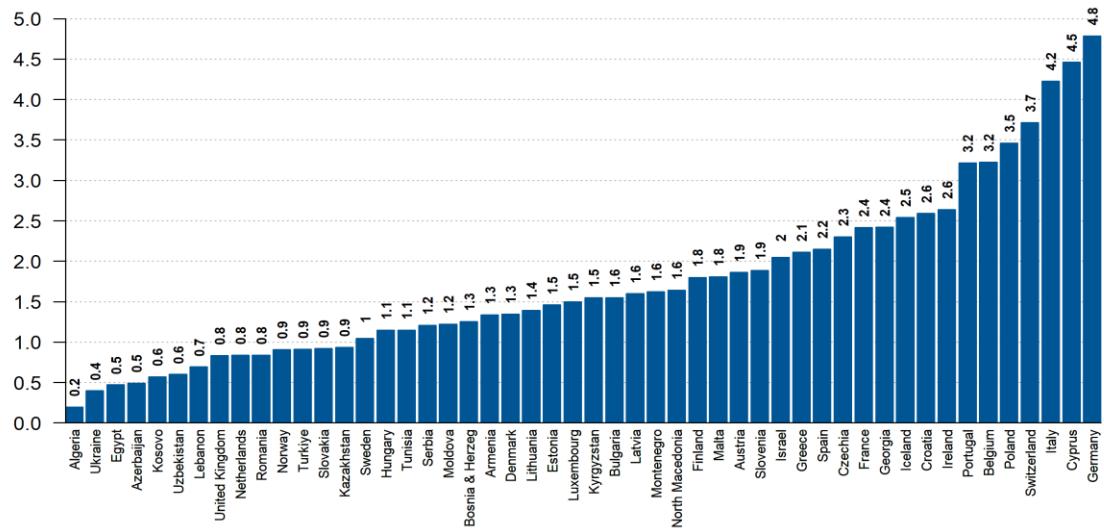
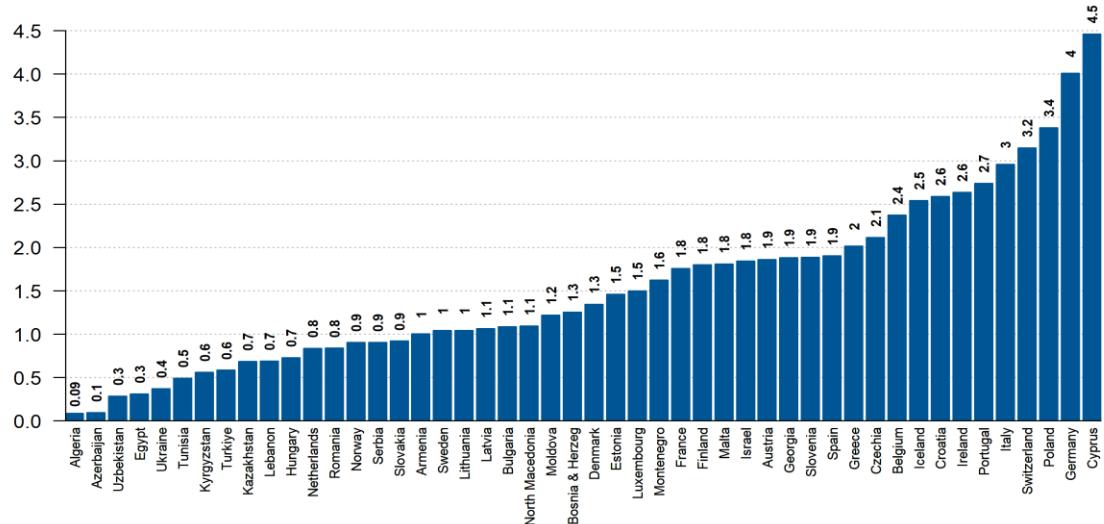


FigS1: Hospitals undertaking electrophysiology (EP) procedures (per million people)



Iceland, Kosovo, Luxembourg, Malta, Montenegro, San Marino reported value 1.

FigS2: Hospitals undertaking atrial fibrillation ablations (per million people)

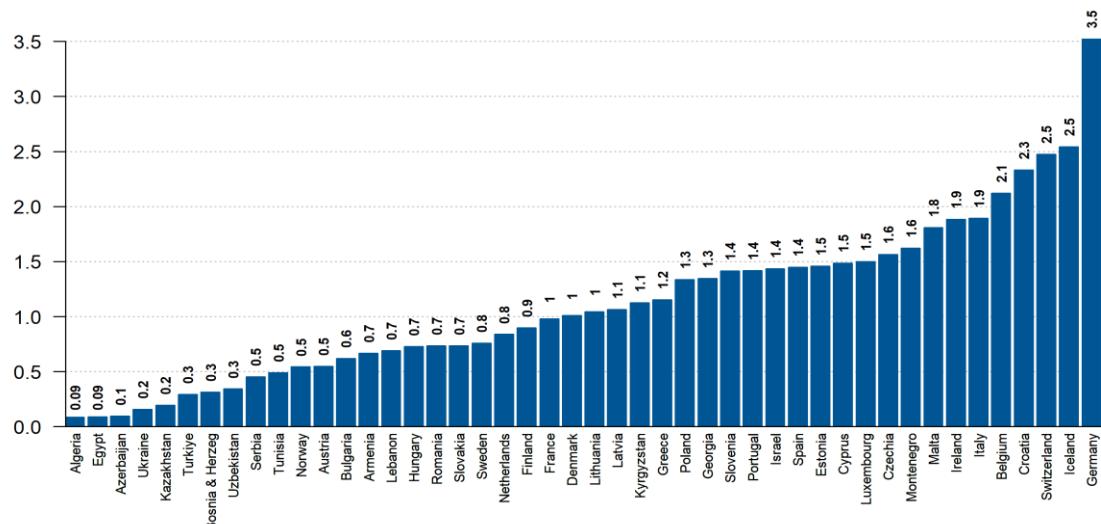


Missing data: United Kingdom.

Reported value zero: Republic of Kosovo, Republic of San Marino.

Azerbaijan, Iceland, Luxembourg, Malta, Montenegro reported value 1.

