

October 2023

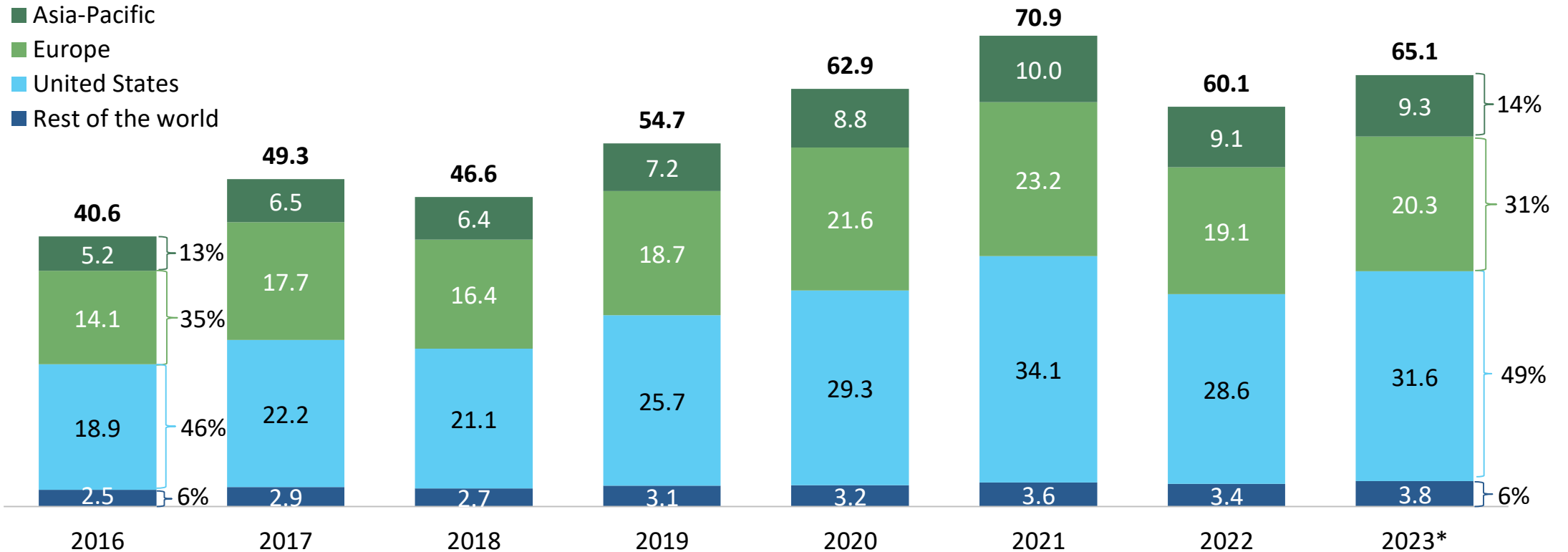


Understanding Trends in UCITS

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Total Net Assets of Worldwide Regulated Open-End Funds

Trillions of US dollars by region, year-end



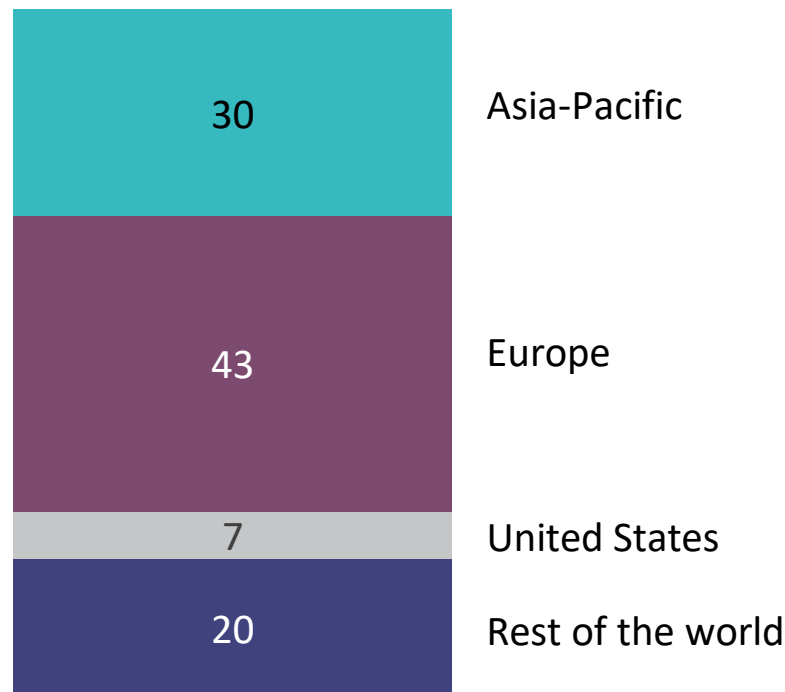
*Data are as of Q2 of 2023.

Note: Regulated open-end funds include mutual funds, ETFs, and institutional funds. Components may not add to the total because of rounding.

