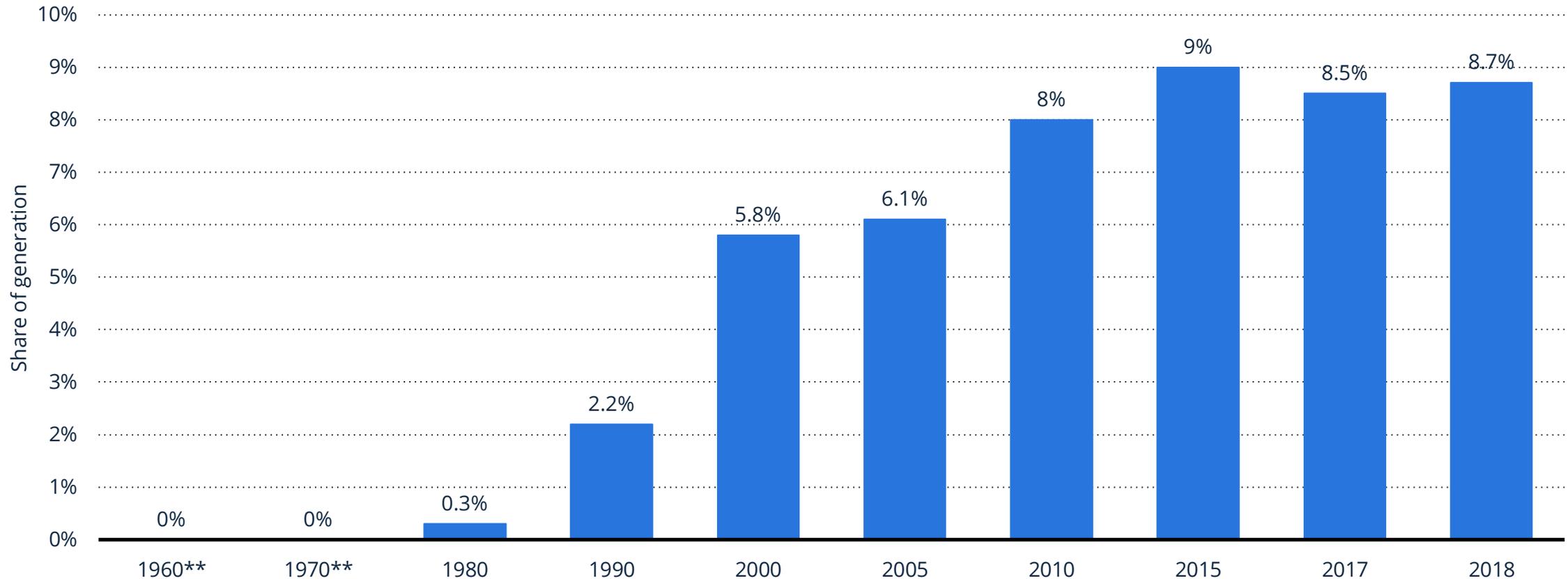
Recycling rates of selected metals in the United States in 2019, by type

