



EUROPEAN DIGITAL HEALTH MARKET





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European digital health market



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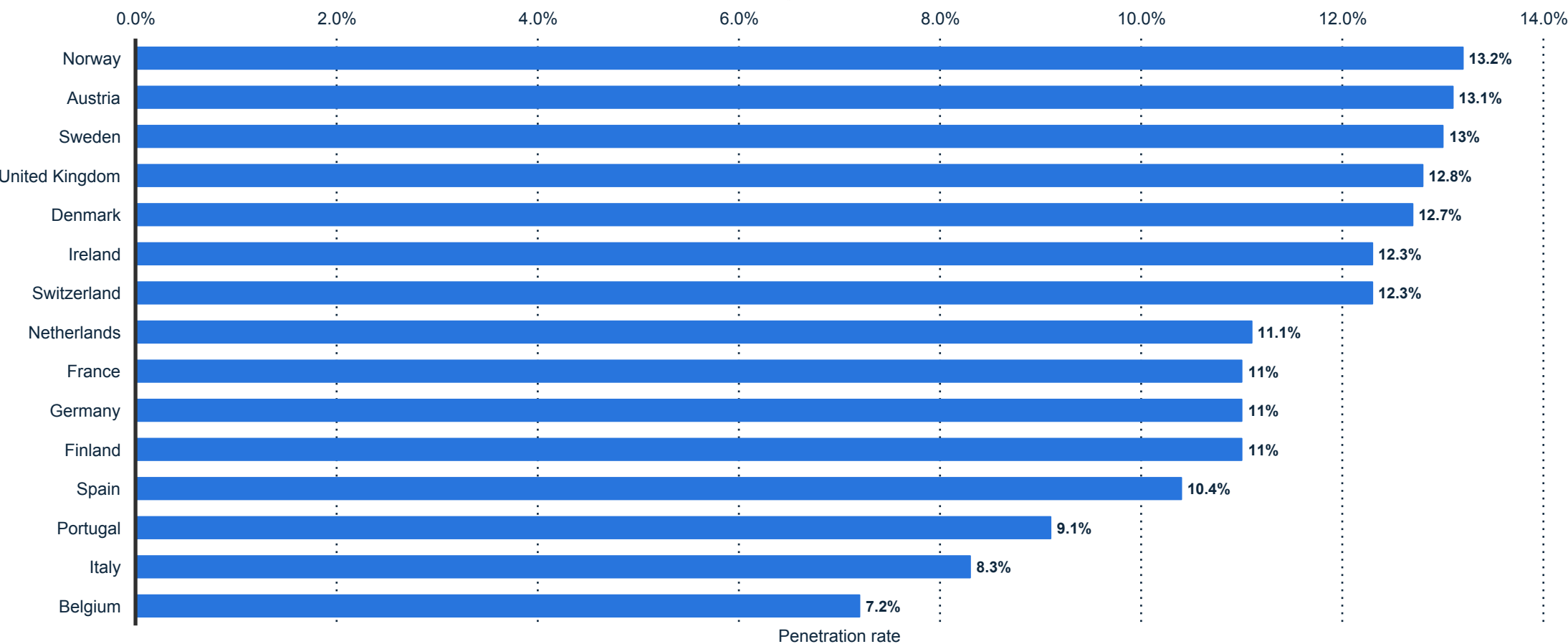
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OVERVIEW

European digital health market

Usage penetration of eHealth products for fitness in European countries worldwide in 2018

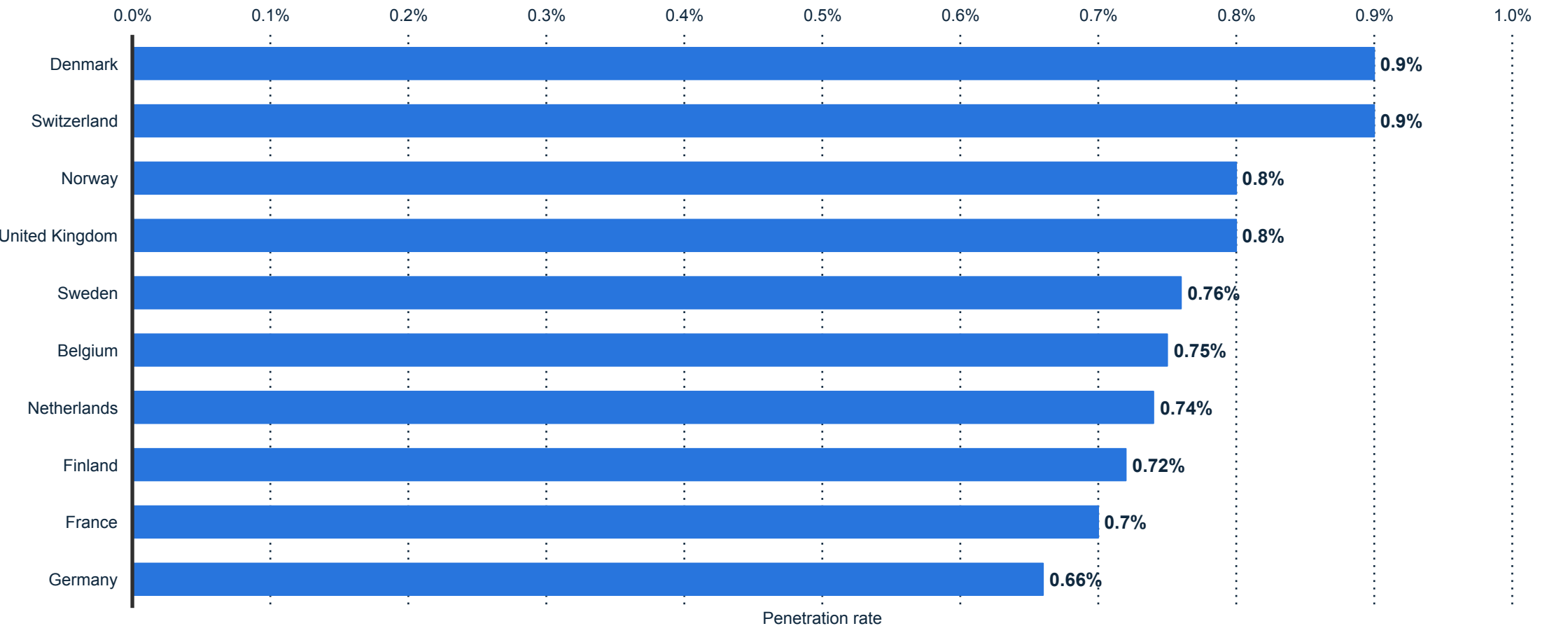
DMO: eHealth fitness products usage penetration in European countries 2018



Note: Europe; 2017*
Further information regarding this statistic can be found on [page 46](#).
Source(s): Statista (Digital Market Outlook); [ID 518361](#)

Usage penetration of eHealth solutions for hypertension in selected European countries in 2016

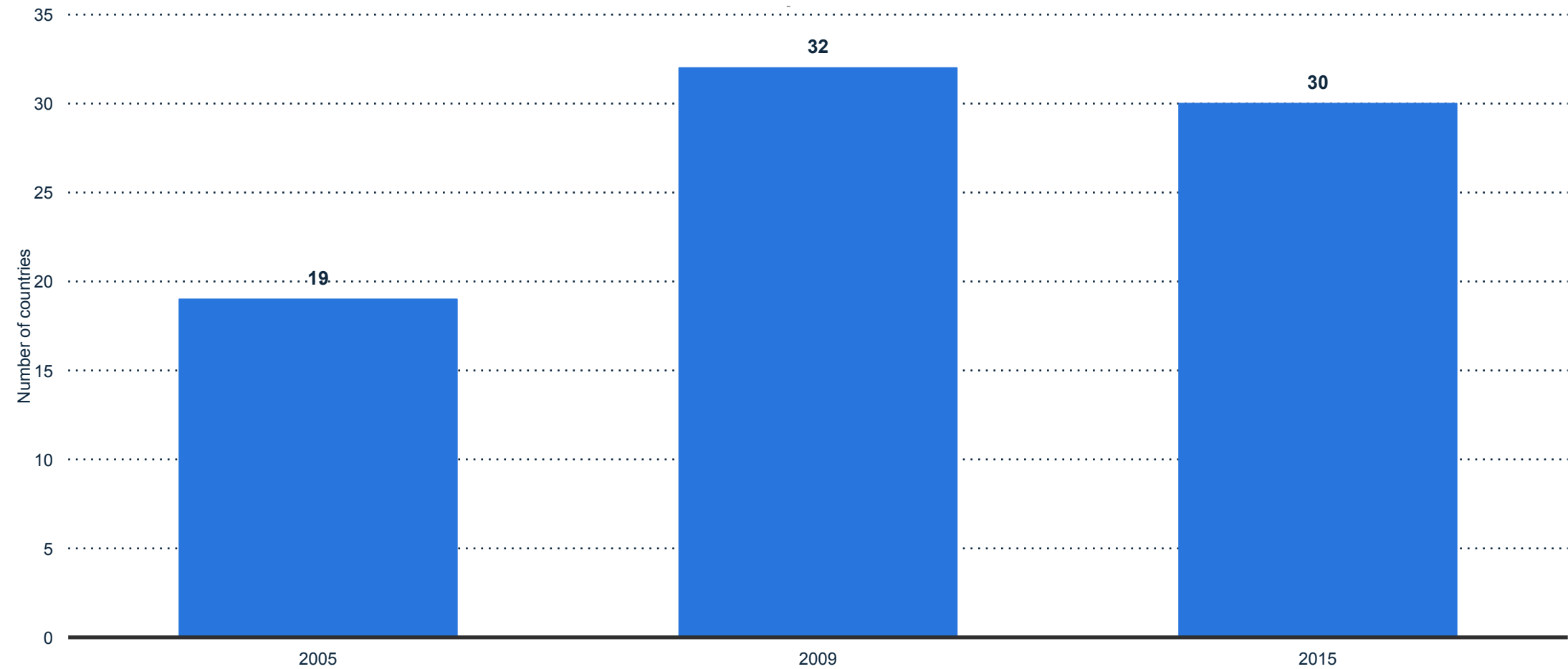
DMO: Health hypertension solutions usage penetration in European countries 2016



Note: Europe; 2016*
Further information regarding this statistic can be found on [page 47](#).
Source(s): Statista (Digital Market Outlook); [ID 518326](#)

Number of countries with a national eHealth policy or strategy in Europe in 2005, 2009 and 2015

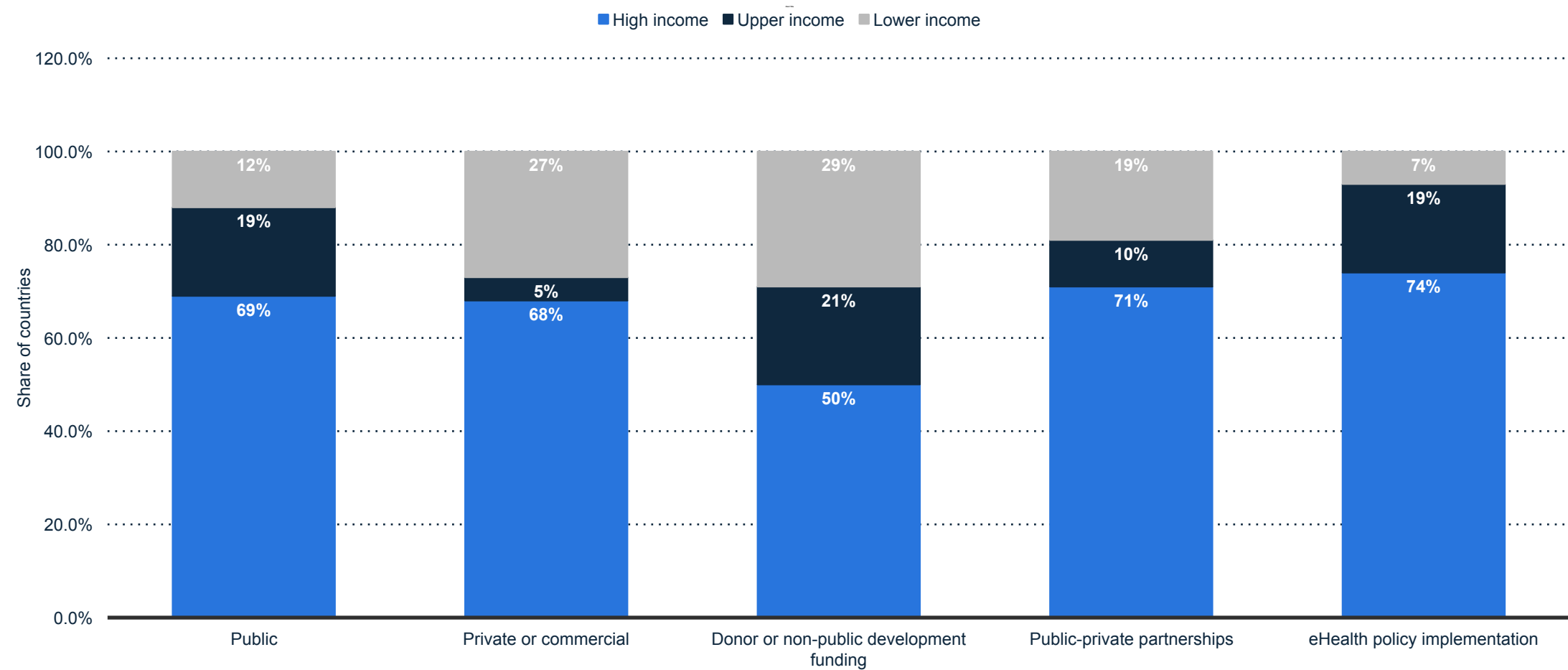
European countries with a national eHealth policy or strategy in 2005, 2009 and 2015



Note: Europe; 2015
Further information regarding this statistic can be found on [page 48](#).
Source(s): WHO; [ID 629551](#)

Share of funding available for eHealth programmes in Europe in 2015, by World Bank gross national income per capita groupings

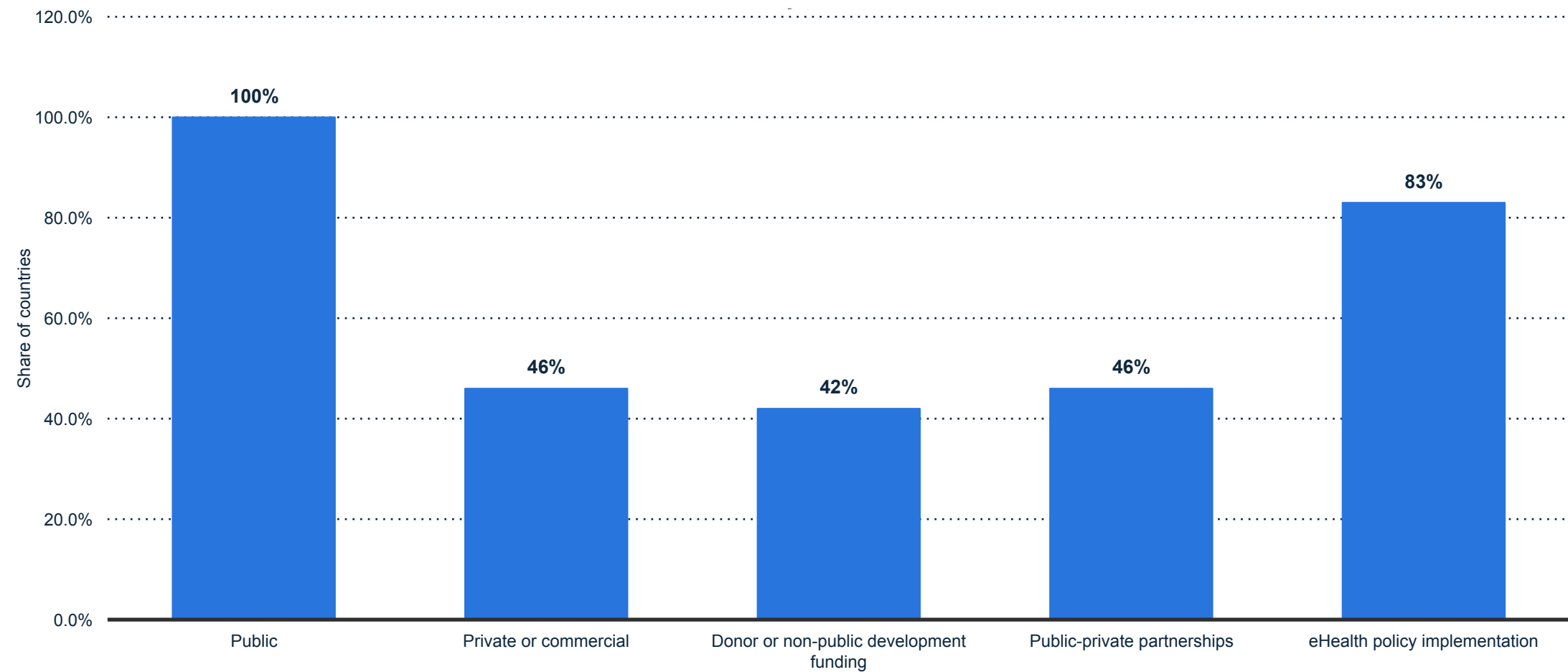
Funding available for eHealth programmes, by World Bank gross national income in 2015



Note: Europe; 2015
Further information regarding this statistic can be found on [page 49](#).
Source(s): WHO; [ID 629604](#)

Share of funding available for eHealth programmes in Europe Union 28 countries in 2015