FigS3: Hospitals undertaking ablations of ventricular tachycardia in structural heart disease (per million people)

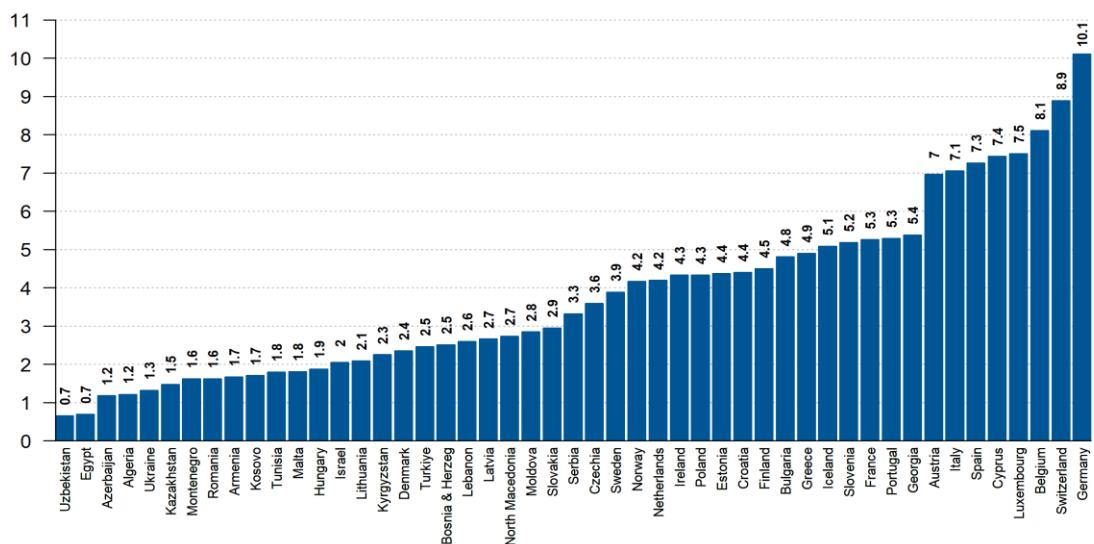


Missing data: Republic of Moldova, United Kingdom.

Reported value zero: North Macedonia, Republic of Kosovo, Republic of San Marino.

Azerbaijan, Bosnia and Herzegovina, Iceland, Luxembourg, Malta, Montenegro reported value 1.

FigS4: Hospitals implanting pacemakers (per million people)

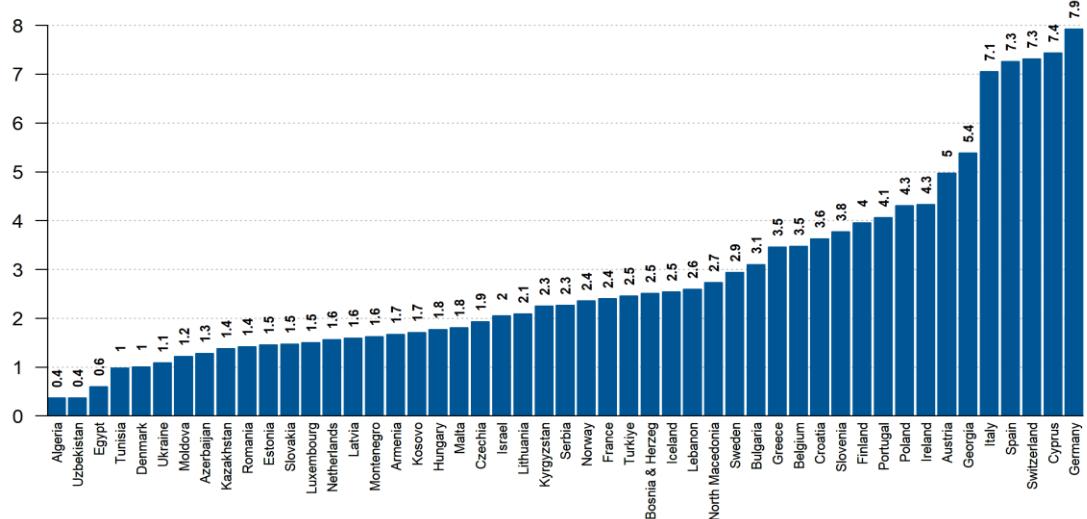


Missing data: United Kingdom.

Reported value zero: Republic of San Marino.

Malta, Montenegro reported value 1.

FigS5: Hospitals implanting cardioverter defibrillators (ICDs) and/or cardiac resynchronization therapy (CRT) devices (per million people)

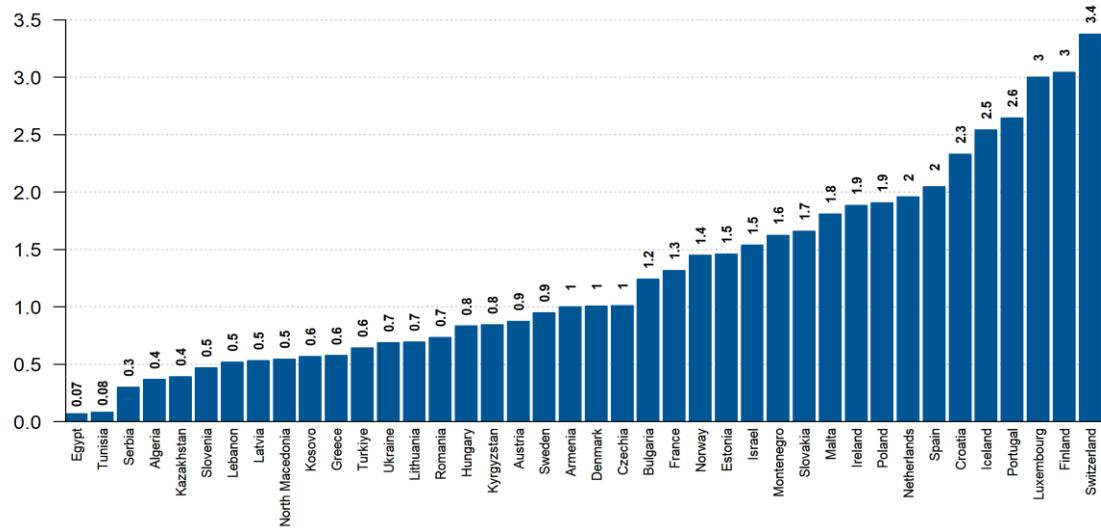


Missing data: United Kingdom.

Reported value zero: Republic of San Marino.

Iceland, Luxembourg, Malta, Montenegro reported value 1.