Recycled rate of metals in the U.S. 2019, by type



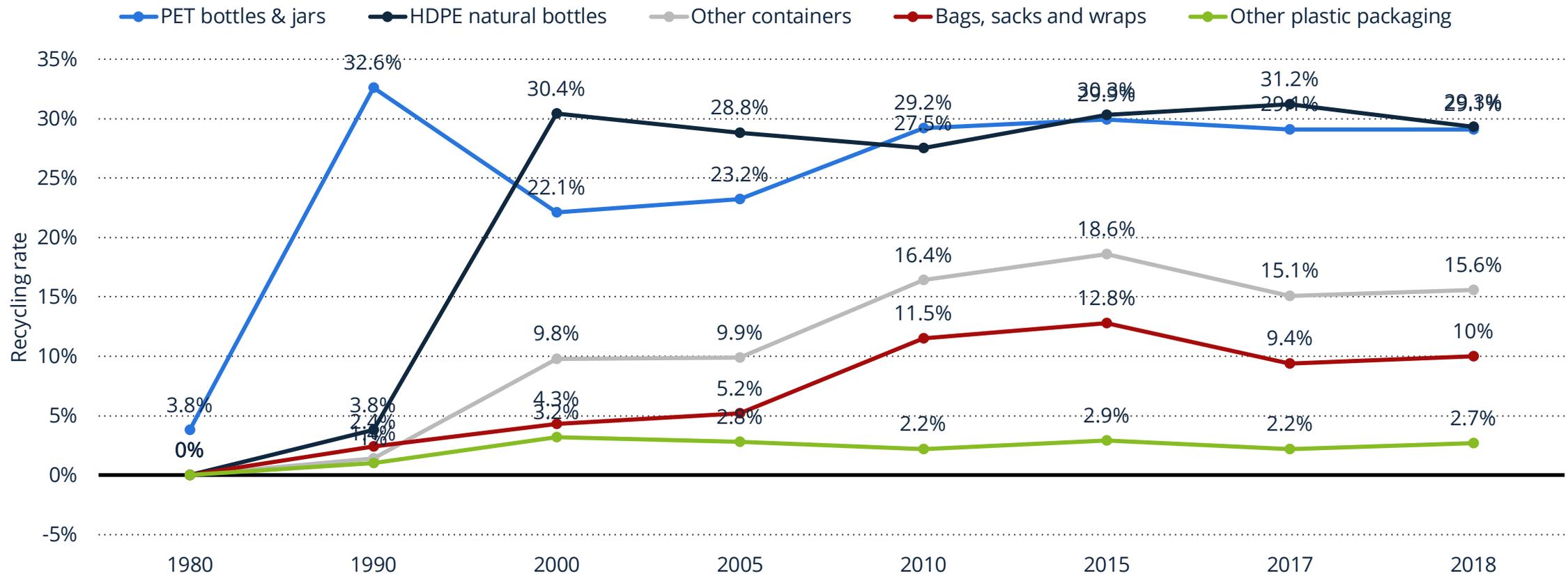
Recycling rate of plastic municipal solid waste (MSW) in the United States from 1960 to 2018*

Recycling rate of plastic municipal solid waste in the U.S. 1960-2018



Recycling rate of plastic containers and packaging MSW in the United States from 1980 to 2018, by product*