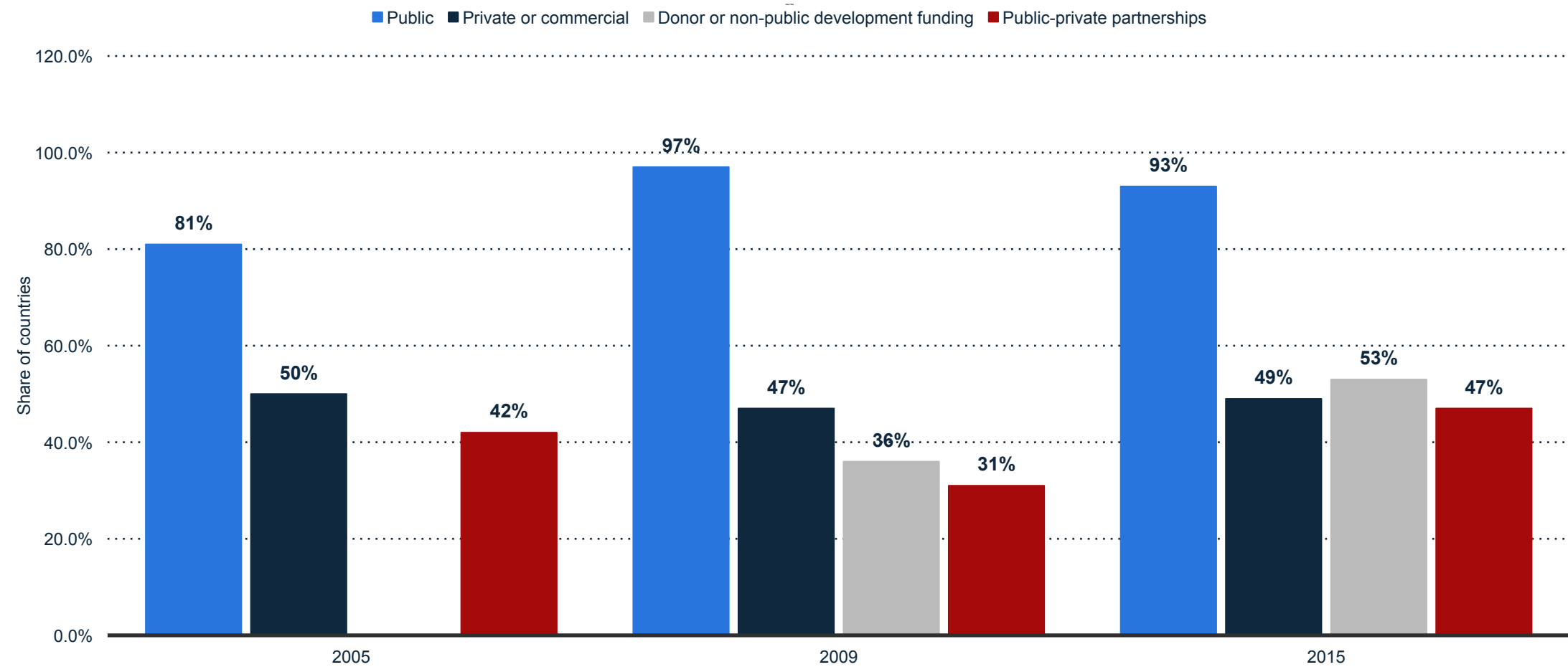
Funding available for eHealth programmes in the European Union 28 countries in 2015



Note: Europe; 2015
Further information regarding this statistic can be found on [page 50](#).
Source(s): WHO; [ID 629649](#)

Share of trends in funding available for eHealth programmes in Europe in 2005, 2009 and 2015

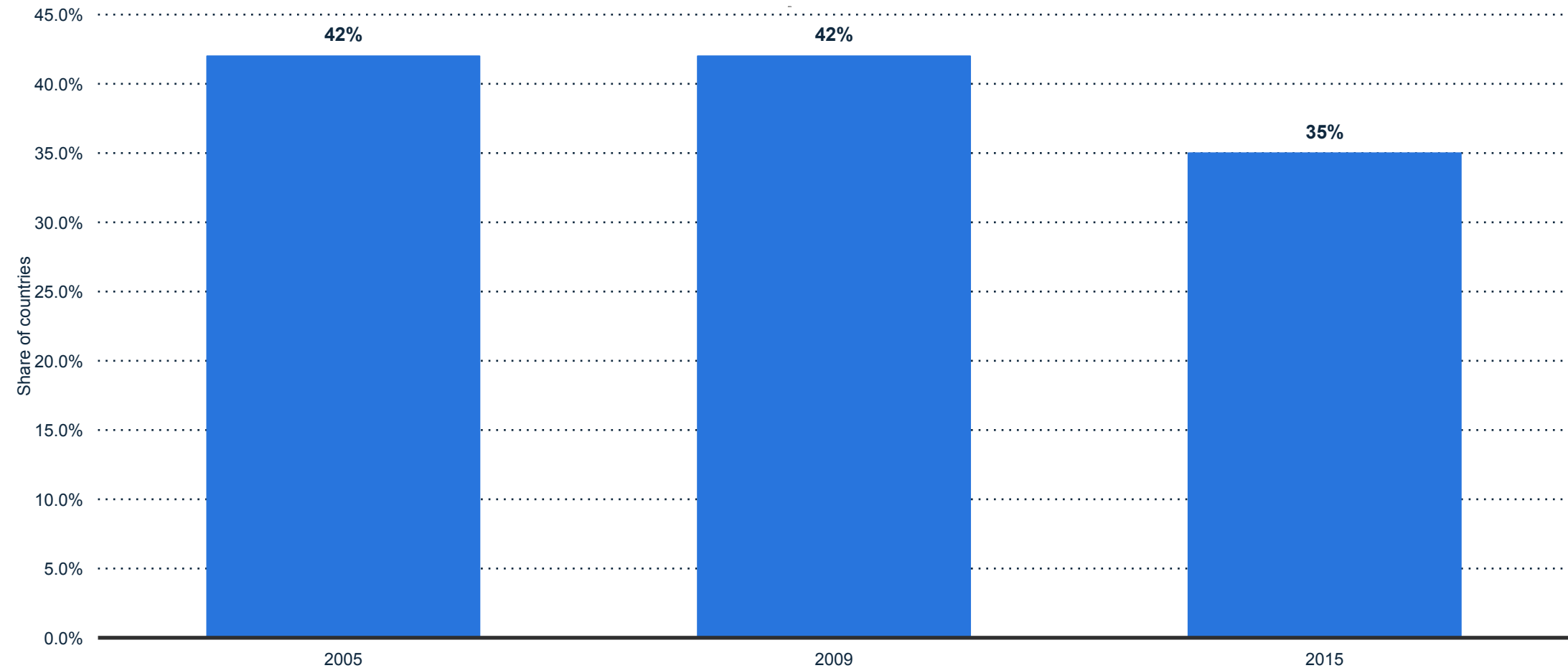
Trends in funding available for eHealth programmes in Europe 2005, 2009 and 2015



Note: Europe; 2005, 2009 and 2015
Further information regarding this statistic can be found on [page 51](#).
Source(s): WHO; [ID 629658](#)

Share of member states addressing multilingualism in health in Europe in 2005, 2009 and 2015

Trends in policy addressing multilingualism in health in Europe 2005, 2009 and 2015



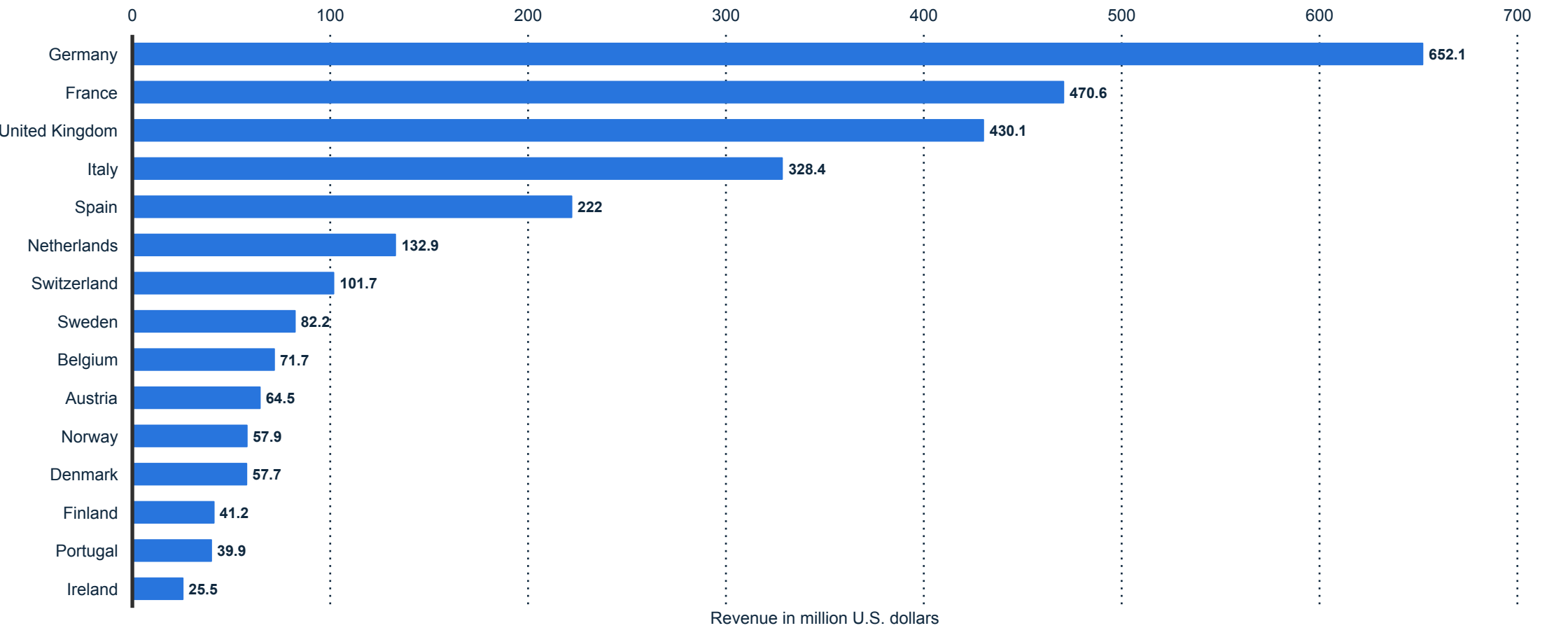
Note: Europe; 2005, 2009 and 2015
Further information regarding this statistic can be found on [page 52](#).
Source(s): WHO; [ID 629715](#)

REVENUE

European digital health market

eHealth revenue in selected European countries in 2018 (in million U.S. dollars)

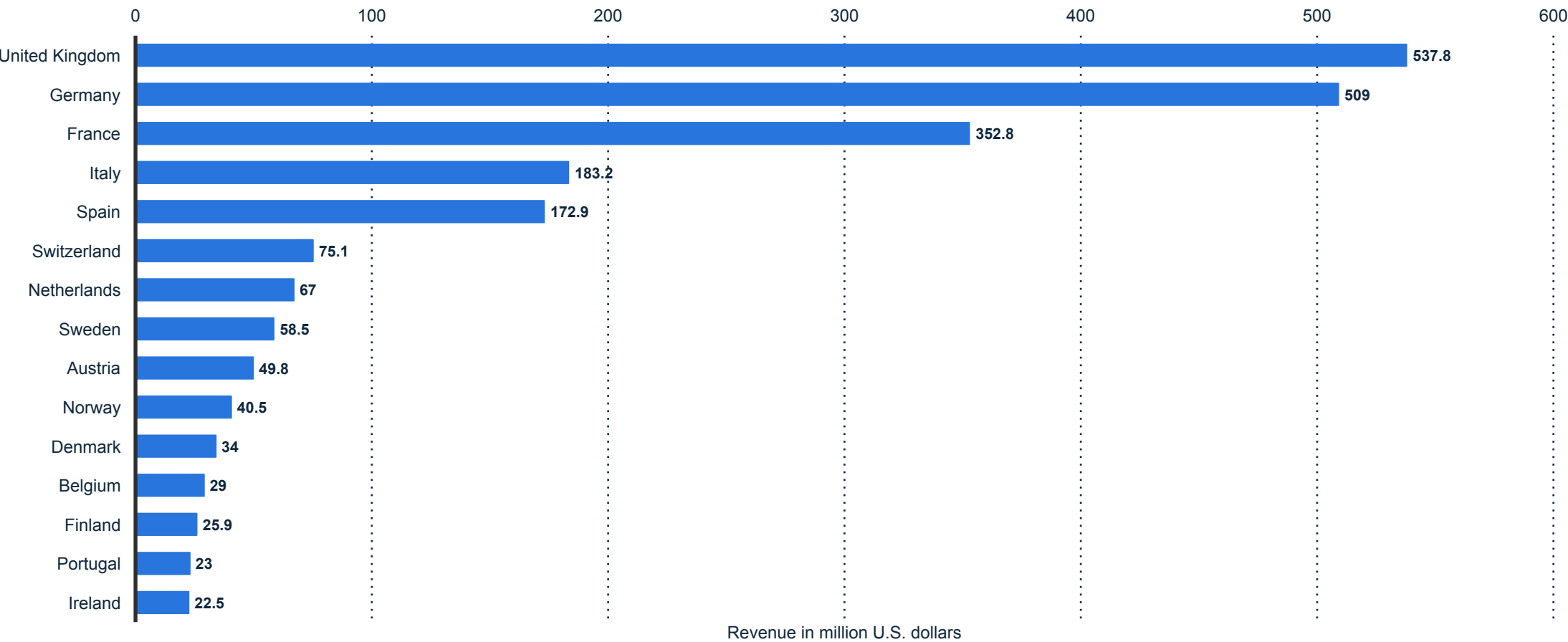
Digital Market Outlook: eHealth revenue in European countries 2018



Note: Europe; 2018*
Further information regarding this statistic can be found on [page 53](#).
Source(s): Statista (Digital Market Outlook); [ID 515717](#)

Revenue of the eHealth fitness segment in European countries in 2018 (in million U.S. dollars)

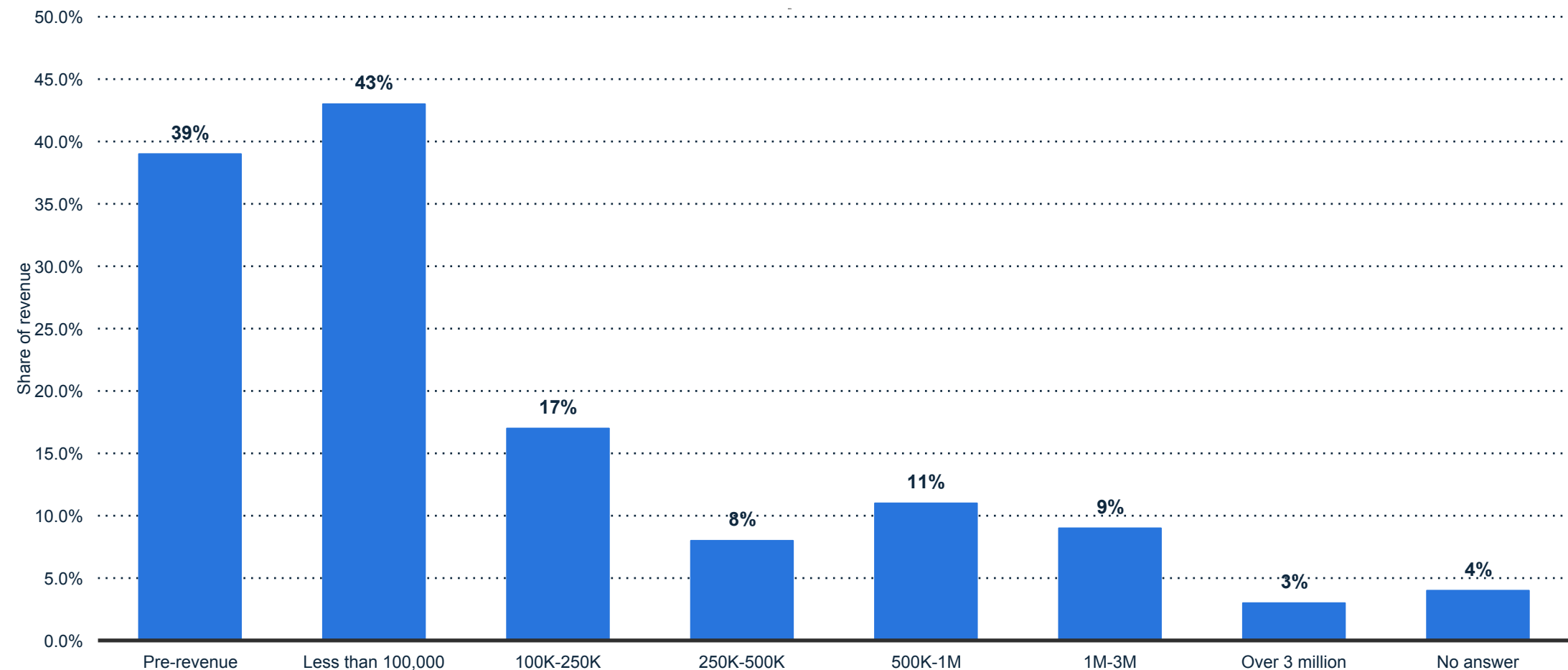
Digital Market Outlook: eHealth fitness revenue in European countries 2018



Note: Europe; 2018*
Further information regarding this statistic can be found on [page 54](#).
Source(s): Statista (Digital Market Outlook); [ID 515838](#)