FigS6: Hospitals implanting conduction system pacing devices (per million people)

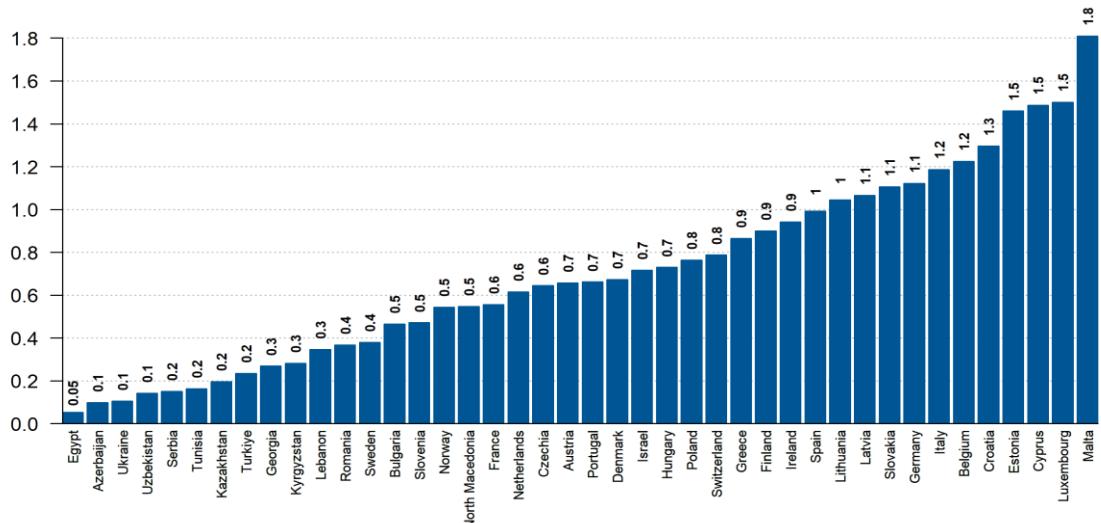


Missing data: Belgium, Germany, Italy, Republic of Moldova, United Kingdom.

Reported value zero: Azerbaijan, Bosnia & Herzegovina, Cyprus, Republic of Georgia, Republic of San Marino, Uzbekistan.

Iceland, Kosovo, Latvia, Malta, Montenegro, North Macedonia, Slovenia, Tunisia reported value 1.

FigS7: Hospitals performing Transvenous Lead Extraction (TLE) (per million people)

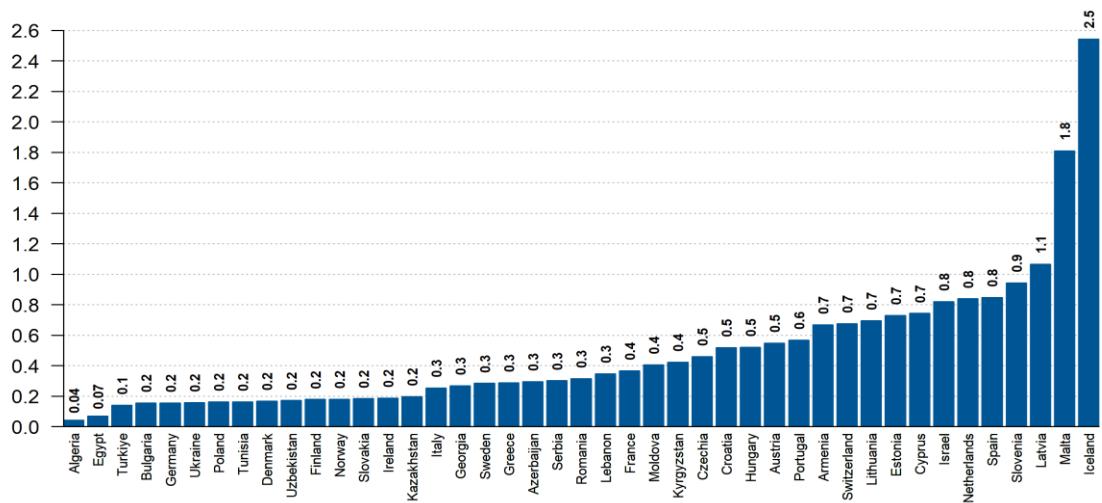


Missing data: Republic of Moldova, United Kingdom.

Reported value zero: Algeria, Armenia, Bosnia & Herzegovina, Iceland, Montenegro, Republic of Kosovo, Republic of San Marino.

Azerbaijan, Georgia, Luxembourg, Malta, North Macedonia, Serbia, Slovenia reported value 1.

FigS8: Hospitals performing EP or CIED procedures in children (per million people)

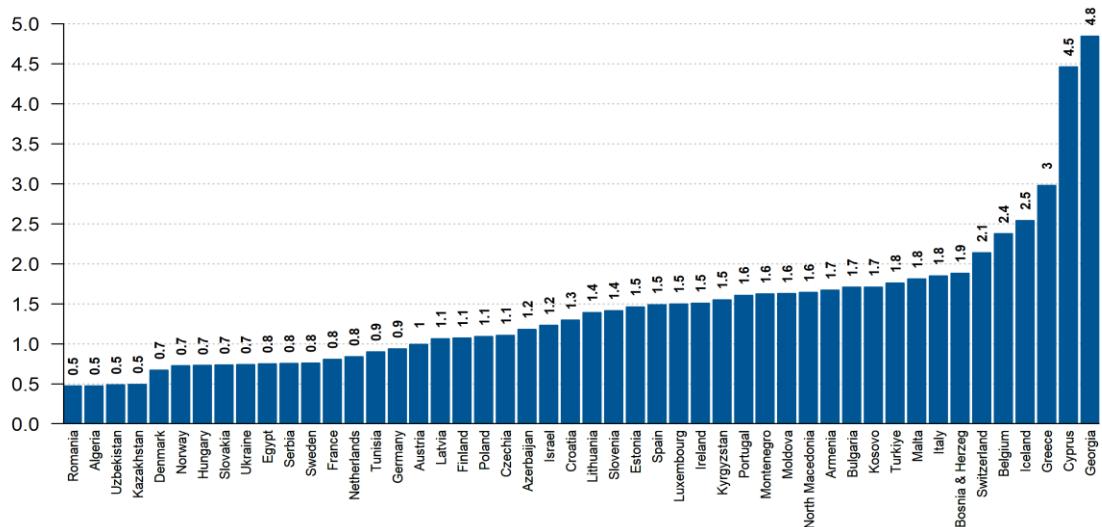


Missing data: Belgium, United Kingdom.