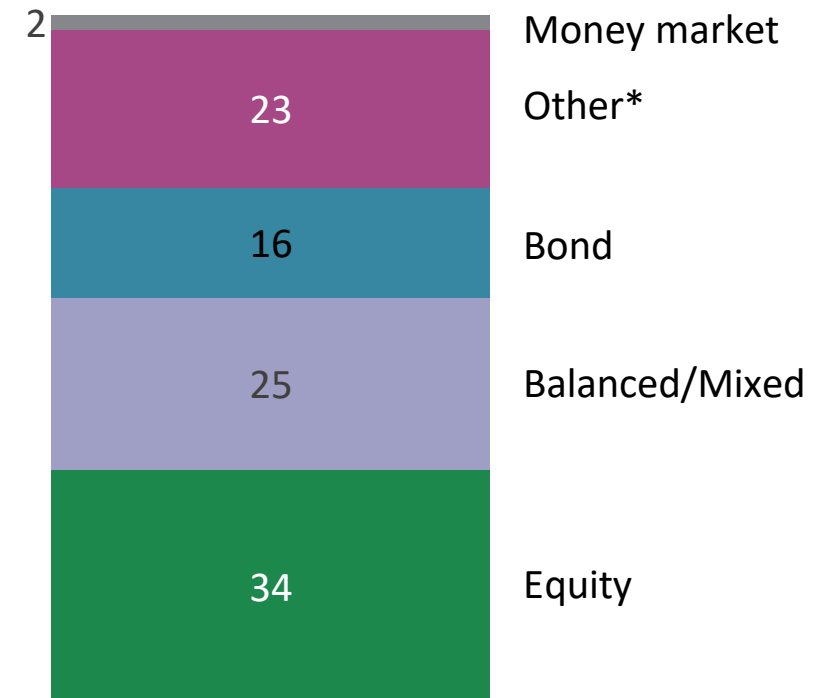
Source: International Investment Funds Association

Number of Worldwide Regulated Open-End Funds

Percentage of funds by region or type of fund, June 2023



Region



Type of fund

Number of worldwide regulated open-end funds: 138,874

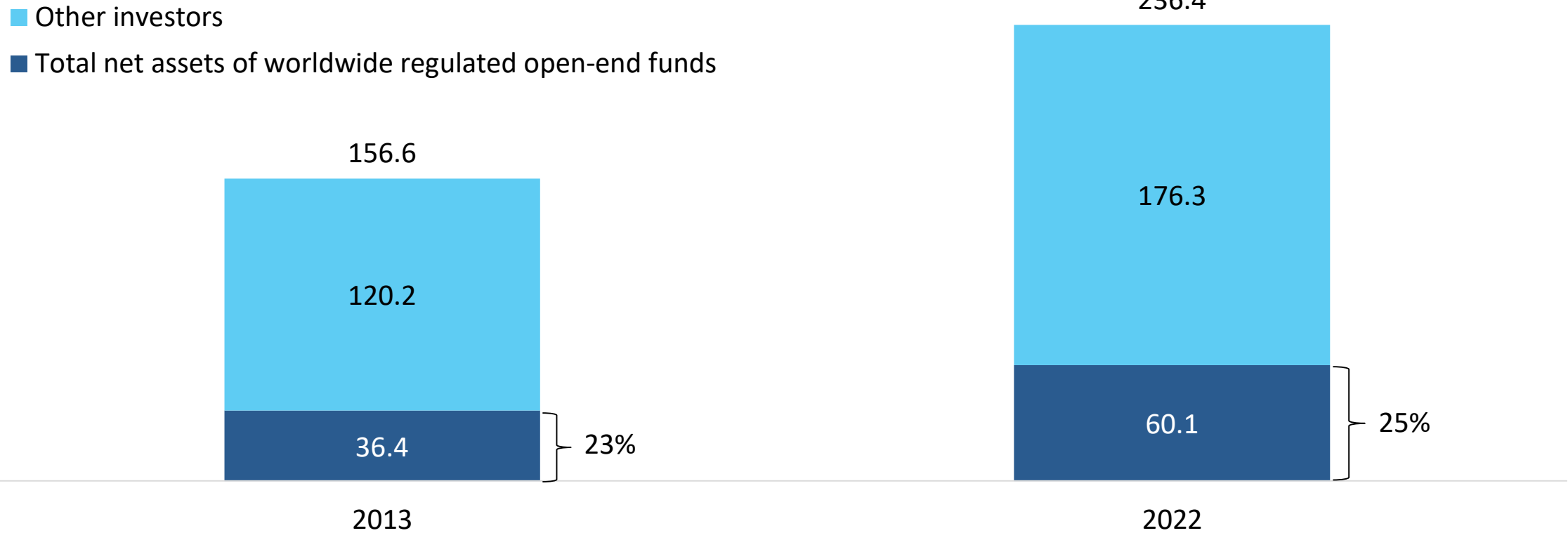
*Other funds include guaranteed/protected funds, real estate funds, and other funds.