Plastic packaging MSW recycling rates in the U.S. 1980-2018, by product

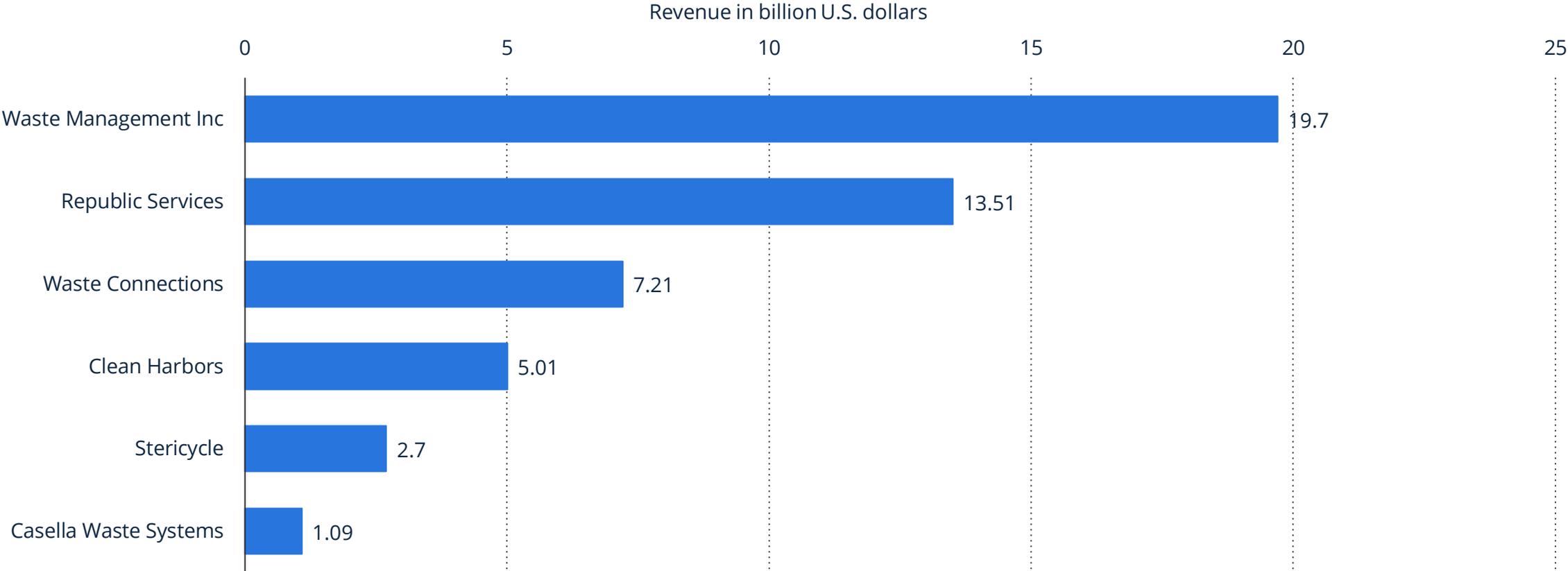


CHAPTER 05

Companies

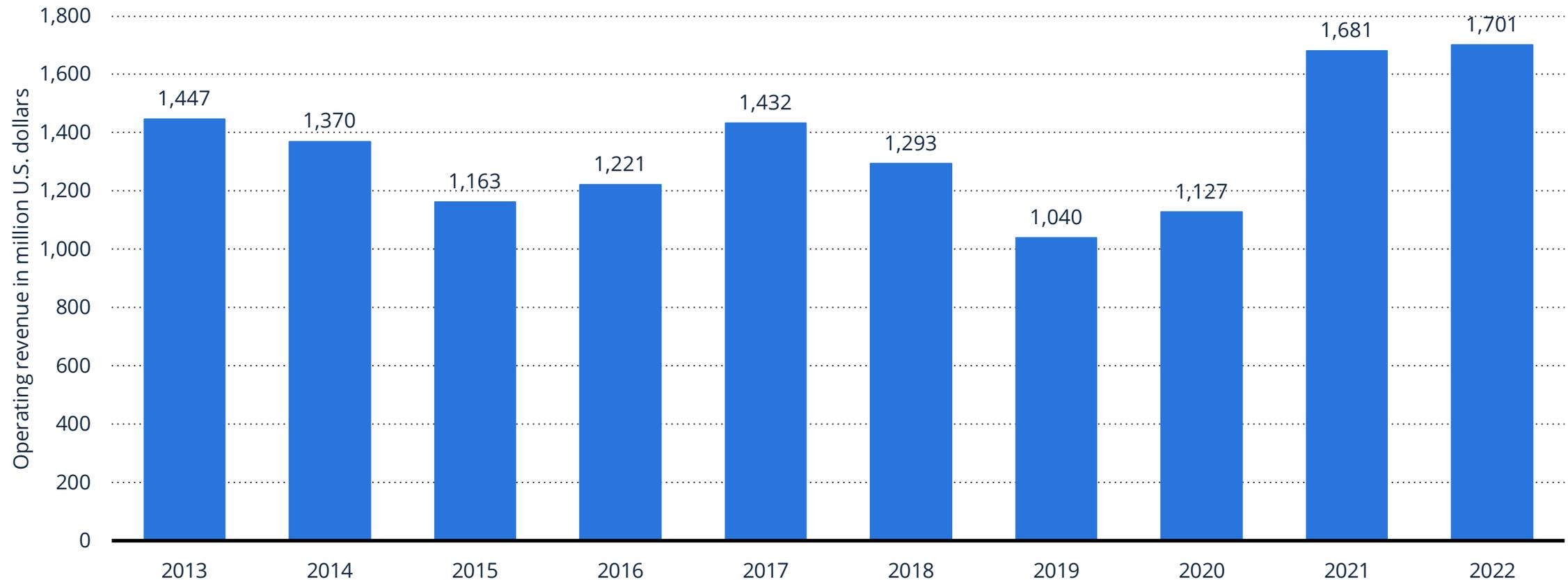
Revenue of leading waste management companies in the United States in 2022 (in billion U.S. dollars)