Reported value zero: Bosnia & Herzegovina, Luxembourg, Montenegro, North Macedonia, Republic of Kosovo, Republic of San Marino.

Bulgaria, Cyprus, Denmark, Estonia, Finland, Georgia, Iceland, Ireland, Malta, Moldova, Norway, Slovakia reported value 1.

FigS9: Hospitals with cardiac surgery (per million people)

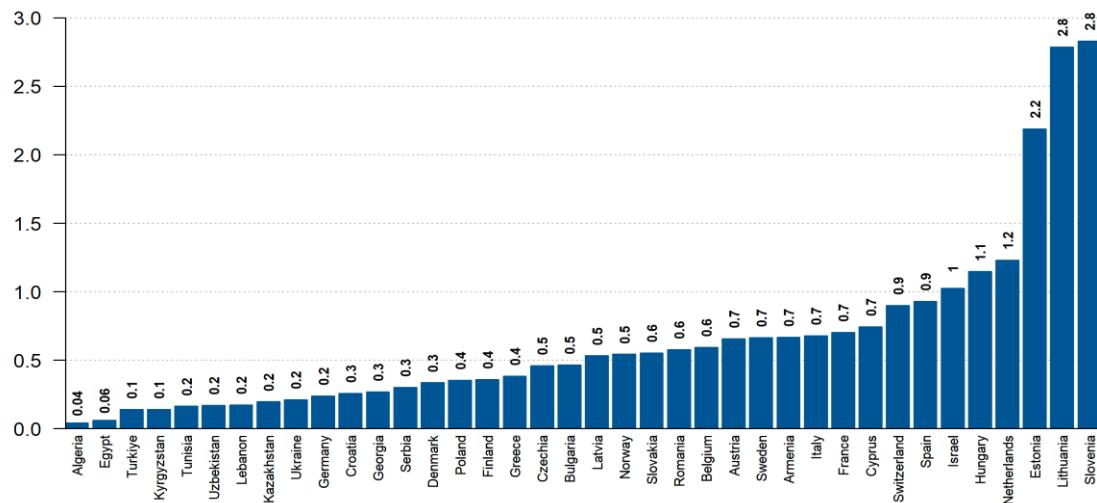


Missing data: Lebanon, United Kingdom.

Reported value zero: Republic of San Marino.

Iceland, Luxembourg, Malta, Montenegro reported value 1.

FigS10: Pediatric electrophysiologists (per million people)

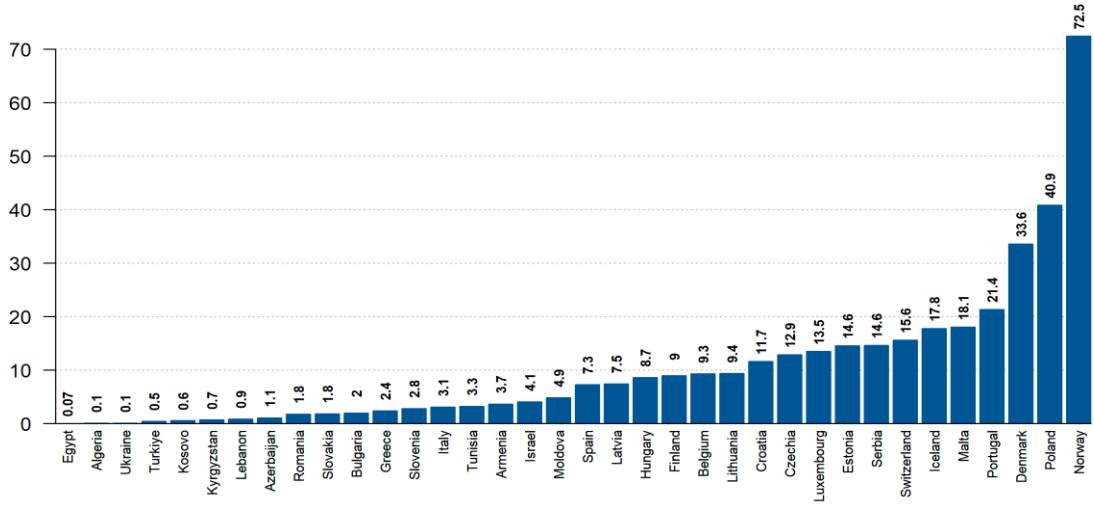


Missing data: Ireland, Portugal, Republic of Moldova, United Kingdom.

Reported value zero: Azerbaijan, Bosnia & Herzegovina, Iceland, Luxembourg, Malta, Montenegro, North Macedonia, Republic of Kosovo, Republic of San Marino.

Croatia, Cyprus, Georgia, Kyrgyzstan, Lebanon reported value 1.

FigS11: Heart rhythm allied professionals (per million people)

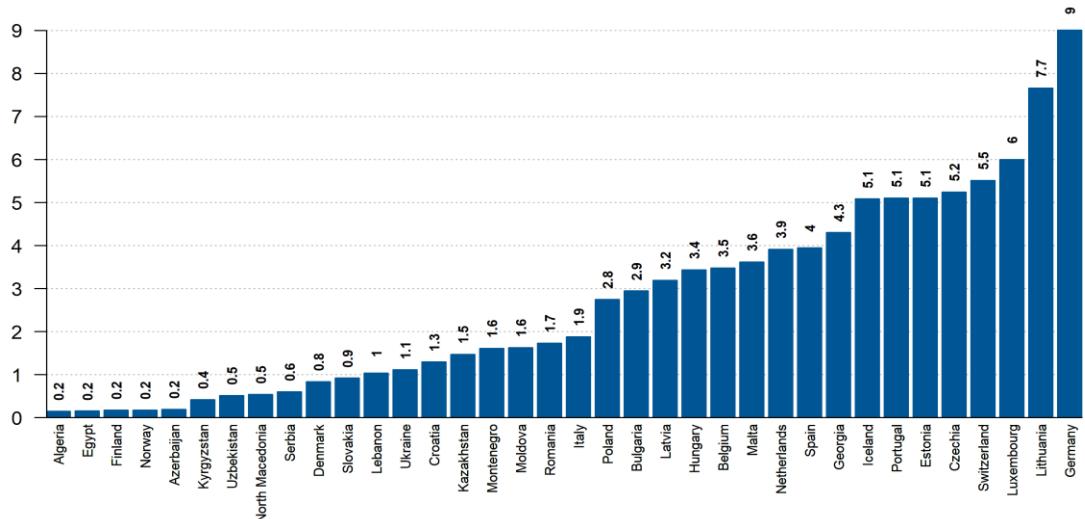


Missing data: Austria, France, Germany, Ireland, Netherlands, Sweden, United Kingdom.