Note: Regulated open-end funds include mutual funds, ETFs, and institutional funds.

Source: International Investment Funds Association

Worldwide Regulated Funds Held 26 Percent of Worldwide Equity and Debt Markets

Trillions of US dollars, year-end

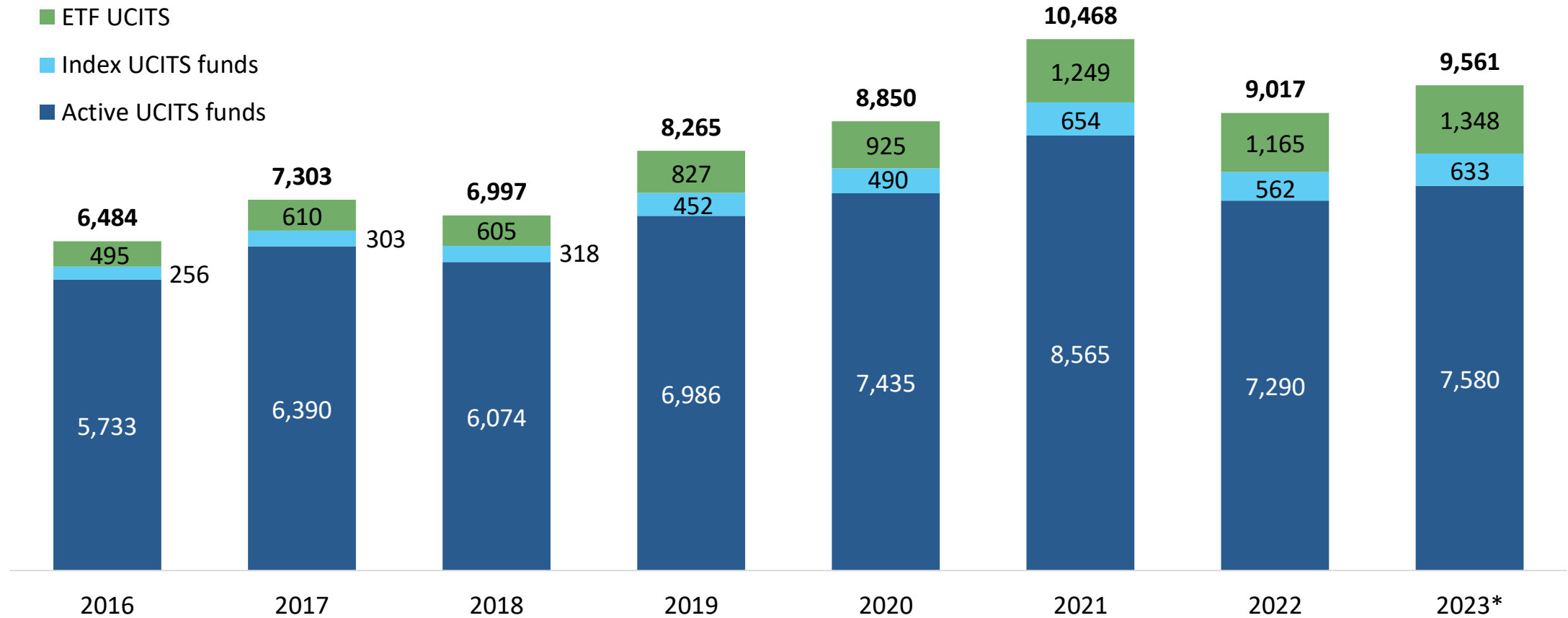


Note: Regulated open-end funds include mutual funds, ETFs, and institutional funds.

Source: Investment Company Institute calculations of data from the International Investment Fund Association, World Federation of Exchanges, and Bank for International Settlements