Share of digital health startups revenues in the European Union in 2016

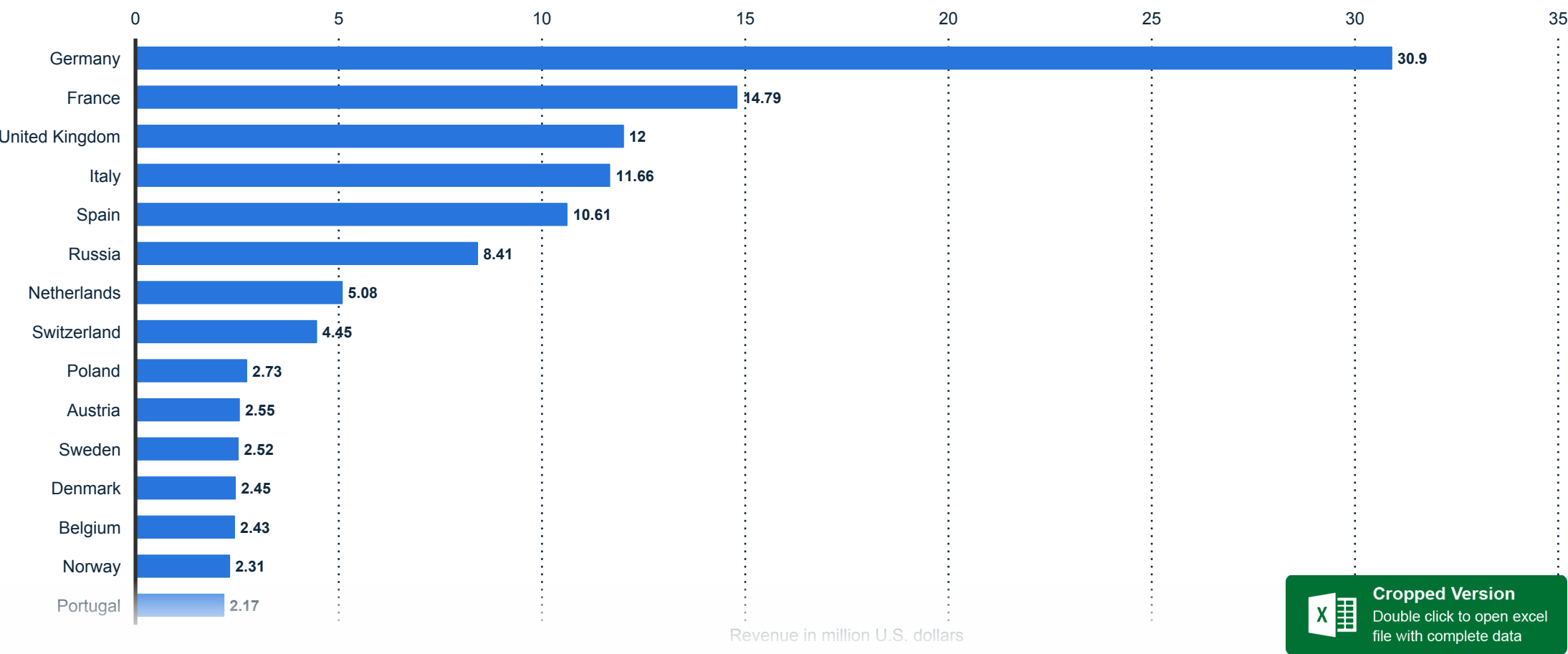
Revenue of digital health startups in the European Union in 2016



Note: Europe; 2016; 300 Respondents
Further information regarding this statistic can be found on [page 55](#).
Source(s): eHealth Hub ; [ID 694877](#)

Revenue of eHealth solutions for diabetes in selected European countries in 2016 (in million U.S. dollars)

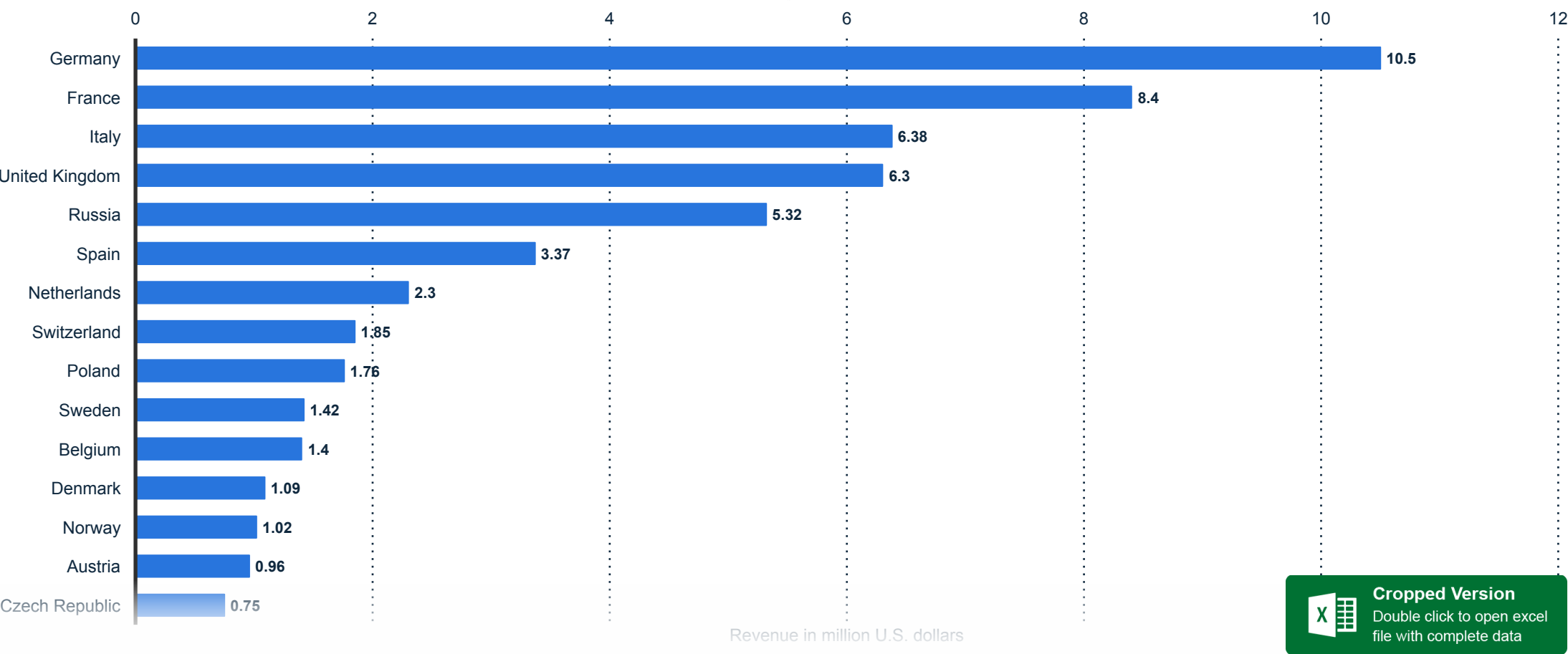
DMO: eHealth solutions for diabetes revenue in European countries 2016



Note: Europe; 2016*
Further information regarding this statistic can be found on [page 56](#).
Source(s): Statista (Digital Market Outlook); [ID 517212](#)

Revenue of eHealth solutions for hypertension in European countries in 2016 (in million U.S. dollars)

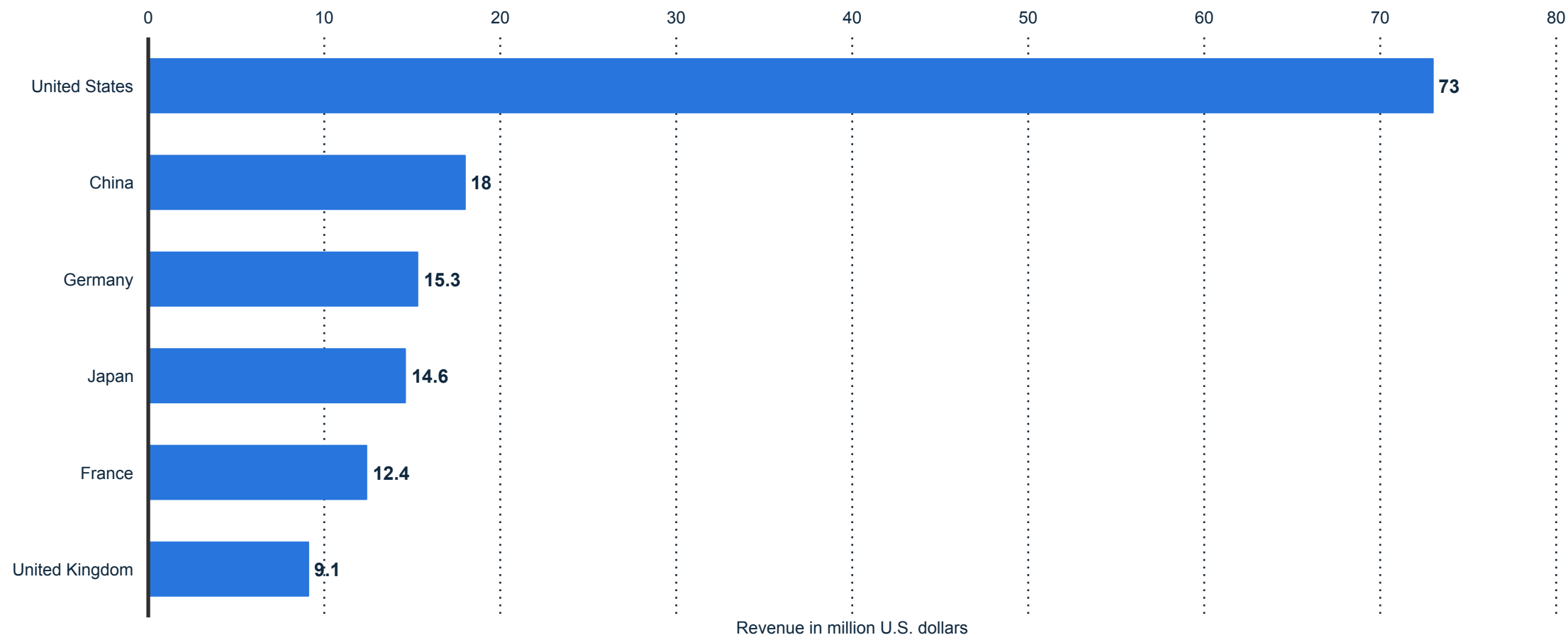
DMO: eHealth hypertension solutions revenue in European countries 2016



Note: Europe; 2016*
Further information regarding this statistic can be found on [page 57](#).
Source(s): Statista (Digital Market Outlook); [ID 517303](#)

Revenue of the eHealth hypertension solutions segment in selected countries worldwide in 2017 (in million U.S. dollars)

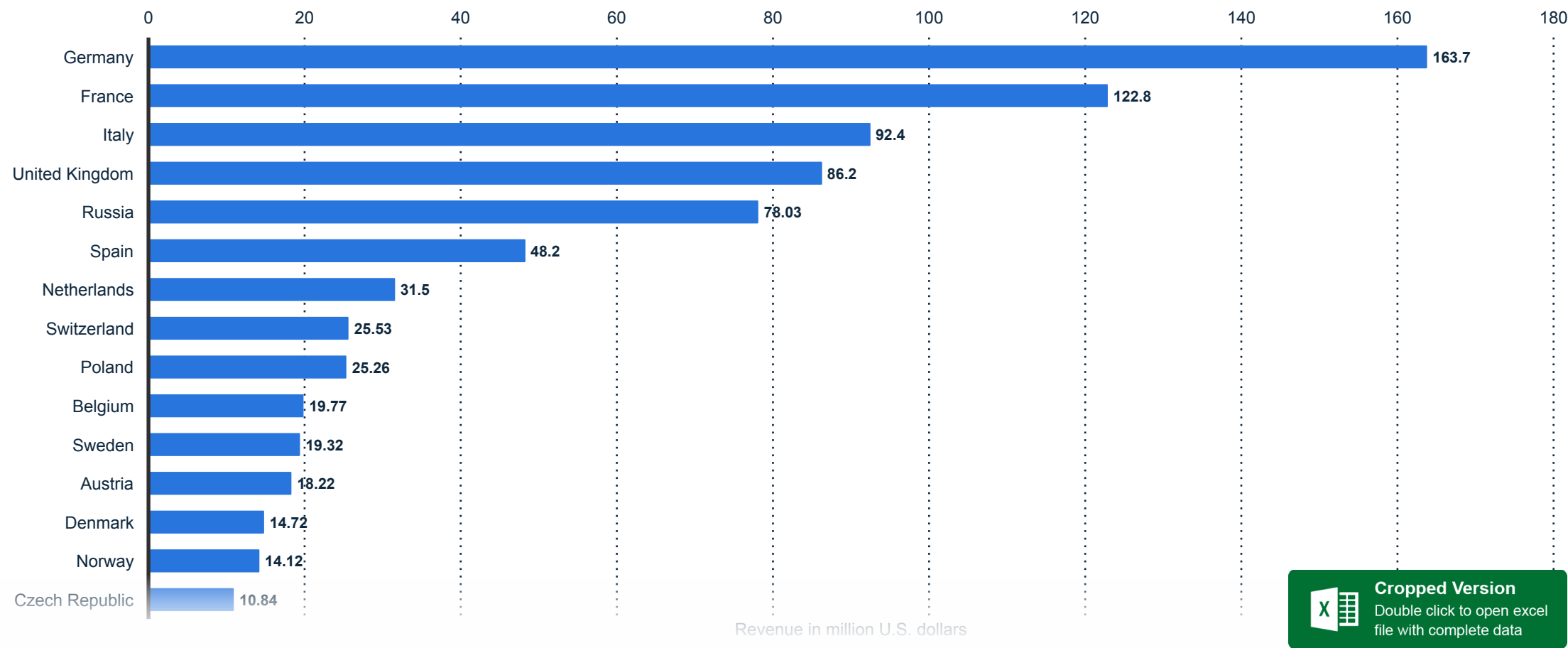
DMO: eHealth hypertension solutions revenue in selected countries 2017



Note: Worldwide; 2016*
Further information regarding this statistic can be found on [page 58](#).
Source(s): Statista (Digital Market Outlook); [ID 517288](#)

Revenue of the eHealth heart failure solutions segment in European countries in 2016 (in million U.S. dollars)

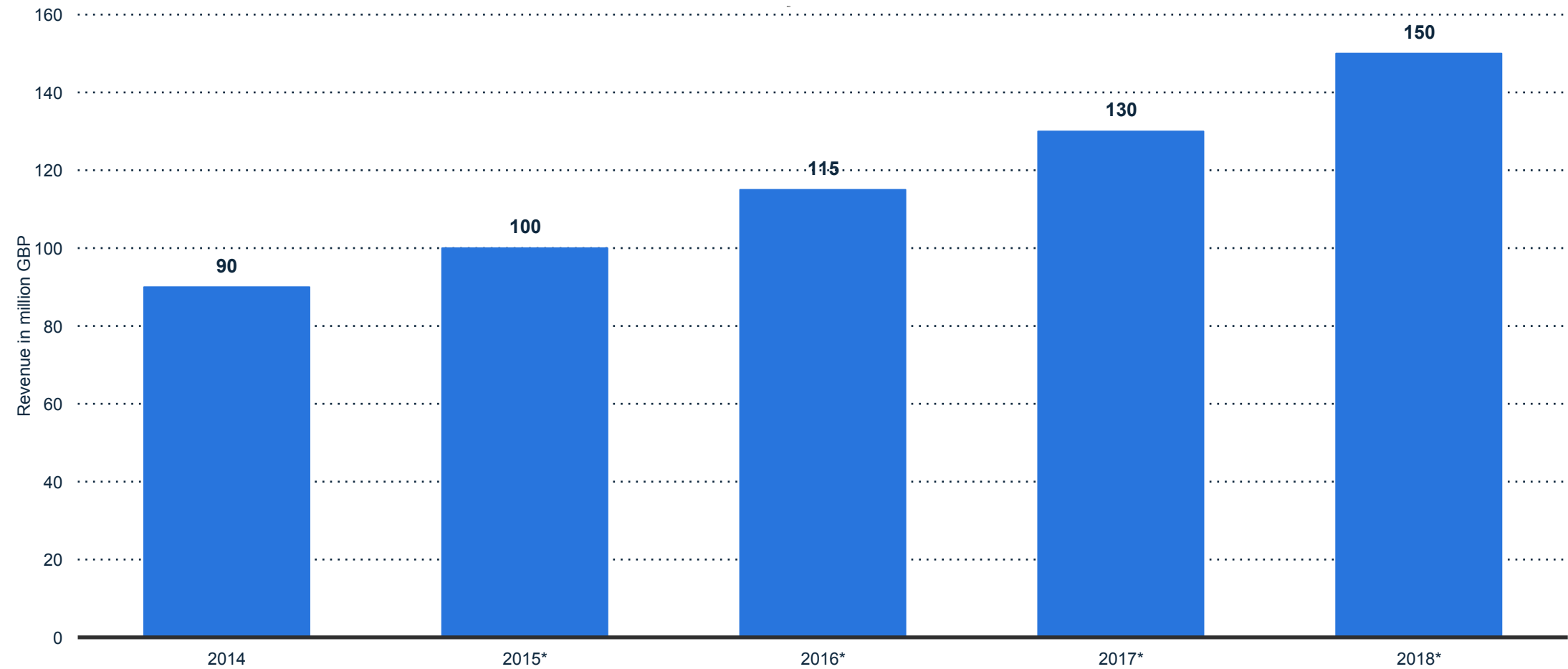
DMO: eHealth heart failure solutions revenue in European countries 2016



Note: Europe; 2016*
Further information regarding this statistic can be found on [page 59](#).
Source(s): Statista (Digital Market Outlook); [ID 518296](#)

Revenue of the telehealth market in the United Kingdom (UK) from 2014 to 2018* (in million GBP)

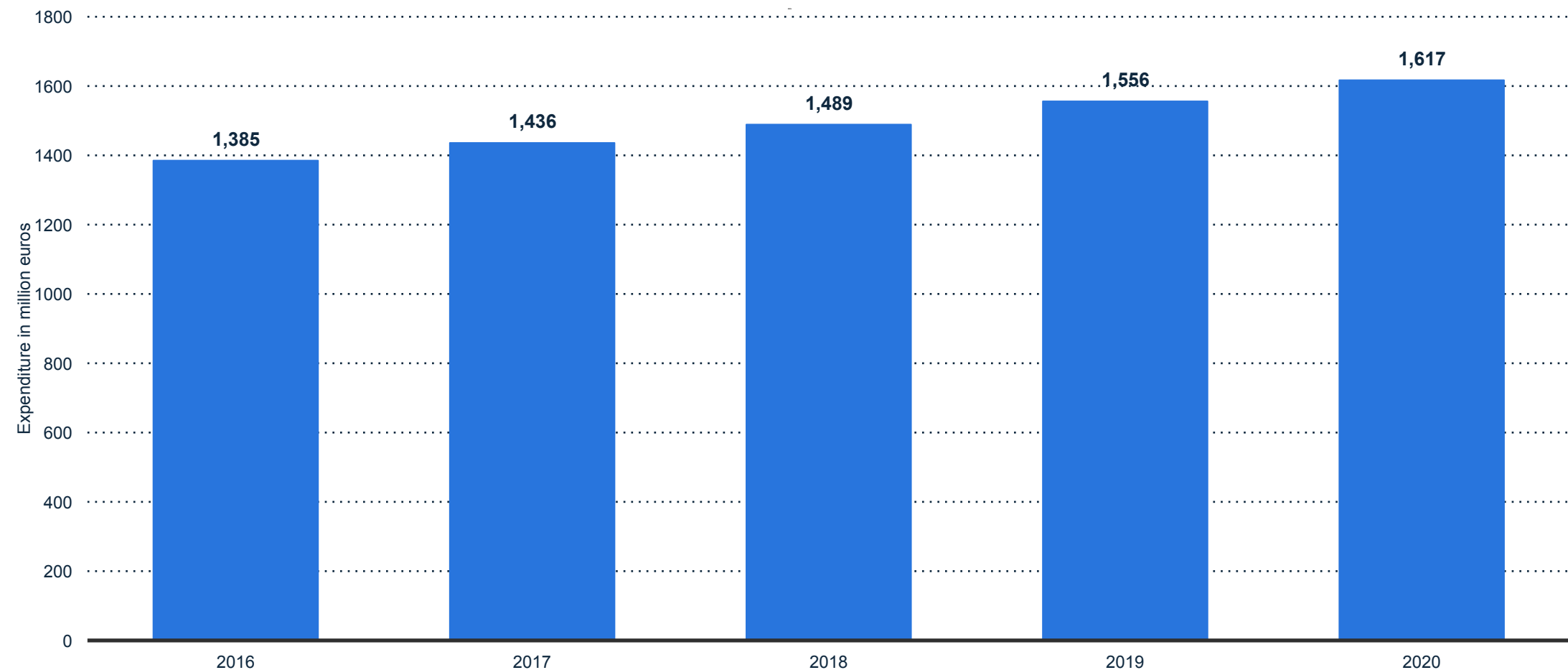
Telehealth market revenue in the United Kingdom (UK) 2014-2018