Reported value zero: Bosnia & Herzegovina, Cyprus, Kazakhstan, Montenegro, North Macedonia, Republic of Georgia, Uzbekistan

Kosovo reported value 1. San Marino reported value 4.

FigS12: Number of certified EP operators (per million people)

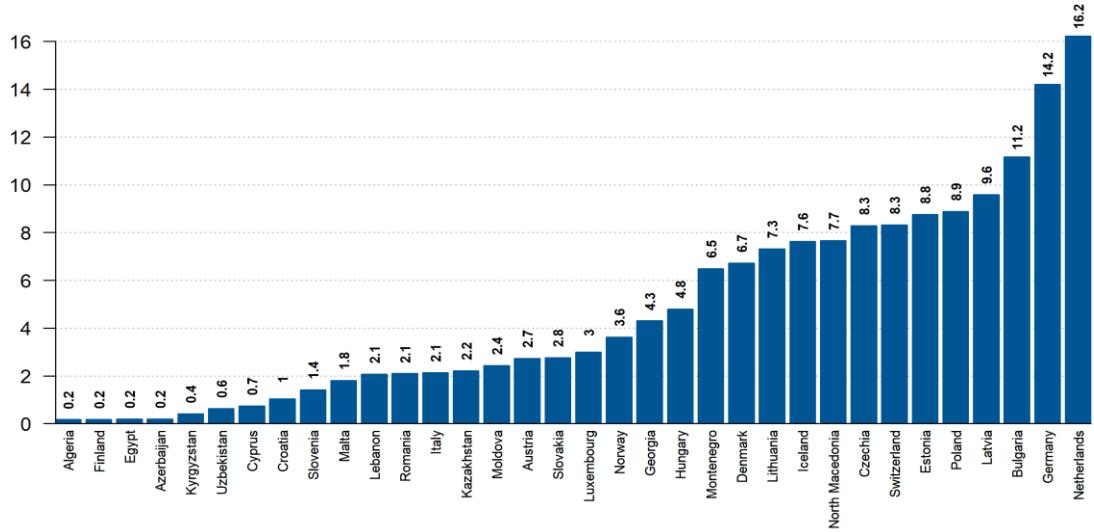


Missing data: Austria, France, Greece, Ireland, Sweden, Tunisia, Türkiye, United Kingdom.

Reported value zero: Armenia, Bosnia & Herzegovina, Cyprus, Israel, Republic of Kosovo, Republic of San Marino, Slovenia.

Finland, Montenegro, North Macedonia, Norway reported value 1.

FigS13: Number of certified CIED operators (per million people)

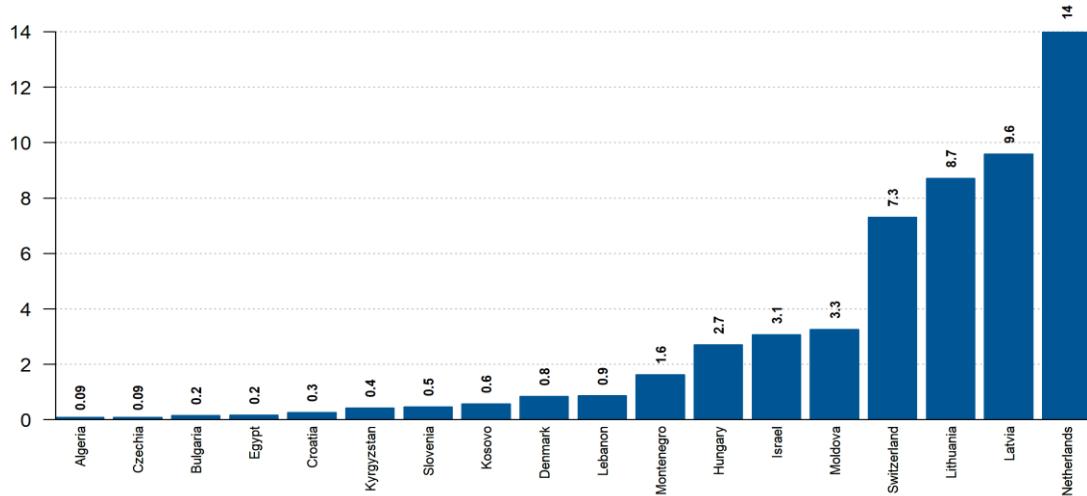


Missing data: Belgium, France, Greece, Ireland, Portugal, Sweden, Tunisia, Türkiye, Ukraine, United Kingdom.

Reported value zero: Armenia, Bosnia & Herzegovina, Israel, Republic of Kosovo, Republic of San Marino, Serbia, Spain.

Cyprus, Finland, Malta reported value 1.

FigS14: Number of certified allied professionals (per million people)

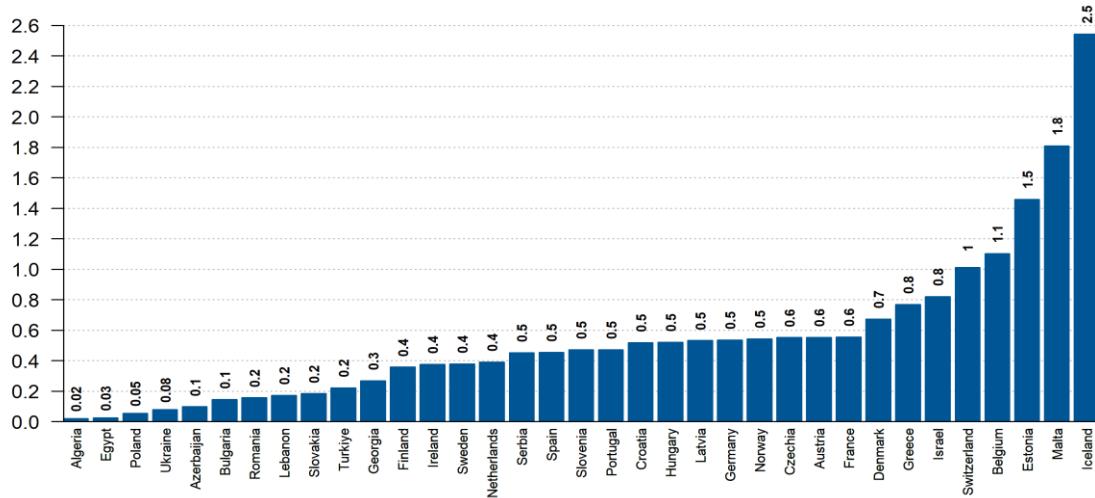


Missing data: Austria, Belgium, France, Greece, Ireland, Italy, Portugal, Sweden, Tunisia, Ukraine, United Kingdom.