Net Assets in UCITS

Billions of euros, end of period



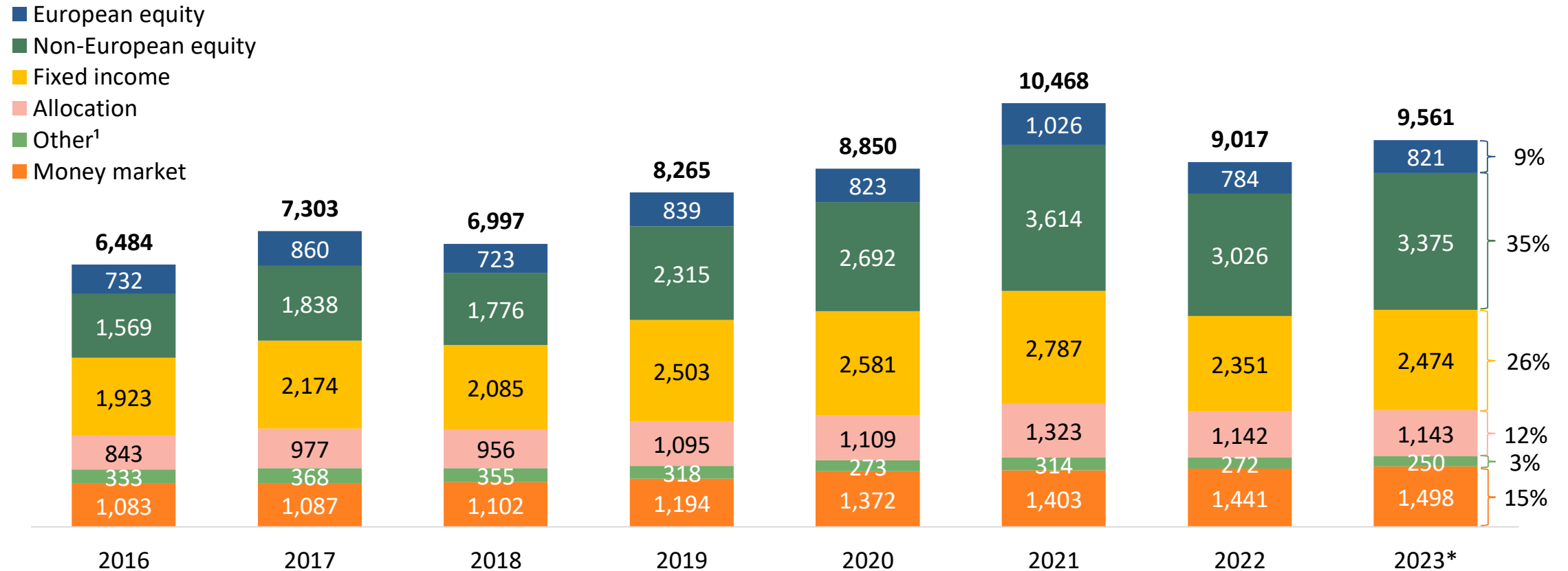
*Data as of August 2023.

Note: Data exclude funds that invest primarily in other funds. Components may not add to the total because of rounding.

Source: Investment Company Institute tabulations of Morningstar Direct data

Equity Funds Accounted For About 44 Percent of UCITS Net Assets in August 2023

Billions of euros, end of period



¹ Other includes alternative, commodities, convertibles, miscellaneous, property, and unclassified funds.

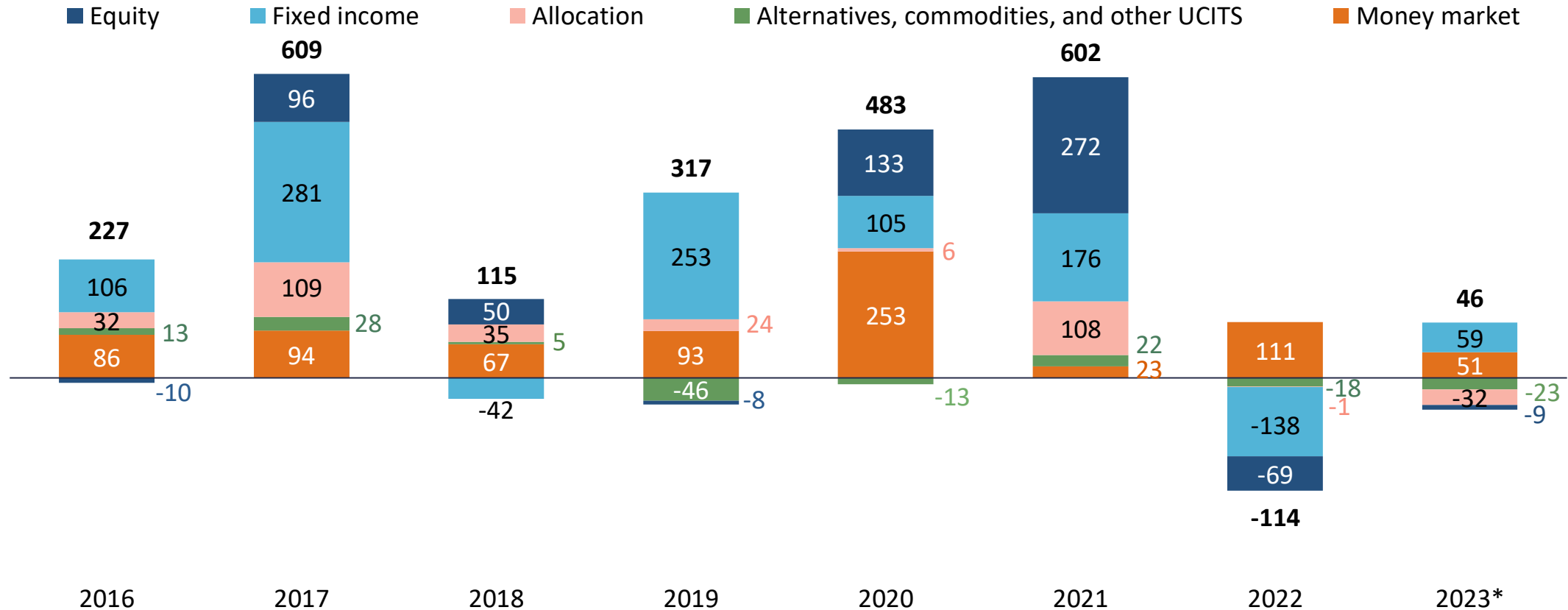
² Data as of August 2023.