Leading waste management companies in the United States 2022, by revenue



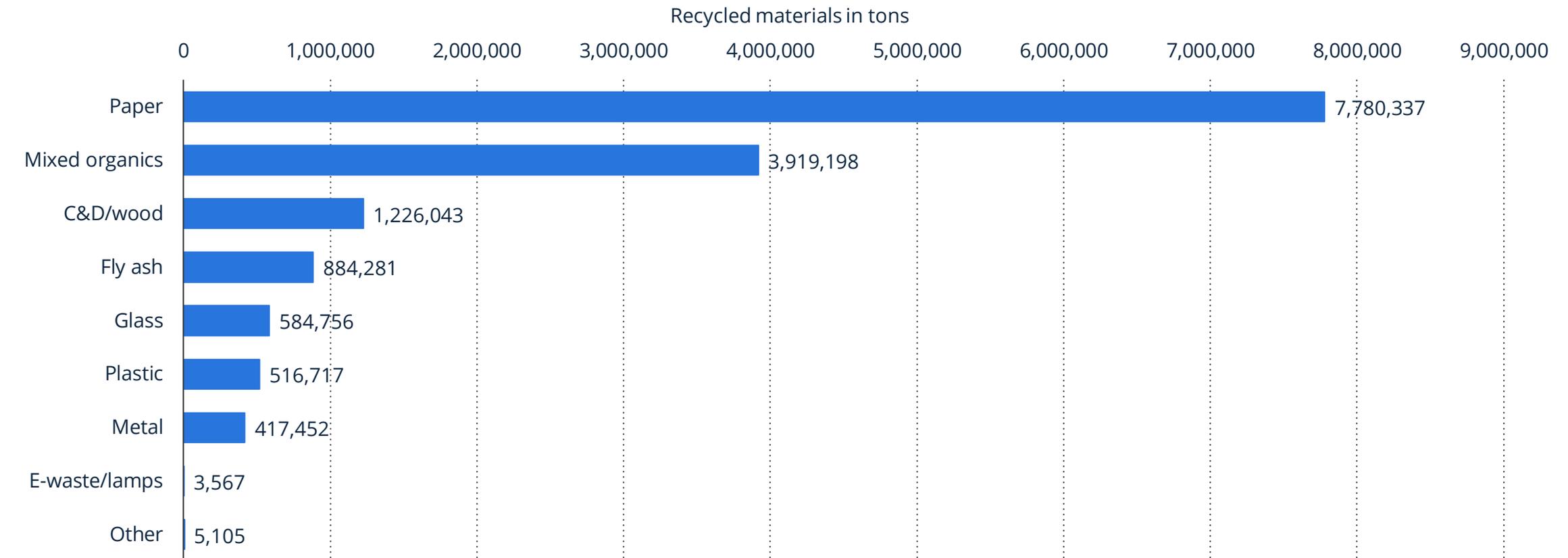
Operating revenue of Waste Management Inc's recycling services from 2015 to 2022 (in million U.S. dollars)