Reported value zero: Armenia, Azerbaijan, Bosnia & Herzegovina, Cyprus, Estonia, Finland, Germany, Iceland, Kazakhstan, Luxembourg, Malta, North Macedonia, Norway, Poland, Republic of Georgia, Republic of San Marino, Romania, Serbia, Slovakia, Spain, Türkiye, Uzbekistan.

Bulgaria, Croatia, Czechia, Kosovo, Montenegro, Slovenia reported value 1.

FigS15: Hospitals undertaking VT using epicardial access (per million people)

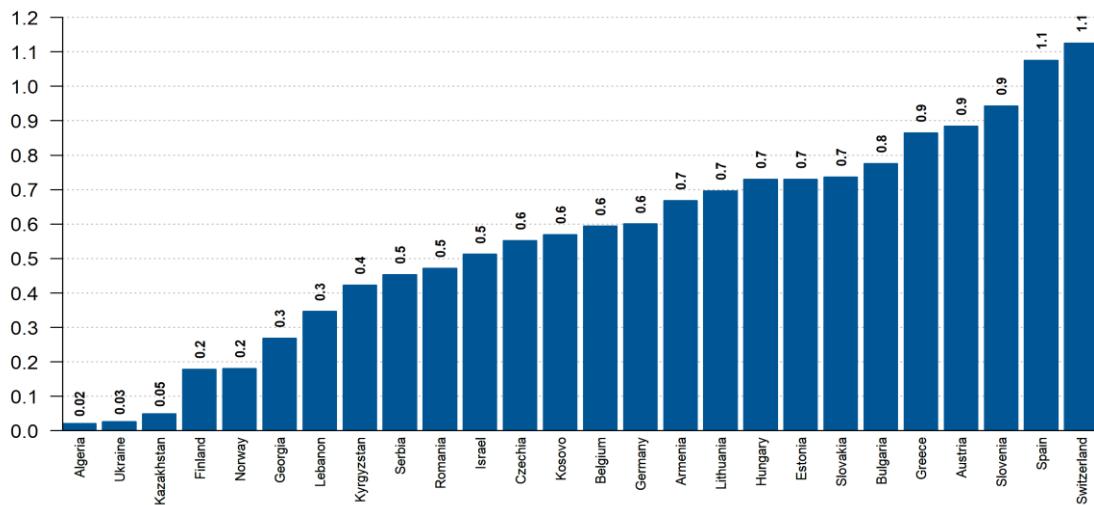


Missing data: Italy, Tunisia, United Kingdom.

Reported value zero: Armenia, Bosnia & Herzegovina, Cyprus, Kazakhstan, Kyrgyzstan, Lithuania, Luxembourg, Montenegro, North Macedonia, Republic of Kosovo, Republic of Moldova, Republic of San Marino, Uzbekistan.

Algeria, Azerbaijan, Bulgaria, Georgia, Iceland, Latvia, Lebanon, Malta, Slovakia, Slovenia reported value 1.

FigS16: Hospitals undertaking ablations using zero fluoroscopy ablation (per million people)

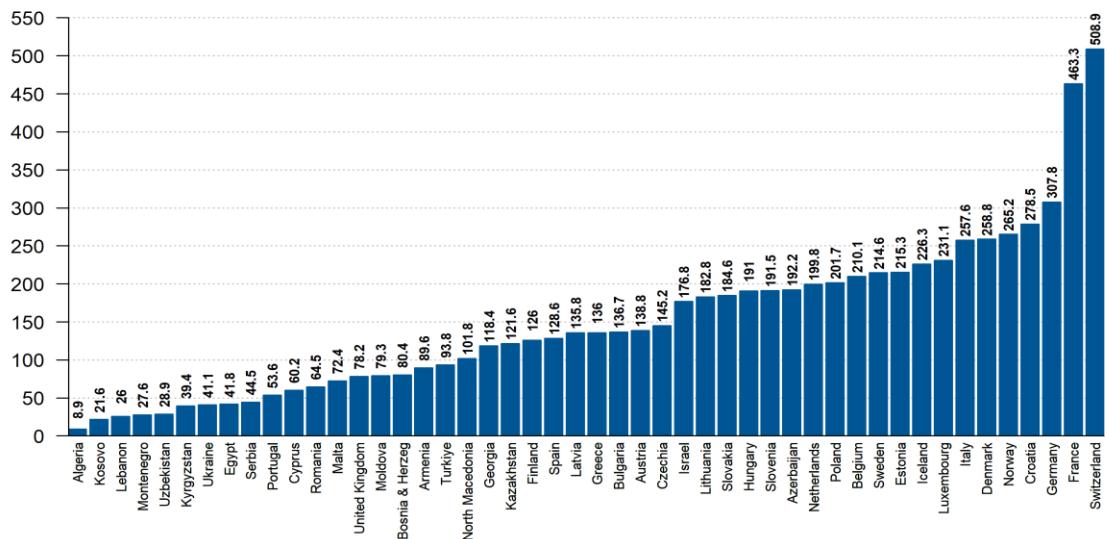


Missing data: Croatia, France, Ireland, Italy, Netherlands, Poland, Portugal, Tunisia, United Kingdom.

Reported value zero: Azerbaijan, Bosnia & Herzegovina, Cyprus, Denmark, Egypt, Iceland, Latvia, Luxembourg, Malta, Montenegro, North Macedonia, Republic of Moldova, Republic of San Marino, Sweden, Türkiye, Uzbekistan.

Algeria, Estonia, Finland, Georgia, Kazakhstan, Kosovo, Norway, Ukraine reported value 1.