Note: Data include UCITS funds and UCITS ETFs but exclude funds that invest primarily in other funds. Components may not add to the total because of rounding.

Source: Investment Company Institute tabulations of Morningstar Direct data

Investor Demand for UCITS Was Weak in 2022

Estimated net flow, billions of euros, annual



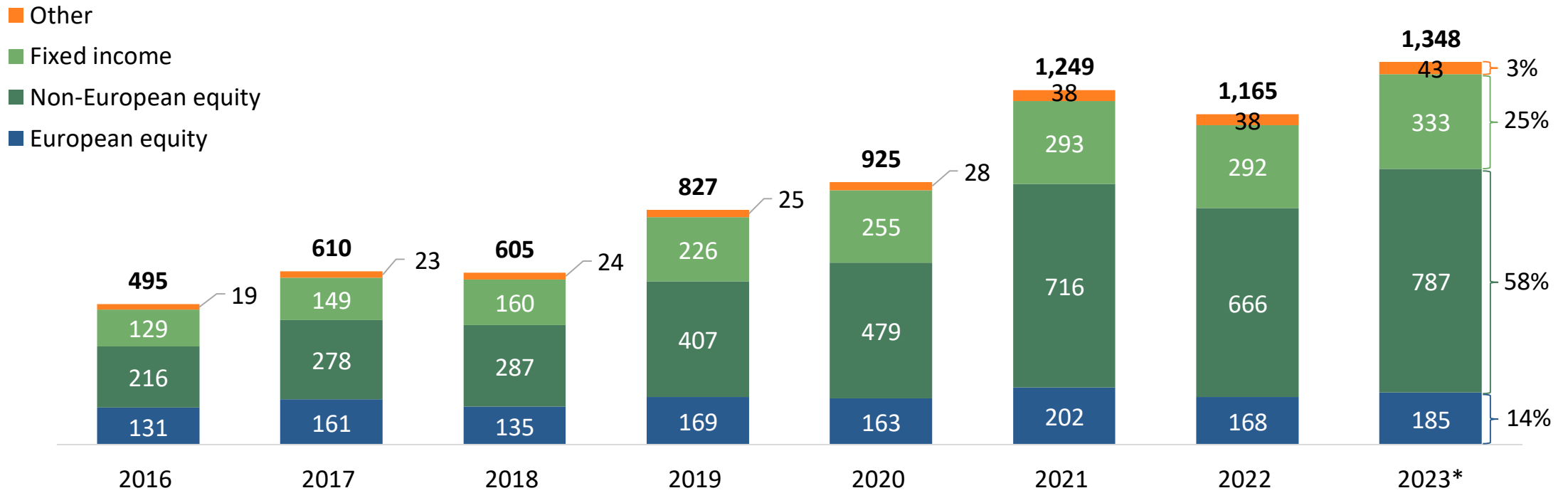
*Data are from January through August 2023.

Note: Data exclude UCITS ETFs and funds that invest primarily in other funds.