Waste Management Inc's recycling revenue 2015-2022



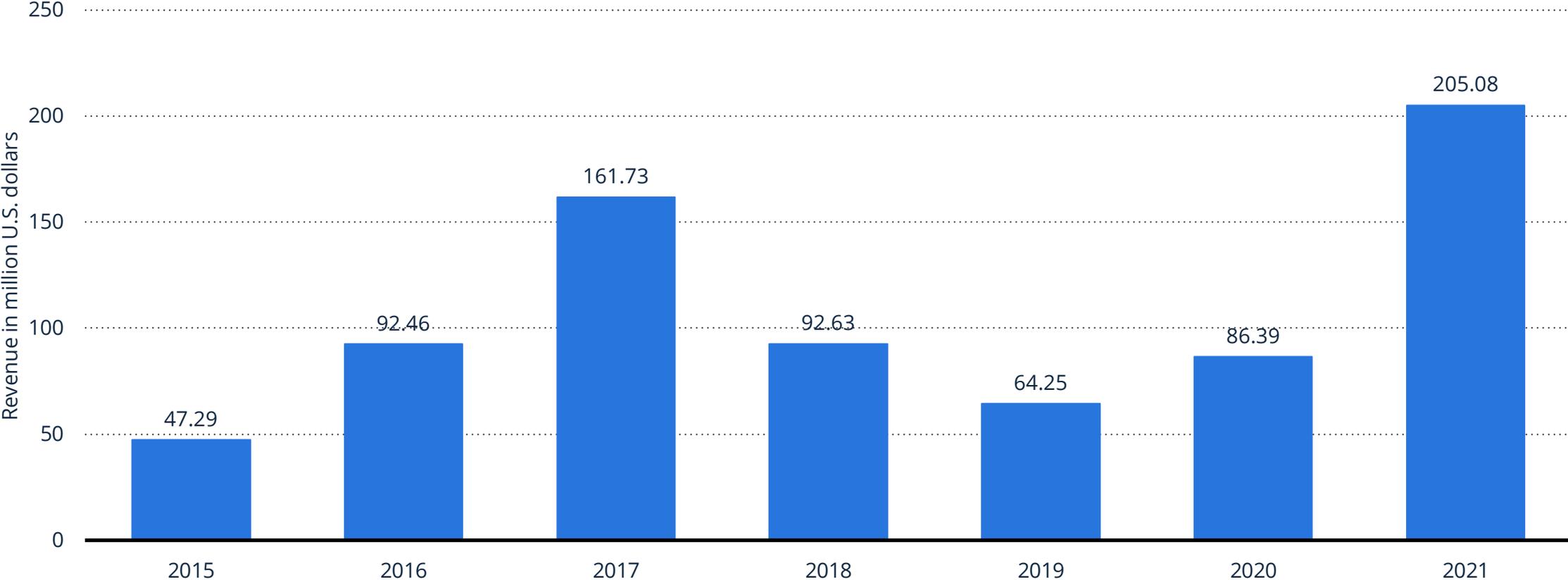
Amount of recycled materials by the Waste Management Inc. in 2021, by material (in tons)

Waste Management Inc.'s recycled materials 2021, by type



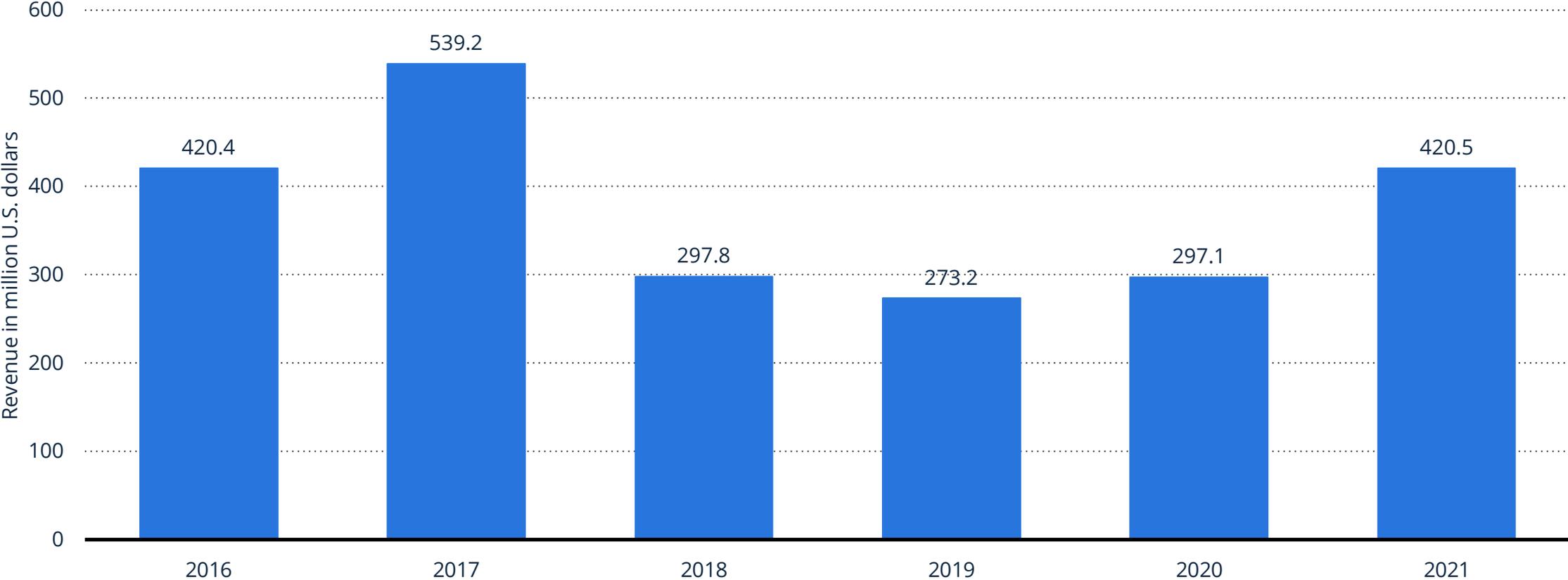
Waste Connections' recycling revenue from 2015 to 2021 (in million U.S. dollars)