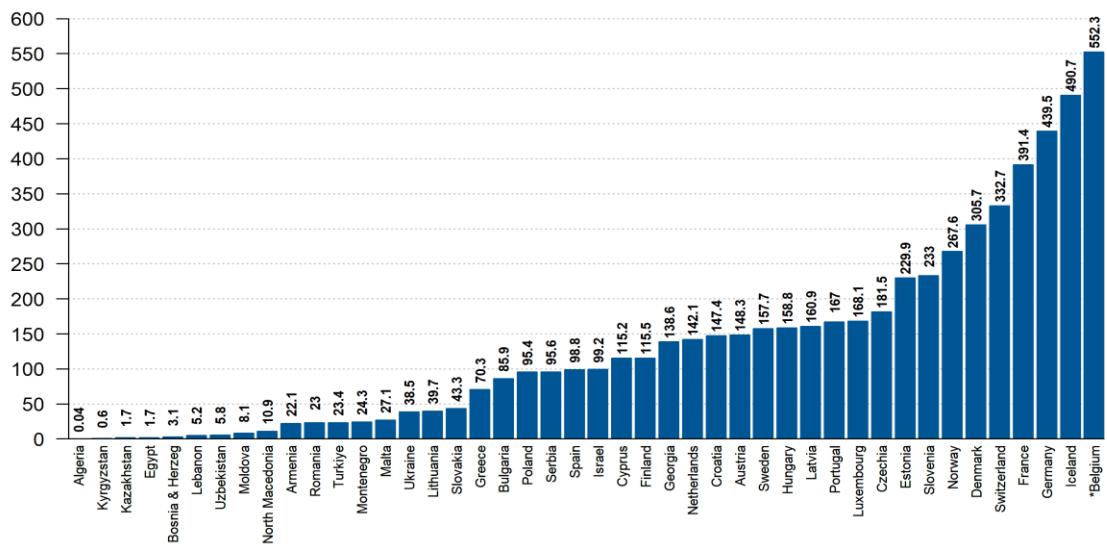
FigS17: SVT Ablations (per million people)



Missing data: Ireland, Tunisia.

Reported value zero: Republic of San Marino.

FigS18: AF ablations - RF (per million people)

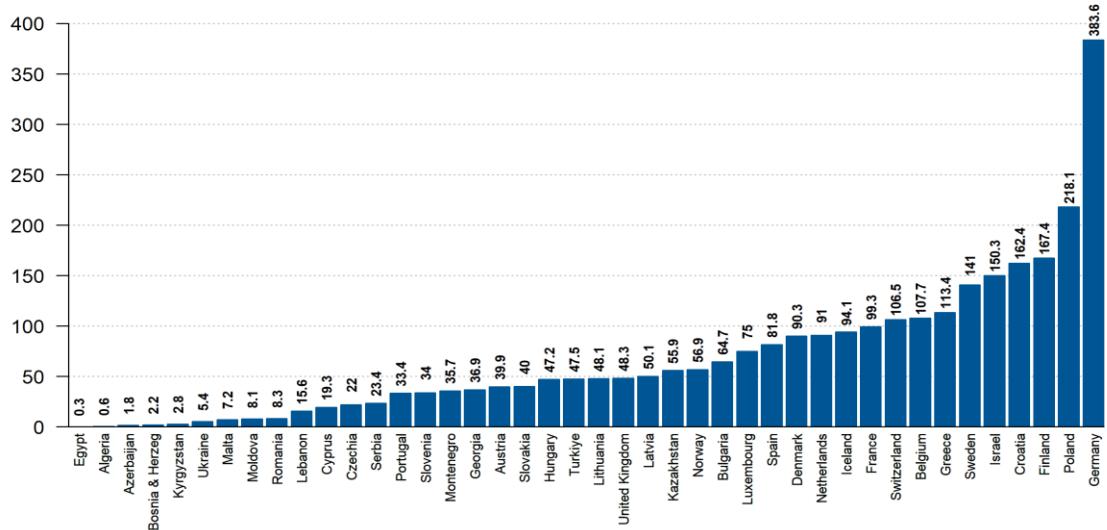


Missing data: Ireland, Italy, Republic of San Marino, Tunisia, United Kingdom.

Reported value zero: Azerbaijan, Republic of Kosovo.

*Belgium reported RF AF and other complex left atrial ablations together due to national rules on procedure reporting for reimbursement

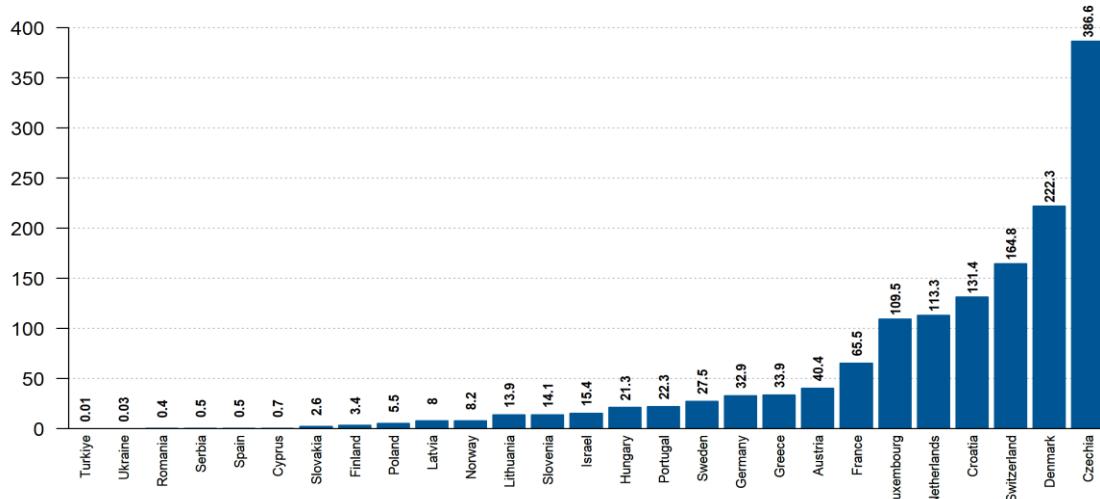
FigS19: AF ablations - Cryoablation (per million people)



Missing data: Ireland, Italy, Republic of San Marino, Tunisia.

Reported value zero: Armenia, Estonia, North Macedonia, Republic of Kosovo, Uzbekistan.