Source: Investment Company Institute tabulations of Morningstar Direct data

UCITS ETFs Also Are Growing Rapidly

Billions of euros, end of period



**Number of
ETFs**

1,399	1,429	1,520	1,562	1,566	1,646	1,784	1,814
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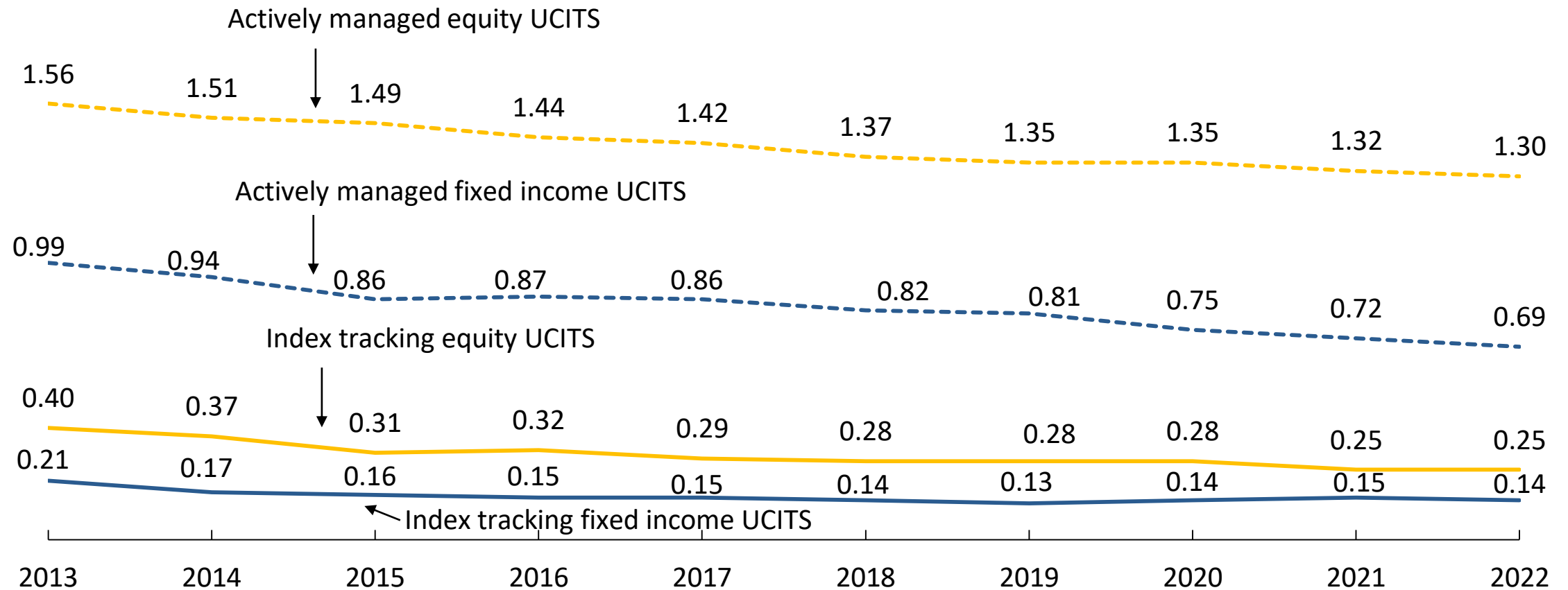
*Data as of August 2023.

Note: Data include UCITS ETFs but exclude funds that invest primarily in other funds. Components may not add to the total because of rounding.

Source: Investment Company Institute tabulations of Morningstar Direct data

Ongoing Charges For Actively Managed and Index Tracking UCITS Have Fallen

Percent



Note: Data exclude exchange-traded funds.

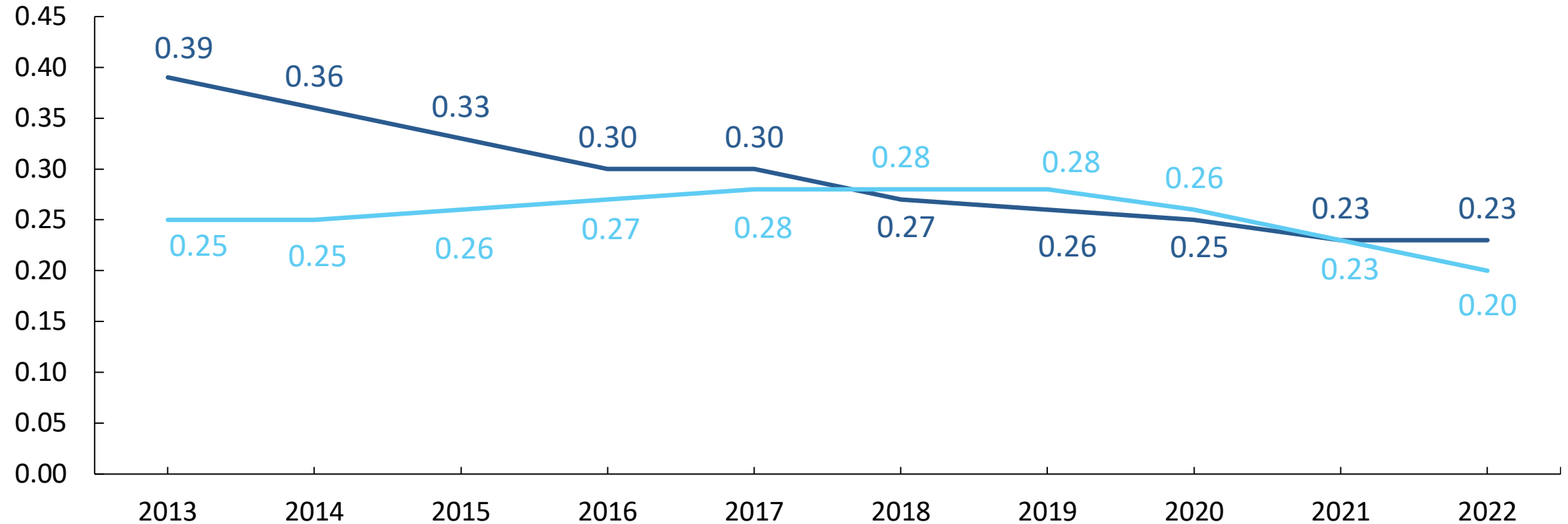
Source: Investment Company Institute tabulations of Morningstar Direct data