Note: United Kingdom; 2014 and 2018
Further information regarding this statistic can be found on [page 60](#).
Source(s): Deloitte; European Commission; Frost & Sullivan; [ID 465957](#)

Estimated public expenditure on eHealth in Italy from 2016 to 2020 (in million euros)

Italy: estimated public expenditure on eHealth 2016-2020



Note: Italy; 2016 to 2018
Further information regarding this statistic can be found on [page 61](#).
Source(s): Centro Studi Investimenti Sociali; ImpresaLavoro; [ID 813541](#)



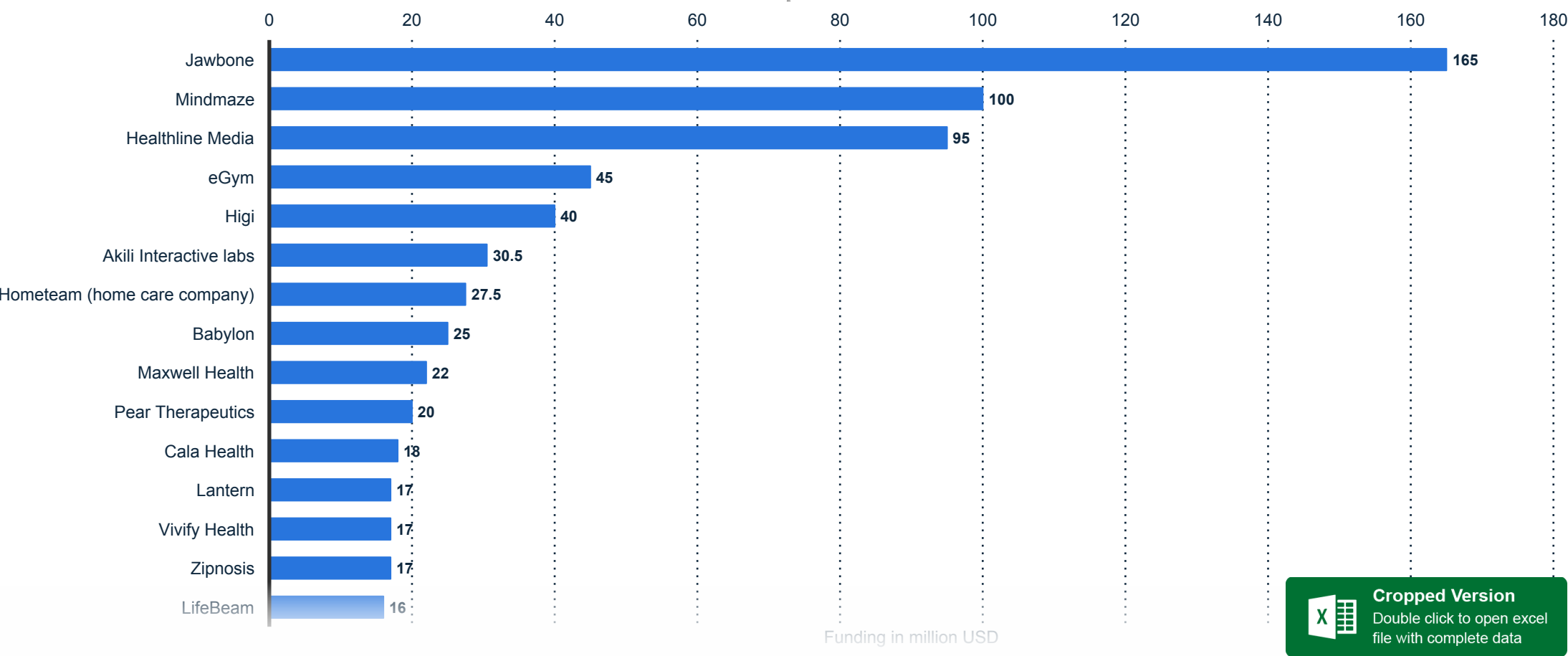
MARKET CONDITIONS

European digital health market



Funding raised by digital health start-ups worldwide in 1st quarter 2016 (in million U.S. dollars)

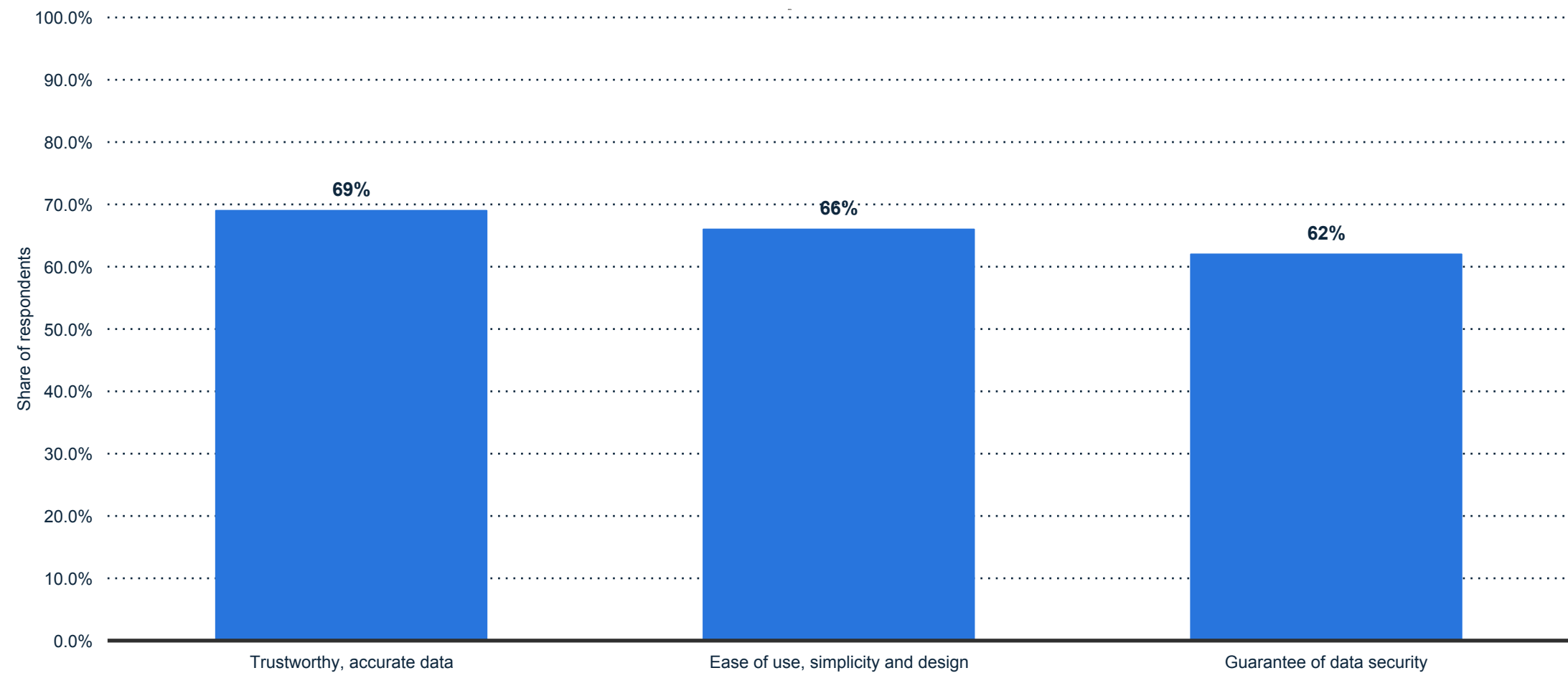
Digital health start-ups that raised funding worldwide in Q1 2016



Note: Worldwide; 1st quarter 2016
Further information regarding this statistic can be found on [page 62](#).
Source(s): MobiHealthNews; [ID 426550](#)

Distribution of factors influencing the use of health apps in the United Kingdom (UK) in 2015

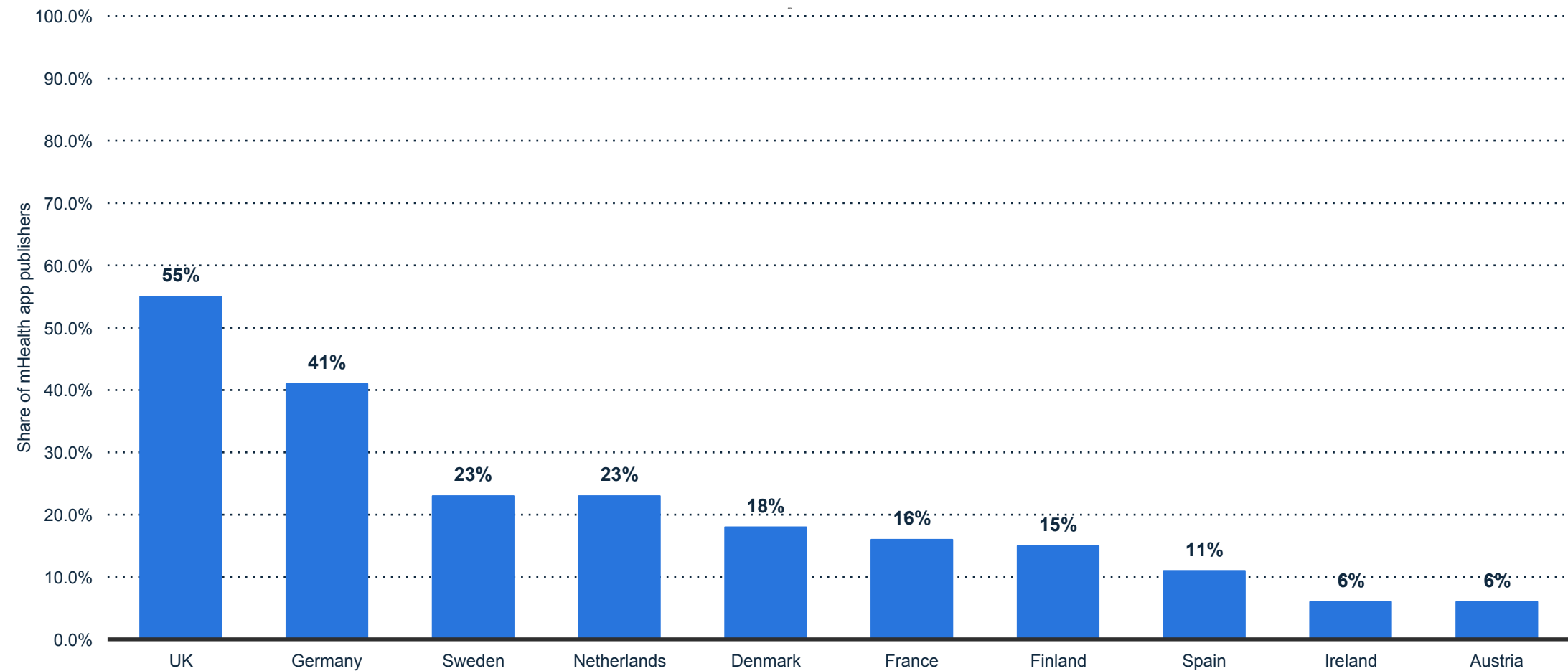
Factors that increase the use of health apps in the United Kingdom (UK)



Note: United Kingdom; 2015
Further information regarding this statistic can be found on [page 63](#).
Source(s): Deloitte; [ID 449875](#)

Leading countries for mHealth app publication* in Europe 2015

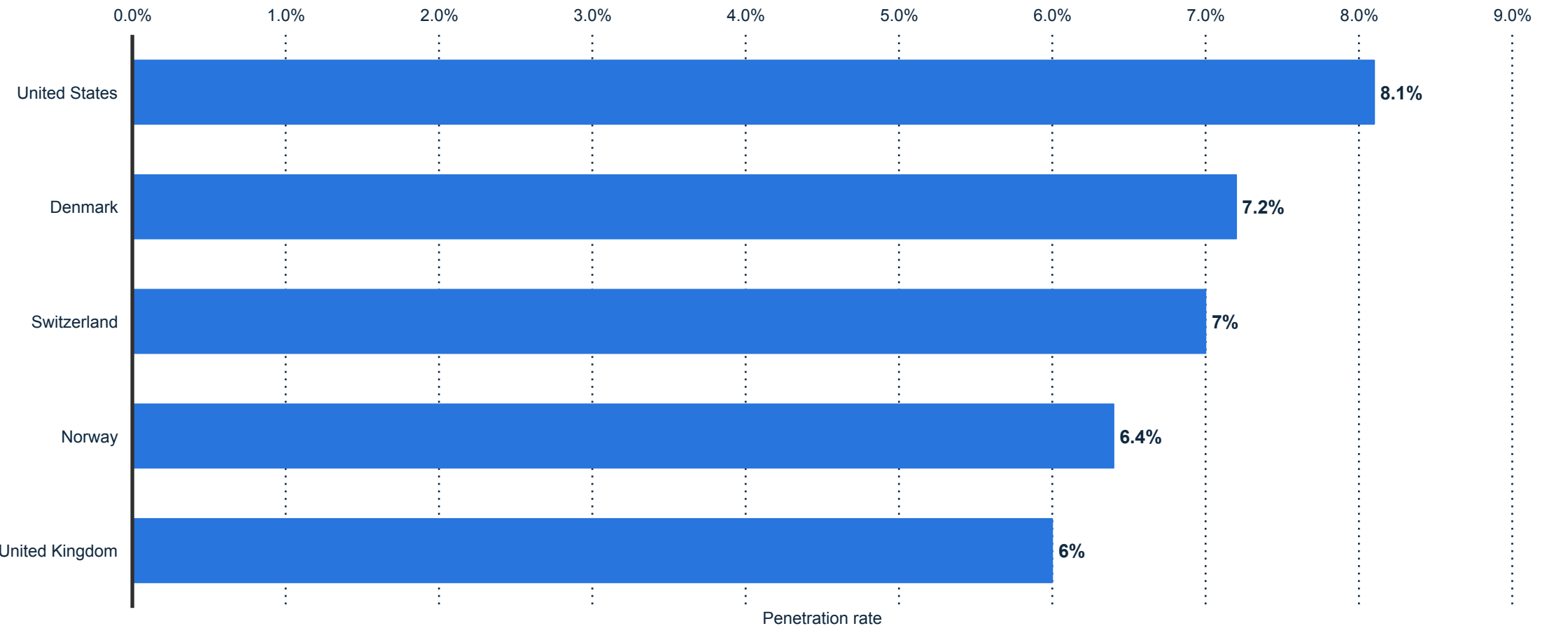
Mobile health app publication: preferred countries in Europe in 2015



Note: Europe; 2015; 4,471; mHealth app publishers and decision makers.
Further information regarding this statistic can be found on [page 64](#).
Source(s): research2guidance; [ID 450187](#)

Usage penetration of eHealth solutions for heart failure in selected countries worldwide in 2017*

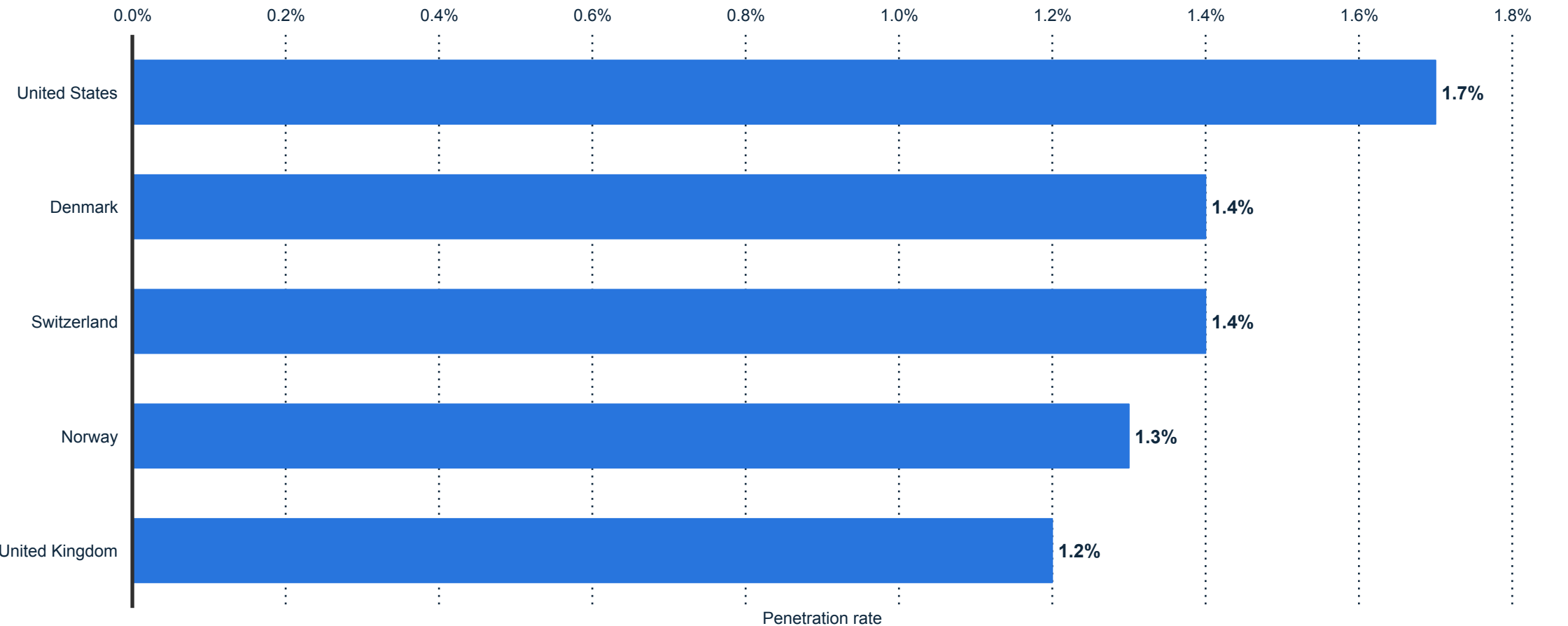
DMO: eHealth heart failure solutions usage penetration in selected countries 2017