Recycling revenue of Waste Connections, Inc. 2015-2021



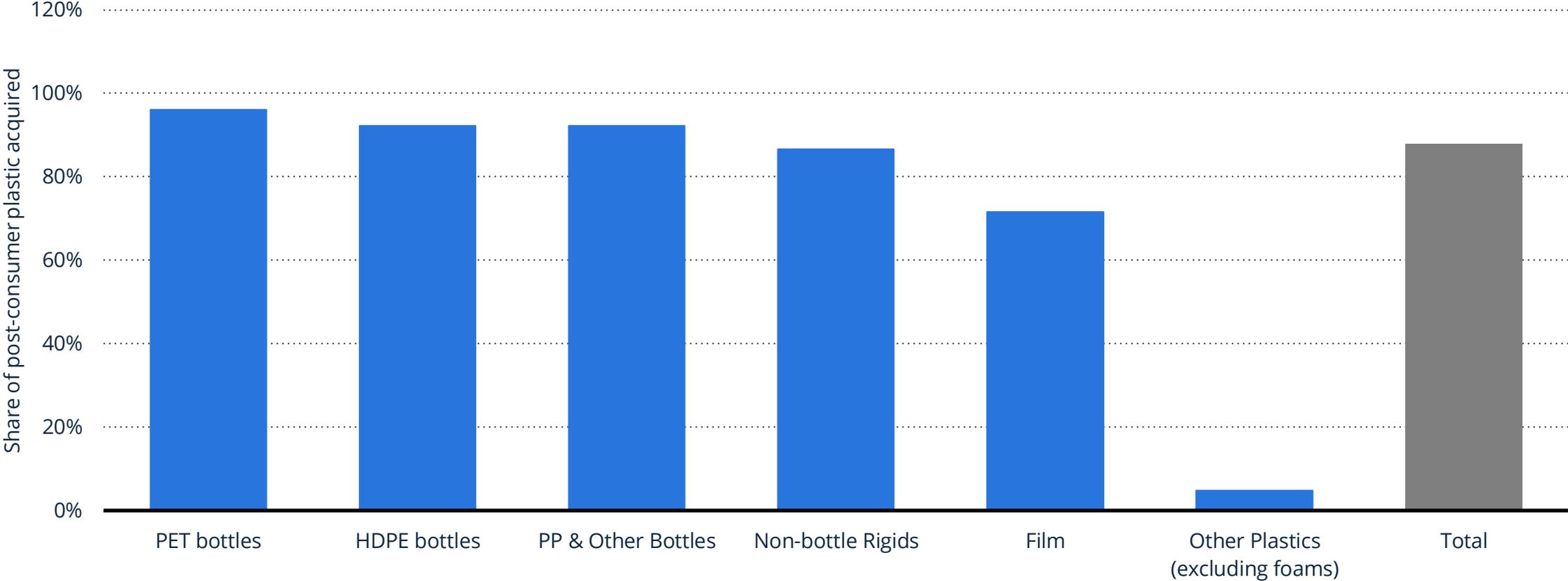
Republic Services Inc.'s revenue from recycling processing and commodity sales from 2016 to 2021 (in million U.S. dollars)

Revenue of Republic Services' recycling processing and commodity sales 2016-2021



Share of U.S. sourced post-consumer plastic acquired by U.S. and Canadian reclaimers in 2019, by category (in million pounds)

U.S. sourced post-consumer plastic purchased by U.S. and Canada 2019, by category



Sources

American Chemistry Council
Association of Plastic Recyclers
Environmental Protection Agency
Financial Times
NAPCOR
OECD
Paper Recycles
Precedence Research
Recycling Partnership
Republic Services
Stina
Thomson Reuters
US Geological Survey
Various sources (Company data)
Waste Connections
Waste Management