Ongoing Charges for Equity and Fixed-Income UCITS ETFs

Percent

— Equity

— Fixed income

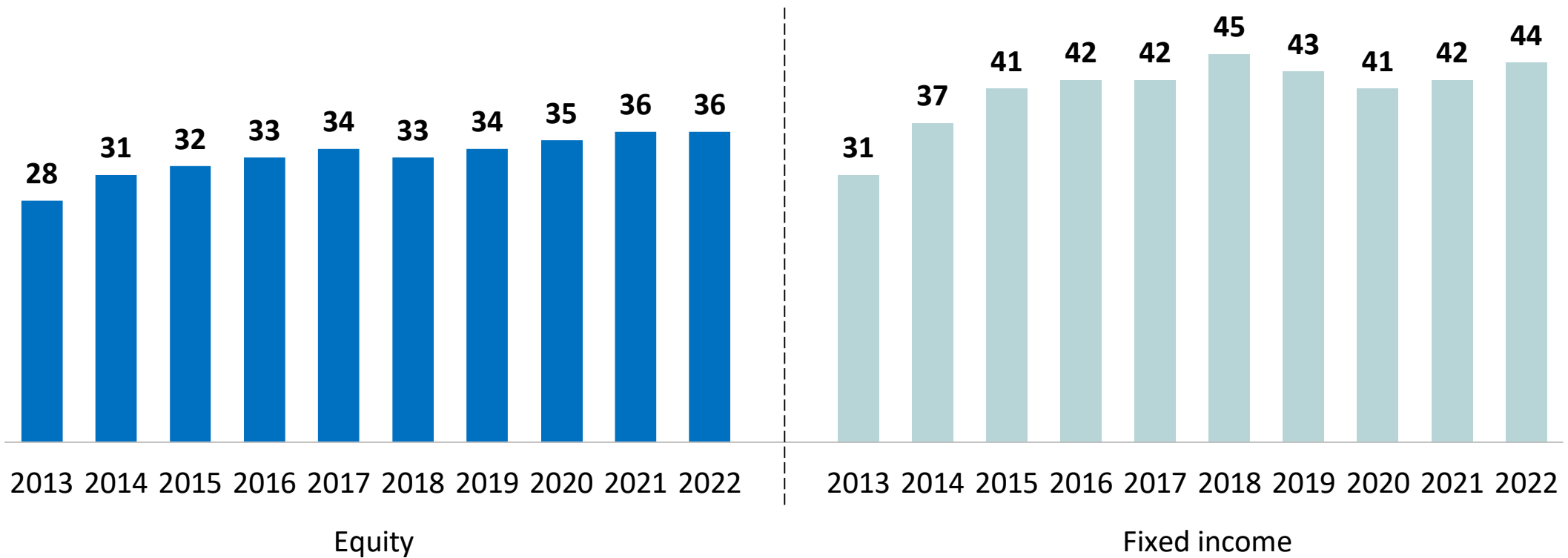


Note: Data include a small number of actively managed exchange-traded funds, representing 2.0 percent of net assets or less in any given year.