Note: Worldwide; 2016
Further information regarding this statistic can be found on [page 65](#).
Source(s): Statista (Digital Market Outlook); [ID 518306](#)

Usage penetration of eHealth solutions for hypertension in selected countries worldwide in 2017

DMO: Health hypertension solutions usage penetration in selected countries 2017



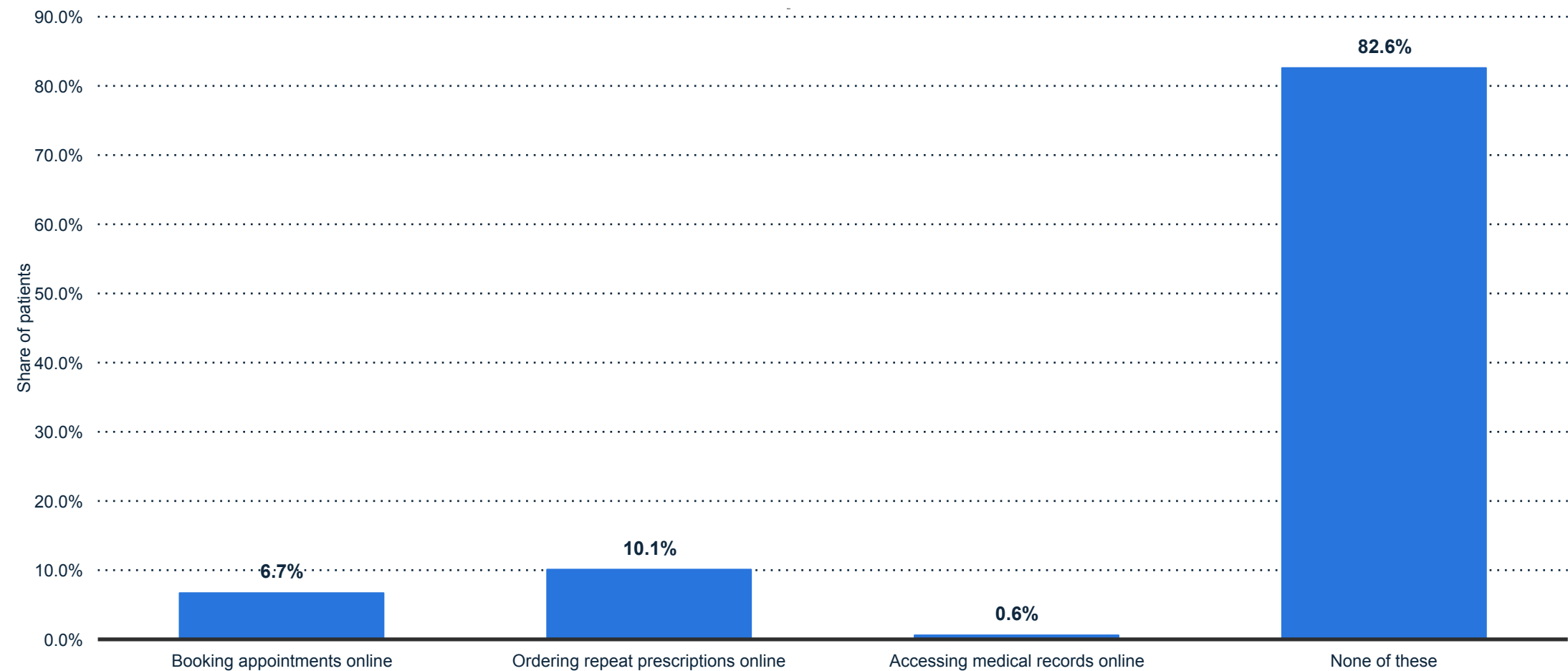
Note: Worldwide; 2015*
Further information regarding this statistic can be found on [page 66](#).
Source(s): Statista (Digital Market Outlook); [ID 518323](#)

MARKET USE

European digital health market

Share of patients using online services provided by general practices in England in 2016

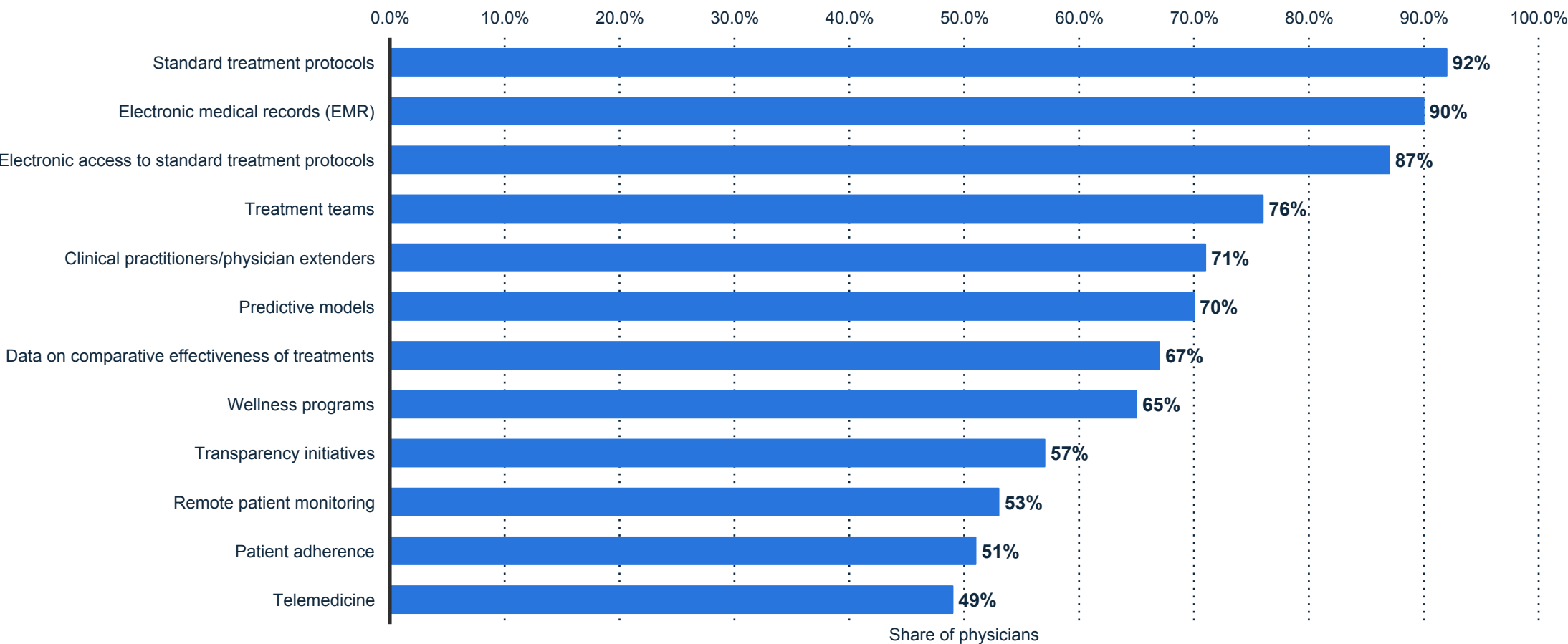
Patients use of online services provided by general practices in England 2016



Note: United Kingdom (England); 2016
Further information regarding this statistic can be found on [page 67](#).
Source(s): NHS; [ID 679148](#)

Share of physicians using clinical tools in Europe in 2016

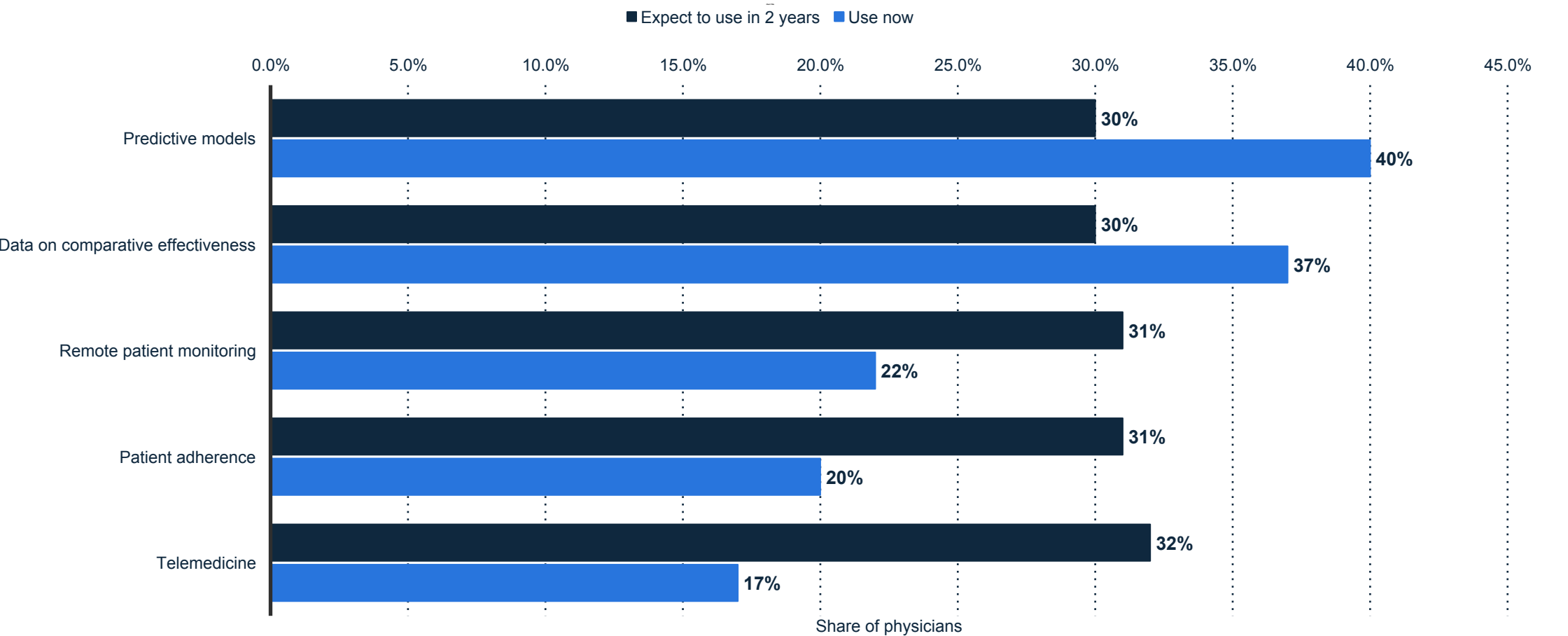
Physicians using clinical tools in Europe 2016



Note: Europe; 2016; 1,191; physicians across nine specialities and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Further information regarding this statistic can be found on [page 68](#).
Source(s): Bain & Company; [ID 695291](#)

Share of physicians currently using or expecting to use new clinical tools in the next two years in Europe in 2016

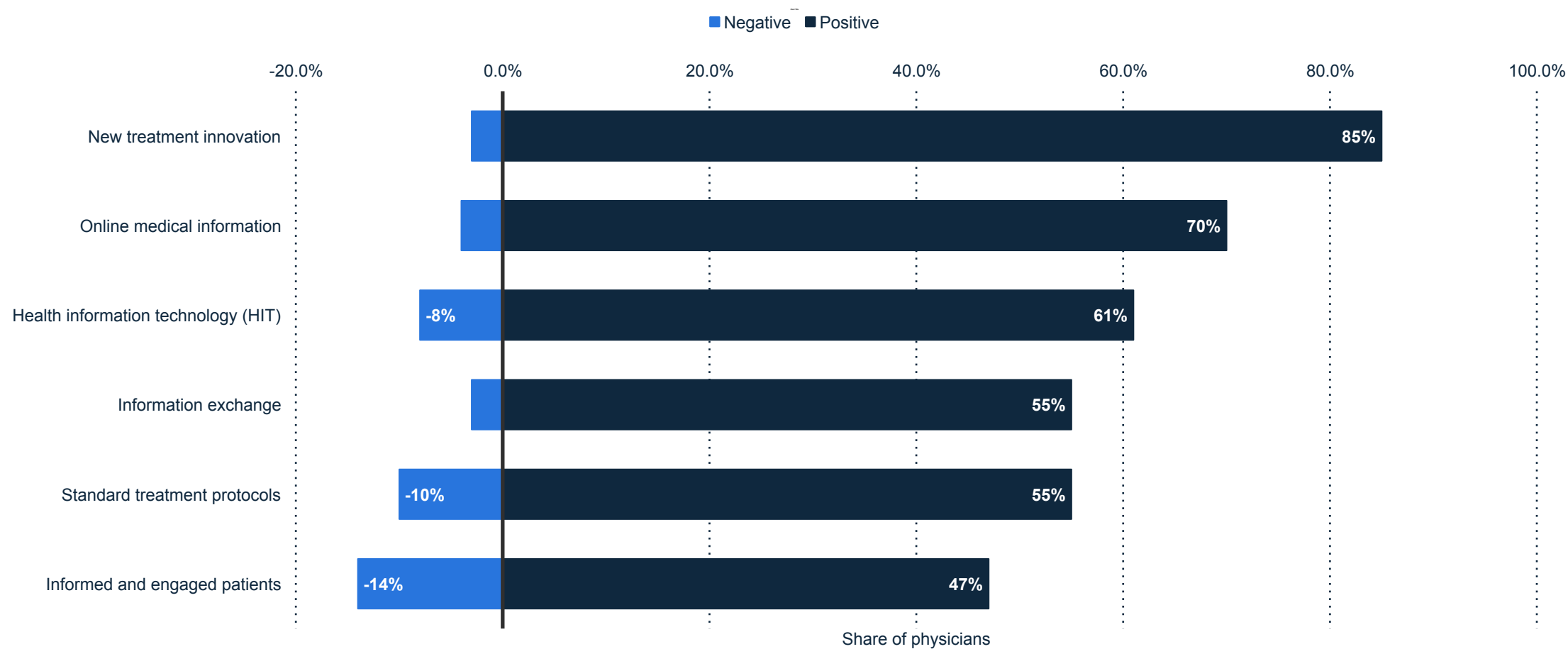
Physicians adopting use of new clinical tools in Europe 2016



Note: Europe; 2016; 1,191; physicians across nine specialties and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Further information regarding this statistic can be found on [page 69](#).
Source(s): Bain & Company; [ID 695348](#)

Response of physicians to the effects of digital solutions on quality of care in Europe in 2016

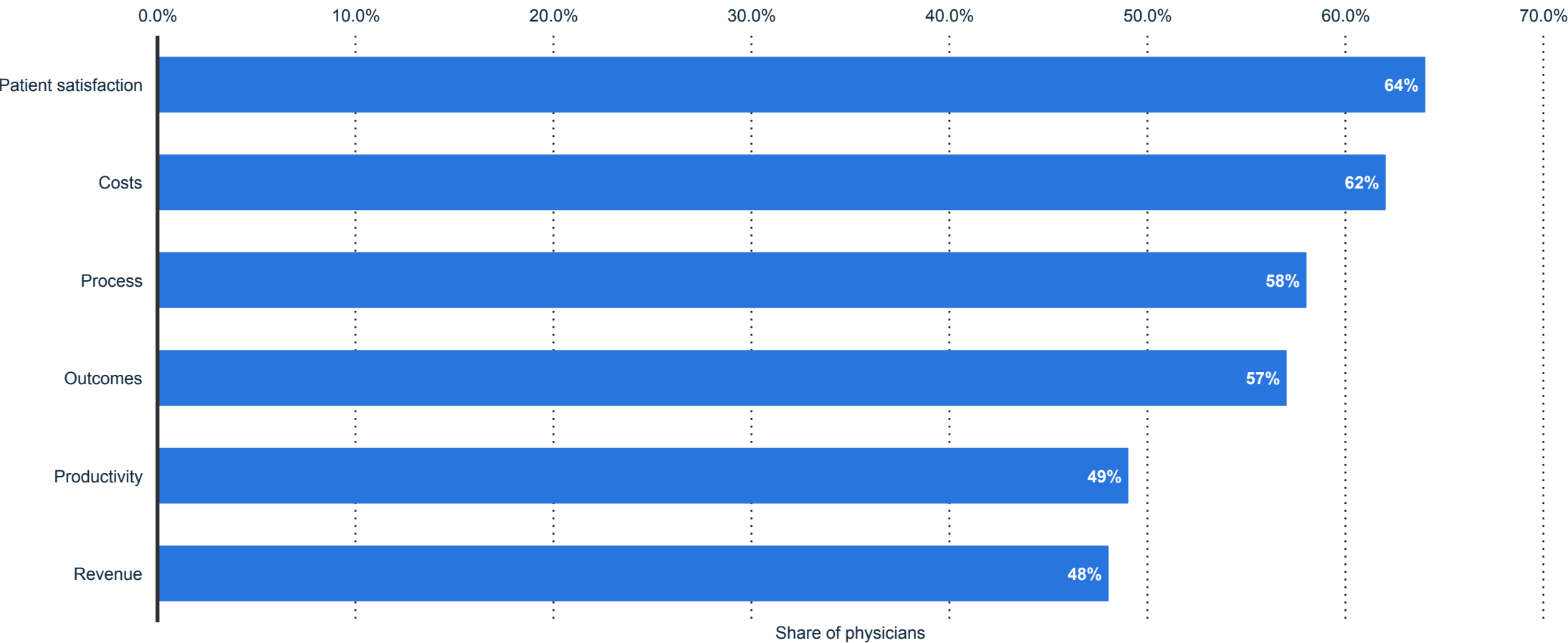
Response of physicians to digital solutions in quality of care in Europe 2016



Note: Europe; 2016; 1,191; physicians across nine specialities and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Further information regarding this statistic can be found on [page 70](#).
Source(s): Bain & Company; [ID 695363](#)

Share of physicians collecting or using metrics to track performance in Europe in 2016

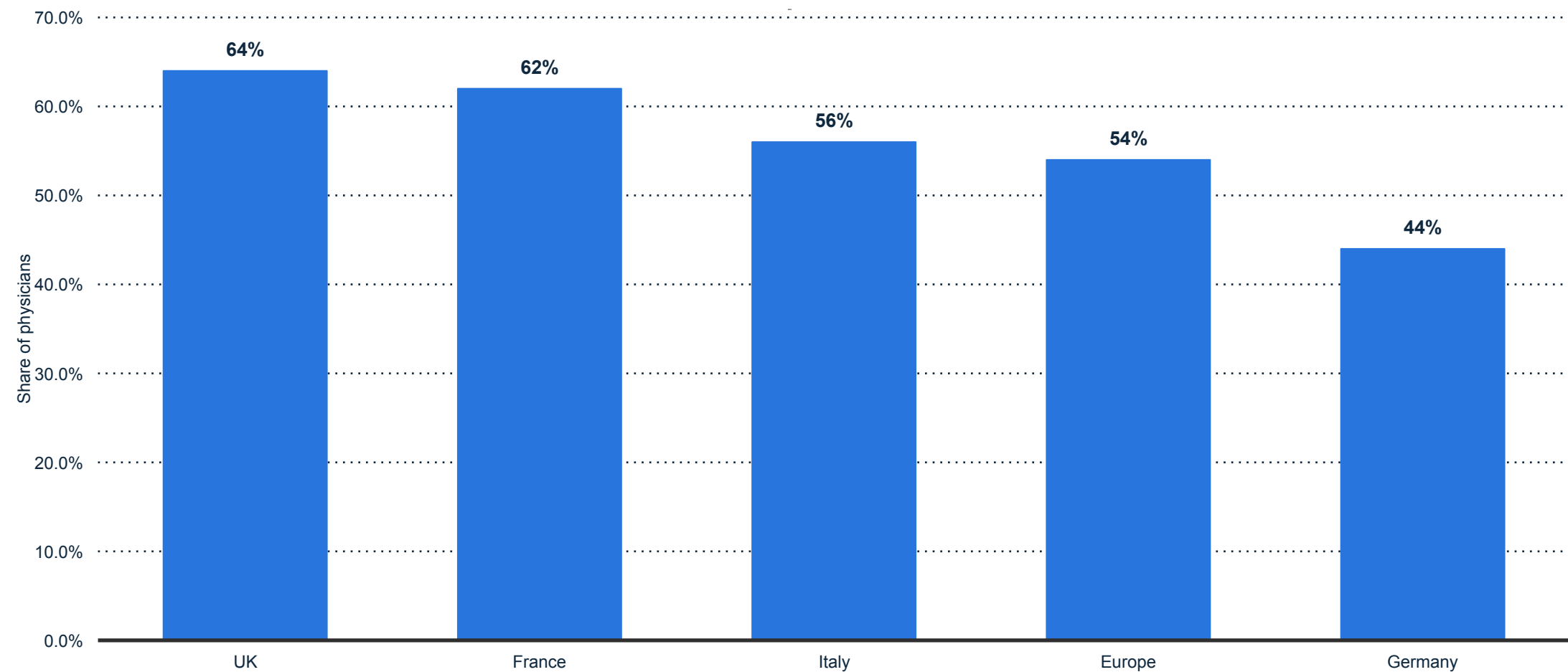
Physicians collecting or using metrics to track performance in Europe 2016



Note: Europe; 2016; 1,191; physicians across nine specialties and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Further information regarding this statistic can be found on [page 71](#).
Source(s): Bain & Company; [ID 695376](#)

Share of physicians who feel responsible for controlling healthcare costs in Europe in 2016

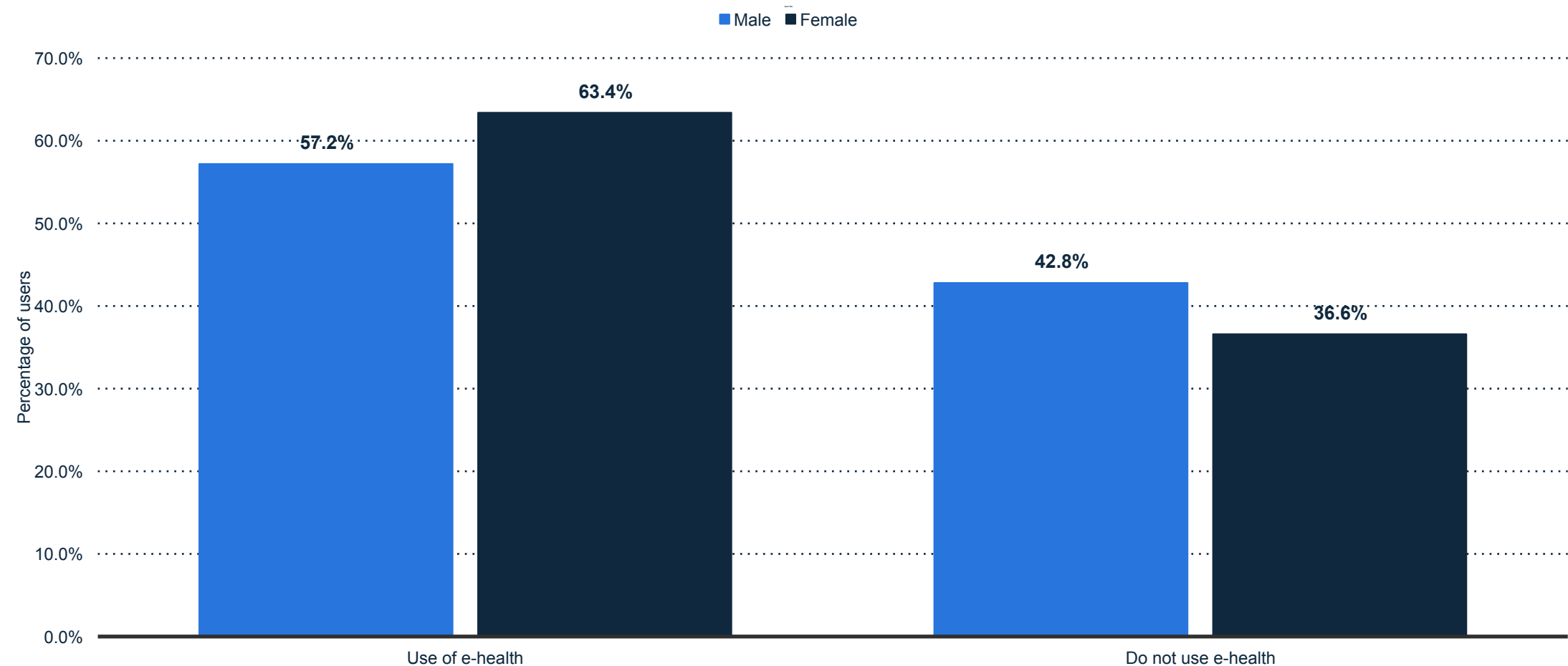
Physicians control of healthcare costs in Europe 2016



Note: Europe; 2016; 1,191; physicians across nine specialities and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Further information regarding this statistic can be found on [page 72](#).
Source(s): Bain & Company; [ID 695441](#)

Distribution share of Internet users that used or not any kind of e-health service in Spain in 2016, by gender

Distribution of users according to the use of e-Health in Spain in 2016, by gender



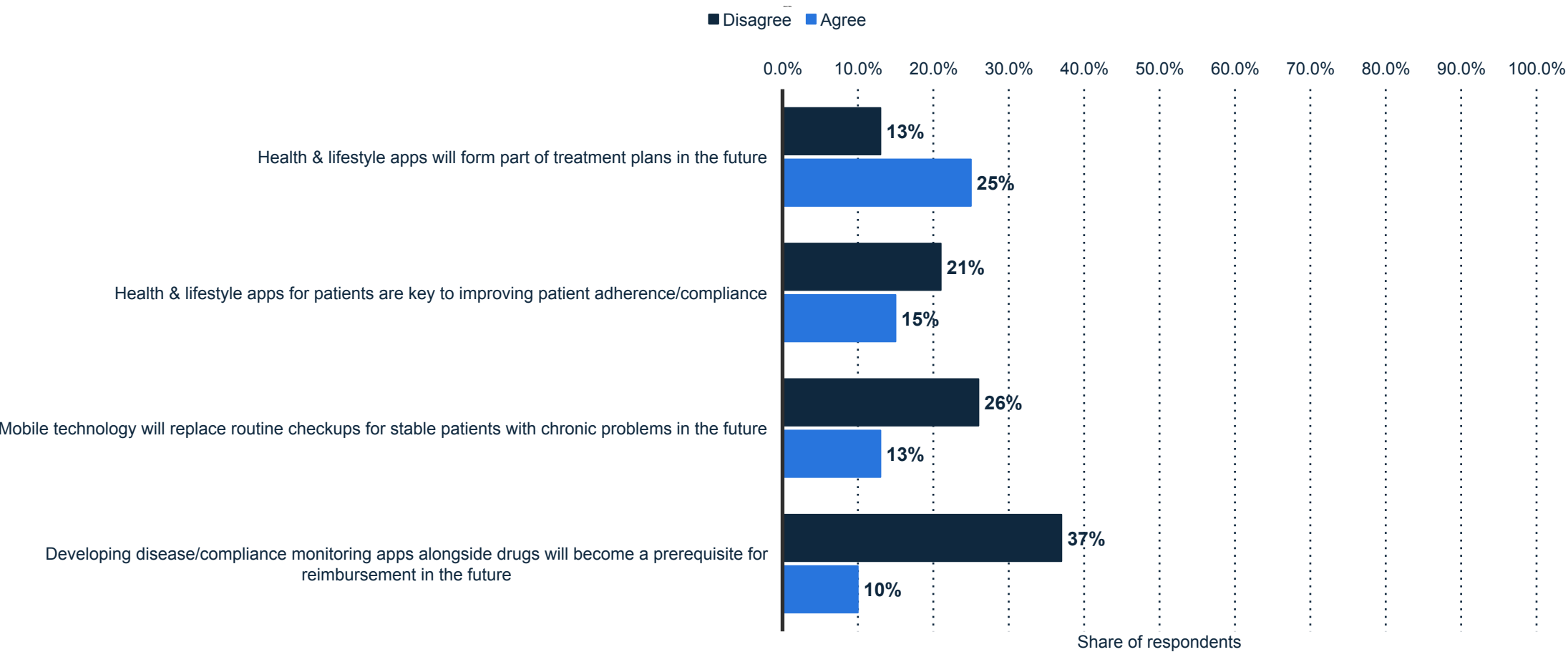
Note: Spain; April 2016; 16 years or older; 5,000
Further information regarding this statistic can be found on [page 73](#).
Source(s): Red.es; INE (Spain); [ID 774250](#)

TRENDS

European digital health market

Attitudes toward mobile health technology among primary care physicians in France, Germany and the United Kingdom (UK) in 2nd quarter 2015

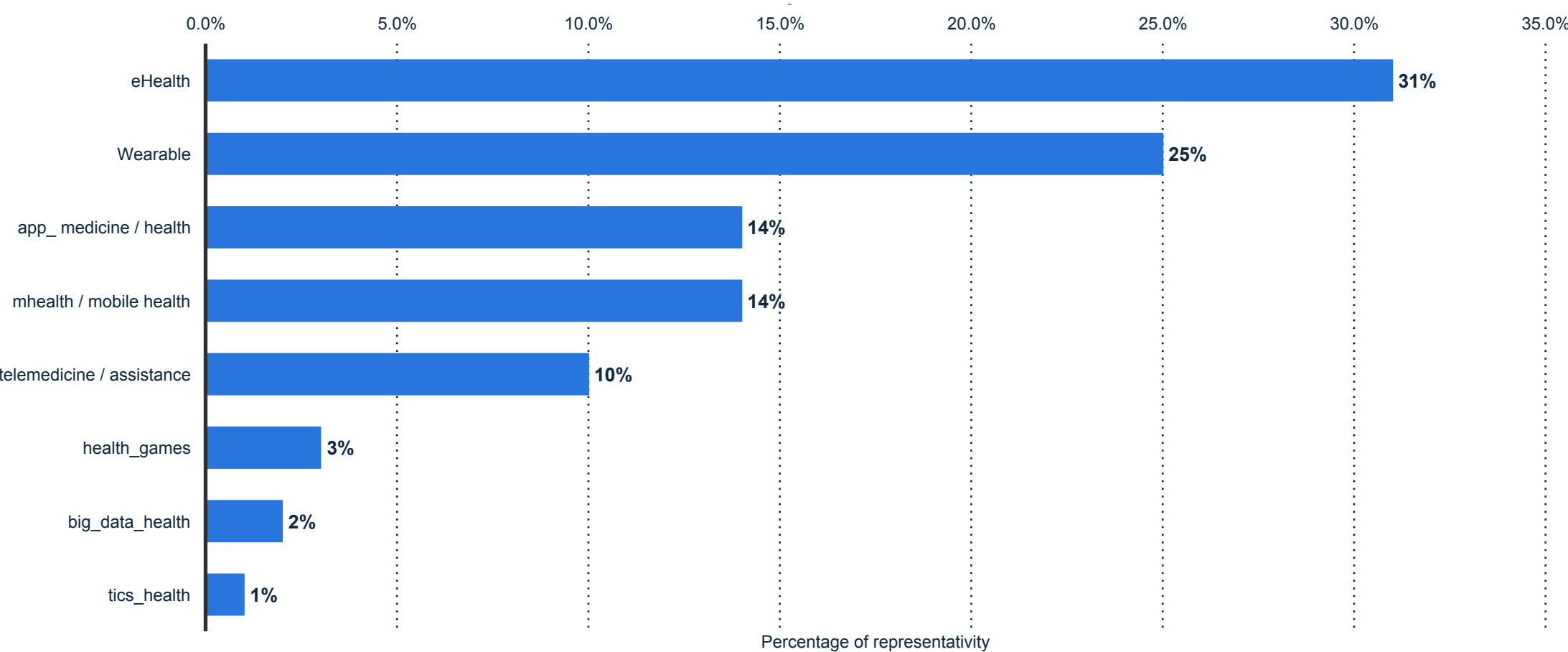
Digital healthcare attitudes among physicians in Europe 2015



Note: France, Germany, United Kingdom; 2nd quarter 2015
Further information regarding this statistic can be found on [page 74](#).
Source(s): Ipsos; [ID 453171](#)

Distribution share of the trending topics in conversations about eHealth in Twitter in Spain in 2015

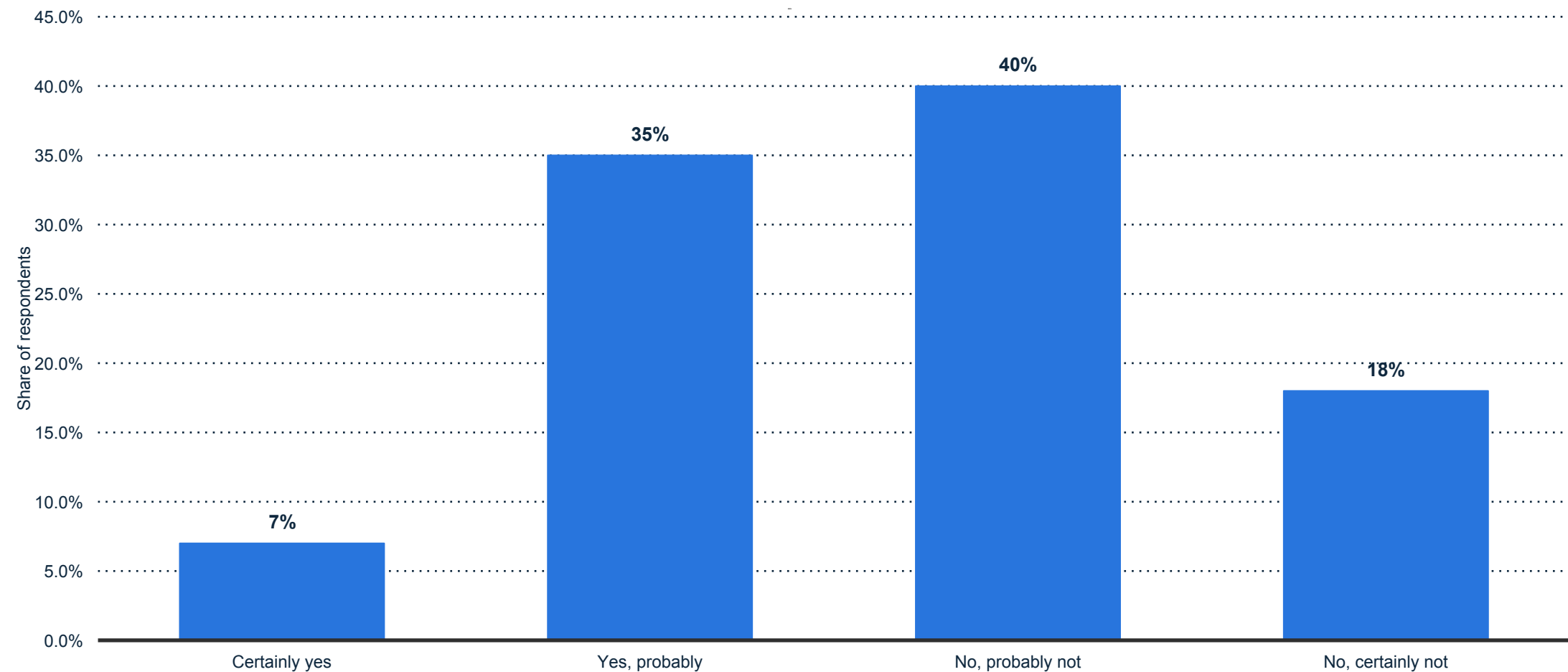
Top eHealth topics in the social network Twitter in Spain 2015



Note: Spain; February to April 2015; 67,202 tweets published by 25,067 accounts
Further information regarding this statistic can be found on [page 75](#).
Source(s): IIC; [ID 775618](#)

Would you be willing to have a consultation with a doctor on the Internet?