Source: Investment Company Institute tabulations of Morningstar Direct data

Investors Generally Concentrate Their Assets in Lower-Cost UCITS

Percentage of UCITS net assets with ongoing charges in the lowest quartile

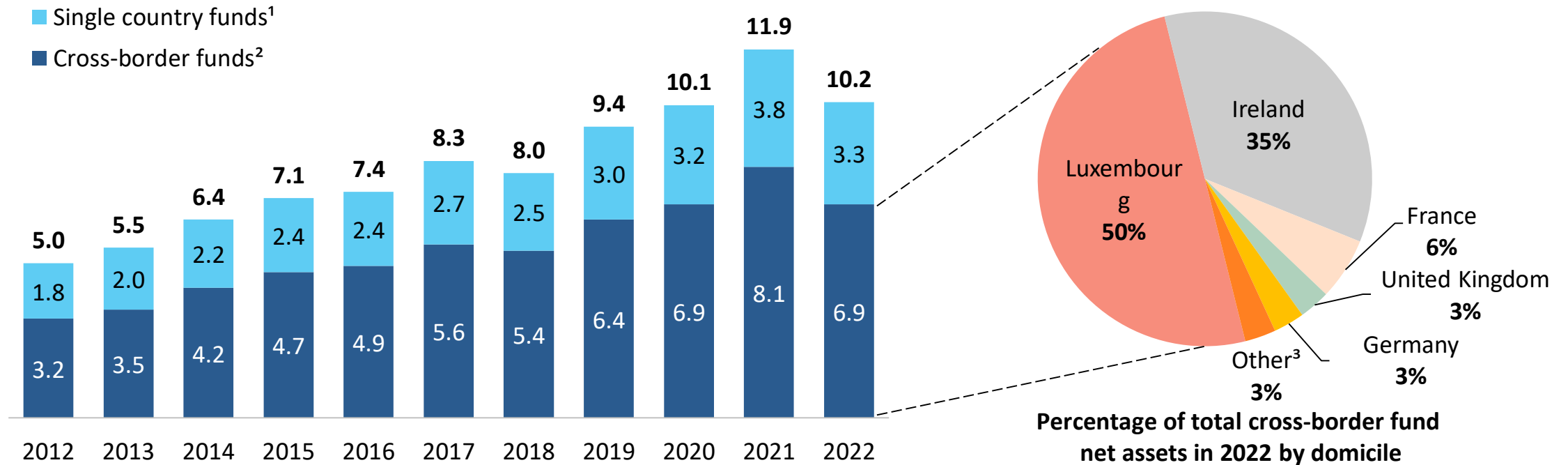


Note: Data exclude exchange-traded funds.

Source: Investment Company Institute tabulations of Morningstar Direct data

Cross-Border Funds Represent Nearly Two-Thirds of Total UCITS Net Assets

Total UCITS net assets in trillions of euros, year-end



¹Single country funds include funds registered and available for sale in one country. Single country funds also include round-trip funds—funds domiciled in one country but primarily intended for sale in a different country.

²Cross-border funds are defined as funds registered and available for sale in three or more countries.

³Other includes Sweden, Belgium, Austria, the Netherlands, Finland, Denmark, Malta, Slovenia, Estonia, Latvia, Lithuania, and Spain.

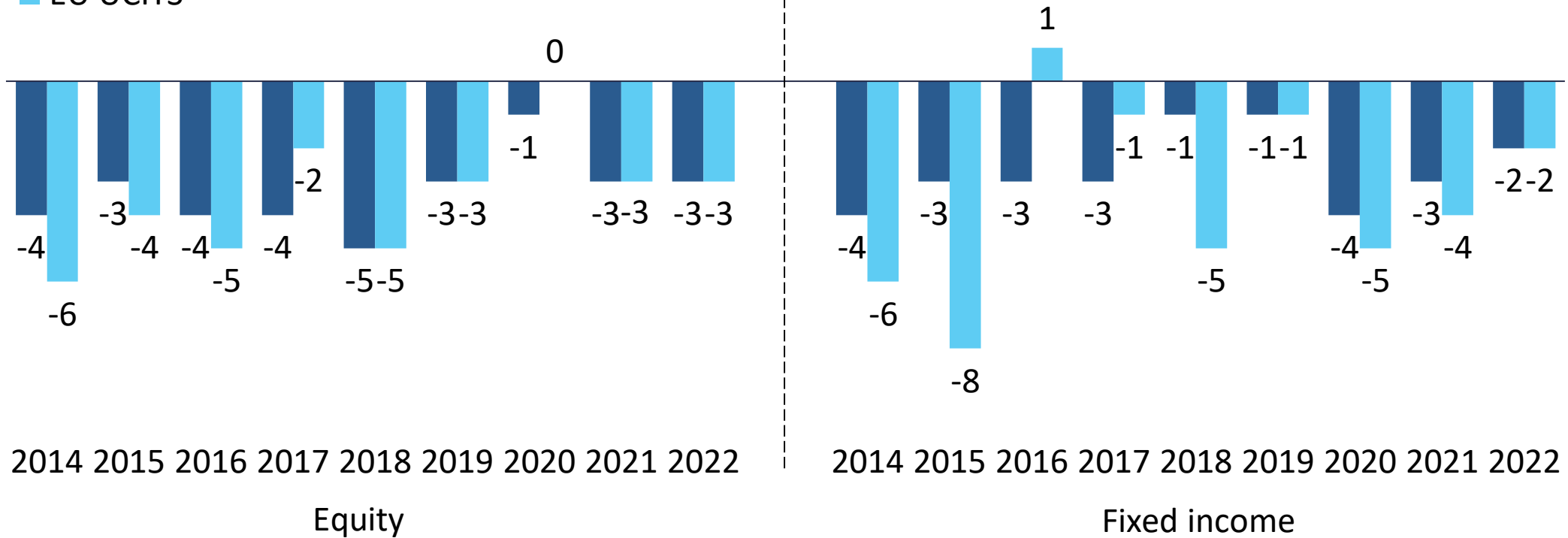
Note: Data include UCITS domiciled in the United Kingdom and the Netherlands (representing 12 percent of net assets at year-end 2022). Data also include exchange-traded funds.

Source: Investment Company Institute tabulations of Morningstar Direct data

EU and US Equity Funds Experience Similar Annual Changes in Ongoing Charges

Annual change in the UCITS ongoing charge and the US mutual fund expense ratio, basis points

■ US mutual funds
■ EU UCITS



Note: Data exclude exchange-traded funds and funds that invest primarily in other funds.
Source: Investment Company Institute tabulations of Morningstar Direct data