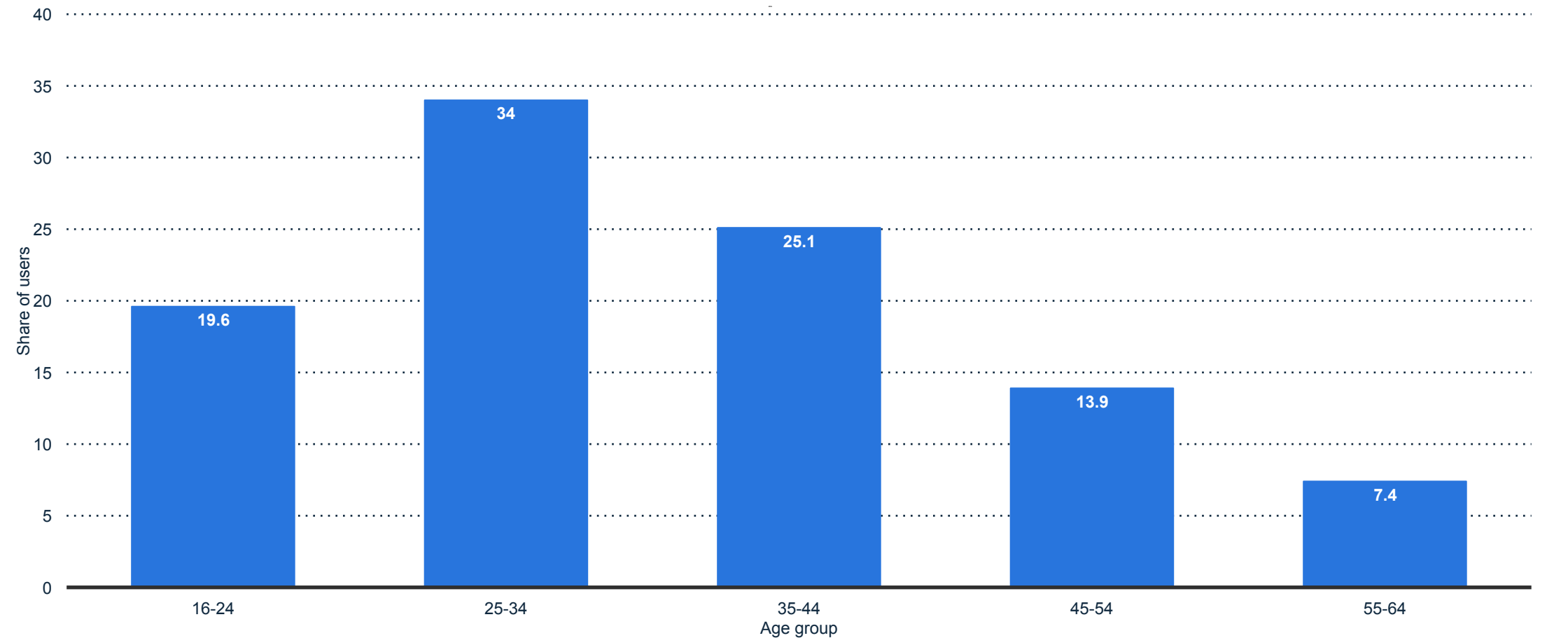
Teleconsultation: French disposition to consult a doctor via the Internet 2017



Note: France; April 20 - 24, 2017; 18 years old and over; 1,000
Further information regarding this statistic can be found on [page 76](#).
Source(s): BVA; Zava; [ID 766179](#)

Distribution of users in the eHealth fitness segment in the United Kingdom (UK) in 2017, by age*

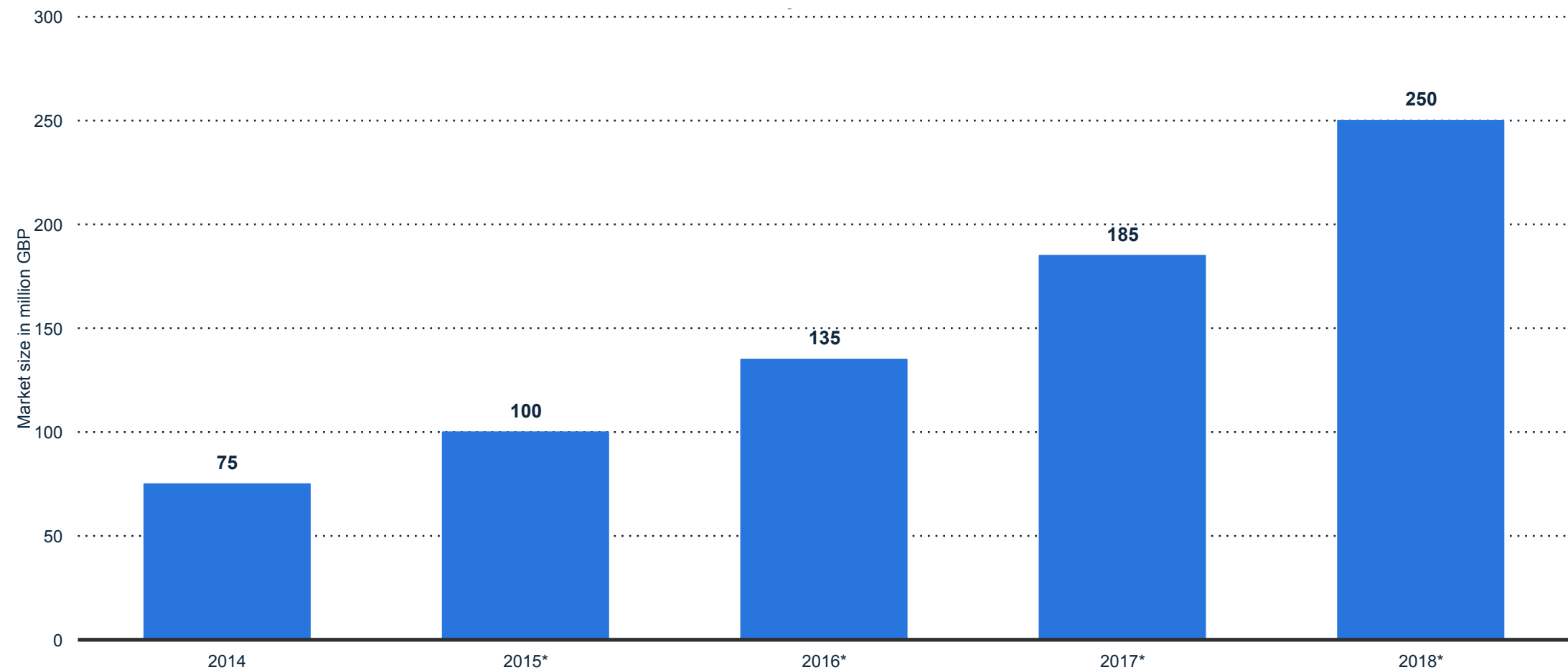
DMO: eHealth fitness users in the UK 2017, by age group



Note: United Kingdom; 2017; 16-64 years
Further information regarding this statistic can be found on [page 77](#).
Source(s): Statista (Digital Market Outlook); [ID 517132](#)

Size of the United Kingdom's mHealth application market from 2014 to 2018 (in million GBP)

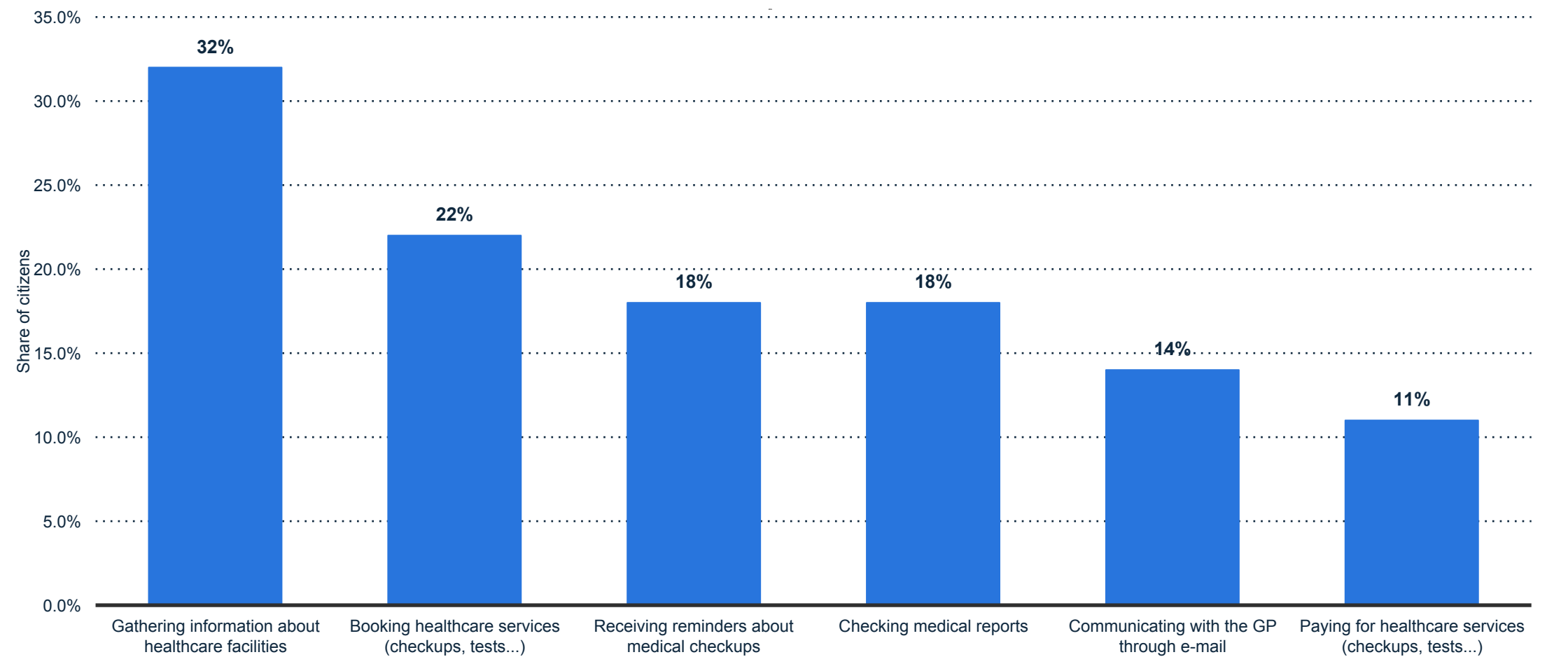
Size of the United Kingdom's mHealth application market from 2014 to 2018



Note: United Kingdom; 2014
Further information regarding this statistic can be found on [page 78](#).
Source(s): Deloitte; BCC Research; GSMA ; A.T. Kearney; [ID 469041](#)

Share of citizens using healthcare digital services in Italy as of May 2017, by type of service

Italy: share of citizens using healthcare digital services 2017, by type



Note: Italy; 2017
Further information regarding this statistic can be found on [page 79](#).
Source(s): Osservatori Digital Innovation; [ID 806123](#)

REFERENCES

European digital health market

Usage penetration of eHealth products for fitness in European countries worldwide in 2018

DMO: eHealth fitness products usage penetration in European countries 2018

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2017*
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	June 2018
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Fitness segment contains the user and revenue development of two product categories: (1) portable, connected fitness devices ("Wearables") and (2) digital fitness and nutrition applications for use with a smartphone and/or tablet ("Apps"). The "Wearables" segment includes devices that are explicitly intended for fitness. In particular, fitness wristwear which is equipped with sensors and activity trackers that measure and analyze the physical activity and body functions of the wearer (e.g. number of steps taken, movement, pulse and temperature). Well-known examples of fitness wearables are the fitness bands from fitbit, Jawbone, the Chinese manufacturer Xiaomi, and the Nike Fuelband. Smartwatches are not considered here as dedicated fitness equipment; therefore they are excluded from the market segment. However, in the future it is expected that there will be an increasing convergence of smartwatches and fitness bands. Further information on methodology can be found here.

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Usage penetration of eHealth solutions for hypertension in selected European countries in 2016

DMO: Health hypertension solutions usage penetration in European countries 2016

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2016*
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	February 2016
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Hypertension segment covers the user and revenue development for three eHealth product categories for people with hypertension: (1) connected medical devices designed for hypertension patients to use at home ("Smart Devices"), (2) digital hypertension applications for smartphone and/or tablets ("Apps") and (3) telemedical services for hypertension patients ("Telemedical Services"). Hardware and software solutions for healthcare professionals, e.g. medical equipment for hospitals and doctors' surgeries are not included. The "Smart Devices" segment covers medical hypertension devices (hardware) which are equipped with dedicated interfaces or SIM cards that serve to transmit measurement data across a wireless connection (e.g. via mobile networks, WiFi, bluetooth, M2M technologies, NFC, BLE). For example, connected blood pressure monitors like the iHealth Wireless Blood Pressure Monitor or the Bluetooth Blood Pressure Monitor by Omron, which may send measurement data to a smartphone to be synchronized with an app. If there is an increased monitoring need, the data can also be sent to a telemedical service center. Depending on the measuring system, additional hardware revenues can fall under this market segment if additional reading or transmitting devices are implemented. Further information on methodology can be found here.

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Number of countries with a national eHealth policy or strategy in Europe in 2005, 2009 and 2015

European countries with a national eHealth policy or strategy in 2005, 2009 and 2015

Source and methodology information

Source(s)	WHO
Conducted by	WHO
Survey period	2015
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	WHO
Publication date	March 2016
Original source	From Innovation to implementation eHealth in the WHO European Region, page 8
Website URL	visit the website

Notes:

Date of publication unknown. Number of countries included per year: 2005: 26 countries. 2009: 36 countries. 2015: 43 countries.

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Share of funding available for eHealth programmes in Europe in 2015, by World Bank gross national income per capita groupings

Funding available for eHealth programmes, by World Bank gross national income in 2015

Source and methodology information

Source(s)	WHO
Conducted by	WHO
Survey period	2015
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	WHO
Publication date	March 2016
Original source	From Innovation to implementation eHealth in the WHO European Region, page 12
Website URL	visit the website

Notes:

Date of publication unknown.

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Share of funding available for eHealth programmes in Europe Union 28 countries in 2015

Funding available for eHealth programmes in the European Union 28 countries in 2015

Source and methodology information

Source(s)	WHO
Conducted by	WHO
Survey period	2015
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	WHO
Publication date	March 2016
Original source	From Innovation to implementation eHealth in the WHO European Region, page 12
Website URL	visit the website

Notes:

Date of publication unknown.

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Share of trends in funding available for eHealth programmes in Europe in 2005, 2009 and 2015

Trends in funding available for eHealth programmes in Europe 2005, 2009 and 2015

Source and methodology information

Source(s)	WHO
Conducted by	WHO
Survey period	2005, 2009 and 2015
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	WHO
Publication date	March 2016
Original source	From Innovation to implementation eHealth in the WHO European Region, page 12
Website URL	visit the website

Notes:

Date of publication unknown.

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Share of member states addressing multilingualism in health in Europe in 2005, 2009 and 2015

Trends in policy addressing multilingualism in health in Europe 2005, 2009 and 2015

Source and methodology information

Source(s)	WHO
Conducted by	WHO
Survey period	2005, 2009 and 2015
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	WHO
Publication date	March 2016
Original source	From Innovation to implementation eHealth in the WHO European Region, page 15
Website URL	visit the website

Notes:

Date of publication unknown. Number of countries included: 2005: 42 countries. 2009: 42 countries 2015: 35 countries.

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eHealth revenue in selected European countries in 2018 (in million U.S. dollars)

Digital Market Outlook: eHealth revenue in European countries 2018

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2018*
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	June 2018
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The eHealth market contains user and revenue developments in four market segments: fitness, diabetes, hypertension and heart failure. These are selected, relevant health areas that do not represent the eHealth market in its entirety. An extension of the Digital Market Outlook with additional eHealth segments is planned. Included in the segments are the users of, and revenues generated from, pay-to-use apps (paid app downloads, premium versions and in-app purchases), for connected medical and fitness devices for use at home and, where applicable, for telemedical services relating to remote patient monitoring. Hardware and software solutions for healthcare professionals, e.g. medical equipment for hospitals and doctors' surgeries are not included. The term 'connected device' applies when equipment has dedicated interfaces or a SIM card that serve to transmit measurement data across a wireless connection (e.g. via mobile networks, WiFi, bluetooth, M2M technologies, NFC, BLE). Further information on methodology can be found [here](#).

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Revenue of the eHealth fitness segment in European countries in 2018 (in million U.S. dollars)

Digital Market Outlook: eHealth fitness revenue in European countries 2018

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2018*
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	June 2018
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Fitness segment contains the user and revenue development of two product categories: (1) portable, connected fitness devices ("Wearables") and (2) digital fitness and nutrition applications for use with a smartphone and/or tablet ("Apps"). The "Wearables" segment includes devices that are explicitly intended for fitness. In particular, fitness wristwear which is equipped with sensors and activity trackers that measure and analyze the physical activity and body functions of the wearer (e.g. number of steps taken, movement, pulse and temperature). Well-known examples of fitness wearables are the fitness bands from fitbit, Jawbone, the Chinese manufacturer Xiaomi, and the Nike Fuelband. Smartwatches are not considered here as dedicated fitness equipment; therefore they are excluded from the market segment. However, in the future it is expected that there will be an increasing convergence of smartwatches and fitness bands. Further information on methodology can be found here.

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Share of digital health startups revenues in the European Union in 2016

Revenue of digital health startups in the European Union in 2016

Source and methodology information

Source(s)	eHealth Hub
Conducted by	eHealth Hub
Survey period	2016
Region(s)	Europe
Number of respondents	300
Age group	<i>n.a.</i>
Special characteristics	European digital health SMEs
Published by	eHealth Hub
Publication date	March 2017
Original source	eHealth Hub SME Survey
Website URL	visit the website

Notes:

n.a.

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Revenue of eHealth solutions for diabetes in selected European countries in 2016 (in million U.S. dollars)

DMO: eHealth solutions for diabetes revenue in European countries 2016

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2016*
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	February 2016
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Diabetes segment includes the user and revenue development for three eHealth product categories for people with diabetes: (1) connected medical devices designed for diabetes patients to use at home (Smart Devices), (2) digital diabetes applications for smartphone and/or tablets (Apps) and (3) telemedical services for diabetes patients (Telemedical Services). Hardware and software solutions for healthcare professionals, e.g. medical equipment for hospitals and doctors' surgeries are not included. The Smart Devices segment covers medical diabetes devices (hardware) which are equipped with dedicated interfaces or SIM cards that serve to transmit measurement data across a wireless connection (e.g. via mobile networks, WiFi, bluetooth, M2M technologies, NFC, BLE). For example, connected glucose meters, systems for continuous glucose monitoring (CGMs) or connected insulin injection devices (e.g. Telcare, Freestyle Libre from Abbott or the MiniMed Veo Insulin Pump from Medtronic). The measurement data can be sent to a smartphone and be synchronized with an app or, when there is an increased need for monitoring, the data can also be sent to a telemedical service center. Depending on the measuring system, additional hardware revenues can fall under this market segment if additional reading or transmitting devices are implemented. Further information on methodology can be found here.

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Revenue of eHealth solutions for hypertension in European countries in 2016 (in million U.S. dollars)

DMO: eHealth hypertension solutions revenue in European countries 2016

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2016*
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	February 2016
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Hypertension segment covers the user and revenue development for three eHealth product categories for people with hypertension: (1) connected medical devices designed for hypertension patients to use at home ("Smart Devices"), (2) digital hypertension applications for smartphone and/or tablets ("Apps") and (3) telemedical services for hypertension patients ("Telemedical Services"). Hardware and software solutions for healthcare professionals, e.g. medical equipment for hospitals and doctors' surgeries are not included. The "Smart Devices" segment covers medical hypertension devices (hardware) which are equipped with dedicated interfaces or SIM cards that serve to transmit measurement data across a wireless connection (e.g. via mobile networks, WiFi, bluetooth, M2M technologies, NFC, BLE). For example, connected blood pressure monitors like the iHealth Wireless Blood Pressure Monitor or the Bluetooth Blood Pressure Monitor by Omron, which may send measurement data to a smartphone to be synchronized with an app. If there is an increased monitoring need, the data can also be sent to a telemedical service center. Depending on the measuring system, additional hardware revenues can fall under this market segment if additional reading or transmitting devices are implemented. Further information on methodology can be found here.

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Revenue of the eHealth hypertension solutions segment in selected countries worldwide in 2017 (in million U.S. dollars)

DMO: eHealth hypertension solutions revenue in selected countries 2017

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2016*
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	December 2016
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Hypertension segment covers the user and revenue development for three eHealth product categories for people with hypertension: (1) connected medical devices designed for hypertension patients to use at home ("Smart Devices"), (2) digital hypertension applications for smartphone and/or tablets ("Apps") and (3) telemedical services for hypertension patients ("Telemedical Services"). Hardware and software solutions for healthcare professionals, e.g. medical equipment for hospitals and doctors' surgeries are not included. The "Smart Devices" segment covers medical hypertension devices (hardware) which are equipped with dedicated interfaces or SIM cards that serve to transmit measurement data across a wireless connection (e.g. via mobile networks, WiFi, bluetooth, M2M technologies, NFC, BLE). For example, connected blood pressure monitors like the iHealth Wireless Blood Pressure Monitor or the Bluetooth Blood Pressure Monitor by Omron, which may send measurement data to a smartphone to be synchronized with an app. If there is an increased monitoring need, the data can also be sent to a telemedical service center. Depending on the measuring system, additional hardware revenues can fall under this market segment if additional reading or transmitting devices are implemented. Further information on methodology can be found here.

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Revenue of the eHealth heart failure solutions segment in European countries in 2016 (in million U.S. dollars)

DMO: eHealth heart failure solutions revenue in European countries 2016

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2016*
Region(s)	Europe
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	February 2016
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Heart failure segment covers the user and revenue development for three eHealth product categories for people with chronic heart failure: (1) connected medical devices for heart failure patients ("Smart Devices"), (2) digital heart tracking applications for smartphone and/or tablets ("Apps") and (3) telemedical services for heart failure patients ("Telemedical Services"). Hardware and software solutions for healthcare professionals, e.g. medical equipment for hospitals and doctors' surgeries are not included. The "Smart Devices" segment covers medical devices (hardware) for people who suffer from chronic heart failure which are equipped with dedicated interfaces or SIM cards that serve to transmit measurement data across a wireless connection (e.g. via mobile networks, WiFi, bluetooth, M2M technologies, NFC, BLE). In the context of heart failure therapy there are various devices that can be used, for example, cardiac implants (ICD, CRT, CRT-D devices), connected weighing scales, Tele-ECG-cards, and (implantable) ECG recorders. The selection of suitable equipment is dependent on the individual health status of the patient, the severity of the heart failure and the presence of other conditions (e.g. the combination of both severe heart failure and cardiac arrhythmias). Depending on the measuring system, additional hardware revenues can fall under this market segment if additional reading or transmitting devices are implemented. Connected devices for heart patients are often used in combination with a telemedical monitoring service. Further information on methodology can be found here.

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Revenue of the telehealth market in the United Kingdom (UK) from 2014 to 2018* (in million GBP)

Telehealth market revenue in the United Kingdom (UK) 2014-2018

Source and methodology information

Source(s)	Deloitte; European Commission; Frost & Sullivan
Conducted by	Deloitte; Frost & Sullivan; European Commission
Survey period	2014 and 2018
Region(s)	United Kingdom
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	UK Department of Health
Publication date	September 2015
Original source	Digital Health in the UK, page 20
Website URL	visit the website

Notes:

* Data for 2015 to 2018 is forecast

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Estimated public expenditure on eHealth in Italy from 2016 to 2020 (in million euros)

Italy: estimated public expenditure on eHealth 2016-2020

Source and methodology information

Source(s)	Centro Studi Investimenti Sociali; ImpresaLavoro
Conducted by	Centro Studi Investimenti Sociali; ImpresaLavoro
Survey period	2016 to 2018
Region(s)	Italy
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Il Sole 24 Ore
Publication date	July 2017
Original source	Le condizioni per lo sviluppo della Sanità Digitale: scenari Italia-UE a confronto, page 18
Website URL	visit the website

Notes:

n.a.

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Funding raised by digital health start-ups worldwide in 1st quarter 2016 (in million U.S. dollars)

Digital health start-ups that raised funding worldwide in Q1 2016

Source and methodology information

Source(s)	MobiHealthNews
Conducted by	MobiHealthNews
Survey period	1st quarter 2016
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	MobiHealthNews
Publication date	April 2016
Original source	mobihealthnews.com
Website URL	visit the website

Notes:

n.a.

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Distribution of factors influencing the use of health apps in the United Kingdom (UK) in 2015

Factors that increase the use of health apps in the United Kingdom (UK)

Source and methodology information

Source(s)	Deloitte
Conducted by	Deloitte
Survey period	2015
Region(s)	United Kingdom
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Deloitte
Publication date	April 2015
Original source	Connected Health: How digital technology is transforming health and social care, page 3
Website URL	visit the website

Notes:

n.a.

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Leading countries for mHealth app publication* in Europe 2015

Mobile health app publication: preferred countries in Europe in 2015

Source and methodology information

Source(s)	research2guidance
Conducted by	research2guidance
Survey period	2015
Region(s)	Europe
Number of respondents	4,471
Age group	<i>n.a.</i>
Special characteristics	mHealth app publishers and decision makers.
Published by	research2guidance
Publication date	April 2015
Original source	EU Countries' mHealth App Market Ranking 2015, page 12
Website URL	visit the website

Notes:

* mHealth app publishers and decision makers were asked to rank the top three countries in Europe in terms of favorable market conditions for mHealth business. mHealth is an abbreviation for mobile health.

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Usage penetration of eHealth solutions for heart failure in selected countries worldwide in 2017*

DMO: eHealth heart failure solutions usage penetration in selected countries 2017

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2016
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	December 2016
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Heart failure segment covers the user and revenue development for three eHealth product categories for people with chronic heart failure: (1) connected medical devices for heart failure patients ("Smart Devices"), (2) digital heart tracking applications for smartphone and/or tablets ("Apps") and (3) telemedical services for heart failure patients ("Telemedical Services"). Hardware and software solutions for healthcare professionals, e.g. medical equipment for hospitals and doctors' surgeries are not included. The "Smart Devices" segment covers medical devices (hardware) for people who suffer from chronic heart failure which are equipped with dedicated interfaces or SIM cards that serve to transmit measurement data across a wireless connection (e.g. via mobile networks, WiFi, bluetooth, M2M technologies, NFC, BLE). In the context of heart failure therapy there are various devices that can be used, for example, cardiac implants (ICD, CRT, CRT-D devices), connected weighing scales, Tele-ECG-cards, and (implantable) ECG recorders. The selection of suitable equipment is dependent on the individual health status of the patient, the severity of the heart failure and the presence of other conditions (e.g. the combination of both severe heart failure and cardiac arrhythmias). Depending on the measuring system, additional hardware revenues can fall under this market segment if additional reading or transmitting devices are implemented. Connected devices for heart patients are often used in combination with a telemedical monitoring service. Further information on methodology can be found here.

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Usage penetration of eHealth solutions for hypertension in selected countries worldwide in 2017

DMO: Health hypertension solutions usage penetration in selected countries 2017

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2015*
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	December 2016
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* Estimate. The Hypertension segment covers the user and revenue development for three eHealth product categories for people with hypertension: (1) connected medical devices designed for hypertension patients to use at home ("Smart Devices"), (2) digital hypertension applications for smartphone and/or tablets ("Apps") and (3) telemedical services for hypertension patients ("Telemedical Services"). Hardware and software solutions for healthcare professionals, e.g. medical equipment for hospitals and doctors' surgeries are not included. The "Smart Devices" segment covers medical hypertension devices (hardware) which are equipped with dedicated interfaces or SIM cards that serve to transmit measurement data across a wireless connection (e.g. via mobile networks, WiFi, bluetooth, M2M technologies, NFC, BLE). For example, connected blood pressure monitors like the iHealth Wireless Blood Pressure Monitor or the Bluetooth Blood Pressure Monitor by Omron, which may send measurement data to a smartphone to be synchronized with an app. If there is an increased monitoring need, the data can also be sent to a telemedical service center. Depending on the measuring system, additional hardware revenues can fall under this market segment if additional reading or transmitting devices are implemented. Further information on methodology can be found here.

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Share of patients using online services provided by general practices in England in 2016

Patients use of online services provided by general practices in England 2016

Source and methodology information

Source(s)	NHS
Conducted by	NHS
Survey period	2016
Region(s)	United Kingdom (England)
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Reform
Publication date	April 2016
Original source	Who Cares? The Future of General Practice, page 20
Website URL	visit the website

Notes:

n.a.

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Share of physicians using clinical tools in Europe in 2016

Physicians using clinical tools in Europe 2016

Source and methodology information

Source(s)	Bain & Company
Conducted by	Bain & Company
Survey period	2016
Region(s)	Europe
Number of respondents	1,191
Age group	<i>n.a.</i>
Special characteristics	phsicians across nine specialities and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Published by	Bain & Company
Publication date	September 2016
Original source	Front Line of Healthcare Report 2016
Website URL	visit the website

Notes:

n.a.

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Share of physicians currently using or expecting to use new clinical tools in the next two years in Europe in 2016

Physicians adopting use of new clinical tools in Europe 2016

Source and methodology information

Source(s)	Bain & Company
Conducted by	Bain & Company
Survey period	2016
Region(s)	Europe
Number of respondents	1,191
Age group	<i>n.a.</i>
Special characteristics	physicians across nine specialities and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Published by	Bain & Company
Publication date	September 2016
Original source	Front Line of Healthcare Report 2016
Website URL	visit the website

Notes:

n.a.

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Response of physicians to the effects of digital solutions on quality of care in Europe in 2016

Response of physicians to digital solutions in quality of care in Europe 2016

Source and methodology information

Source(s)	Bain & Company
Conducted by	Bain & Company
Survey period	2016
Region(s)	Europe
Number of respondents	1,191
Age group	<i>n.a.</i>
Special characteristics	physicians across nine specialities and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Published by	Bain & Company
Publication date	September 2016
Original source	Front Line of Healthcare Report 2016
Website URL	visit the website

Notes:

n.a.

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Share of physicians collecting or using metrics to track performance in Europe in 2016

Physicians collecting or using metrics to track performance in Europe 2016

Source and methodology information

Source(s)	Bain & Company
Conducted by	Bain & Company
Survey period	2016
Region(s)	Europe
Number of respondents	1,191
Age group	<i>n.a.</i>
Special characteristics	physicians across nine specialities and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Published by	Bain & Company
Publication date	September 2016
Original source	Front Line of Healthcare Report 2016
Website URL	visit the website

Notes:

n.a.

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Share of physicians who feel responsible for controlling healthcare costs in Europe in 2016

Physicians control of healthcare costs in Europe 2016

Source and methodology information

Source(s)	Bain & Company
Conducted by	Bain & Company
Survey period	2016
Region(s)	Europe
Number of respondents	1,191
Age group	<i>n.a.</i>
Special characteristics	physicians across nine specialities and 167 hospital procurement administrators in France, Germany, Italy and the UK.
Published by	Bain & Company
Publication date	September 2016
Original source	Front Line of Healthcare Report 2016
Website URL	visit the website

Notes:

n.a.

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Distribution share of Internet users that used or not any kind of e-health service in Spain in 2016, by gender

Distribution of users according to the use of e-Health in Spain in 2016, by gender

Source and methodology information

Source(s)	Red.es; INE (Spain)
Conducted by	Red.es
Survey period	April 2016
Region(s)	Spain
Number of respondents	5,000
Age group	16 years or older
Special characteristics	<i>n.a.</i>
Published by	Red.es
Publication date	April 2016
Original source	Los ciudadanos ante la e-Sanidad, page 46
Website URL	visit the website

Notes:

n.a.

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Attitudes toward mobile health technology among primary care physicians in France, Germany and the United Kingdom (UK) in 2nd quarter 2015

Digital healthcare attitudes among physicians in Europe 2015

Source and methodology information

Source(s)	Ipsos
Conducted by	Ipsos
Survey period	2nd quarter 2015
Region(s)	France, Germany, United Kingdom
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Ipsos
Publication date	July 2015
Original source	The Digital Doctor Report 2015
Website URL	visit the website

Notes:

Survey conducted in partnership with Fieldwork International.

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Distribution share of the trending topics in conversations about eHealth in Twitter in Spain in 2015

Top eHealth topics in the social network Twitter in Spain 2015

Source and methodology information

Source(s)	IIC
Conducted by	Asociación de Investigadores de eSalud; IIC
Survey period	February to April 2015
Region(s)	Spain
Number of respondents	67,202 tweets published by 25,067 accounts
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	IIC
Publication date	May 2015
Original source	Breve panorama de la eSalud en Twitter, page 17
Website URL	visit the website

Notes:

Hashtags translated from Spanish into English. Original hashtags can be found in the Spanish version of this stat.

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Would you be willing to have a consultation with a doctor on the Internet?

Teleconsultation: French disposition to consult a doctor via the Internet 2017

Source and methodology information

Source(s)	BVA; Zava
Conducted by	BVA
Survey period	April 20 - 24, 2017
Region(s)	France
Number of respondents	1,000
Age group	18 years old and over
Special characteristics	<i>n.a.</i>
Published by	Zava
Publication date	June 2017
Original source	E-Santé - Usages et attentes des Français, page 13
Website URL	visit the website

Notes:

n.a.

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Distribution of users in the eHealth fitness segment in the United Kingdom (UK) in 2017, by age*

DMO: eHealth fitness users in the UK 2017, by age group

Source and methodology information

Source(s)	Statista (Digital Market Outlook)
Conducted by	Statista
Survey period	2017
Region(s)	United Kingdom
Number of respondents	<i>n.a.</i>
Age group	16-64 years
Special characteristics	<i>n.a.</i>
Published by	Statista (Digital Market Outlook)
Publication date	January 2018
Original source	Digital Market Outlook
Website URL	visit the website

Notes:

* The source defines income as personal net income divided into three categories: low income defined as the country-specific bottom third of the personal income allocation; medium income defined as the country-specific average third of the personal income allocation; high income defined as the country-specific top third of the personal income allocation . The Fitness segment contains the user and revenue development of two product categories: (1) portable, connected fitness devices ("Wearables") and (2) digital fitness and nutrition applications for use with a smartphone and/or tablet ("Apps"). The "Wearables" segment includes devices that are explicitly intended for fitness. In particular, fitness wristwear which is equipped with sensors and activity trackers that measure and analyze the physical activity and body functions of the wearer (e.g. number of steps taken, movement, pulse and temperature). Well-known examples of fitness wearables are the fitness bands from fitbit, Jawbone, the Chinese manufacturer Xiaomi, and the Nike Fuelband. Smartwatches are not considered here as dedicated fitness equipment; therefore they are excluded from the market segment. However, in the future it is expected that there will be an increasing convergence of smartwatches and fitness bands. Further information on methodology can be found here.

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Size of the United Kingdom's mHealth application market from 2014 to 2018 (in million GBP)

Size of the United Kingdom's mHealth application market from 2014 to 2018

Source and methodology information

Source(s)	Deloitte; BCC Research; GSMA ; A.T. Kearney
Conducted by	Deloitte
Survey period	2014
Region(s)	United Kingdom
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Deloitte
Publication date	September 2015
Original source	Digital Health in the UK, page 29.
Website URL	visit the website

Notes:

* Forecast

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Share of citizens using healthcare digital services in Italy as of May 2017, by type of service

Italy: share of citizens using healthcare digital services 2017, by type

Source and methodology information

Source(s)	Osservatori Digital Innovation
Conducted by	Osservatori Digital Innovation
Survey period	2017
Region(s)	Italy
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Osservatori Digital Innovation
Publication date	May 2017
Original source	La sanità alla rincorsa del cittadino digitale, page 2
Website URL	visit the website

Notes:

n.a.

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