FigS20: AF ablations - Pulse Field Ablation (PFA) (per million people)

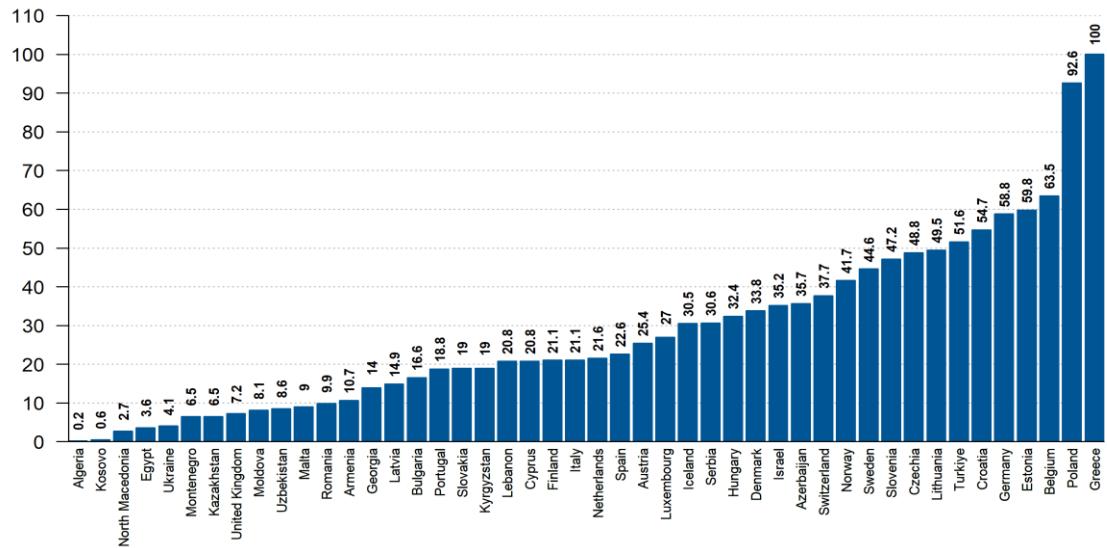


Missing data: Belgium, Ireland, Italy, Republic of San Marino, Tunisia, United Kingdom.

Reported value zero: Algeria, Armenia, Azerbaijan, Bosnia & Herzegovina, Bulgaria, Egypt, Estonia, Iceland, Kazakhstan, Kyrgyzstan, Lebanon, Malta, Montenegro, North Macedonia, Republic of Georgia, Republic of Kosovo, Republic of Moldova, Uzbekistan.

Cyprus, Turkiye, Ukraine reported value 1.

FigS21: Ablations in premature ventricular contractions/idiopathic VT (per million people)

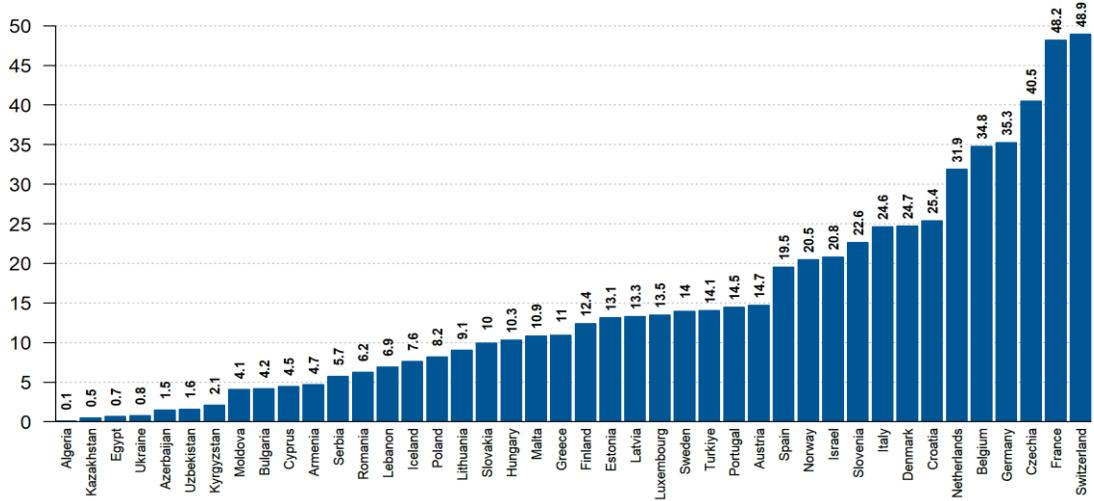


Missing data: France, Ireland, Republic of San Marino, Tunisia.

Reported value zero: Bosnia & Herzegovina.

Bosnia and Herzegovina. Kosovo reported value 1.

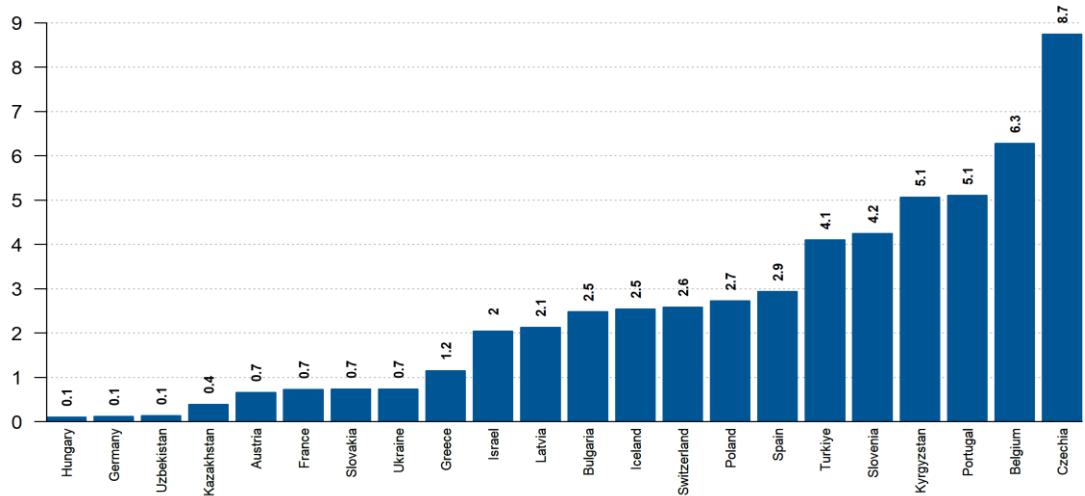
FigS22: Ablations of VT in structural heart disease (per million people)



Missing data: Ireland, Republic of Georgia, Republic of San Marino, Tunisia, United Kingdom.

Reported value zero: Bosnia & Herzegovina, Montenegro, North Macedonia, Republic of Kosovo.

FigS23: Cardioneuroablations (per million people)

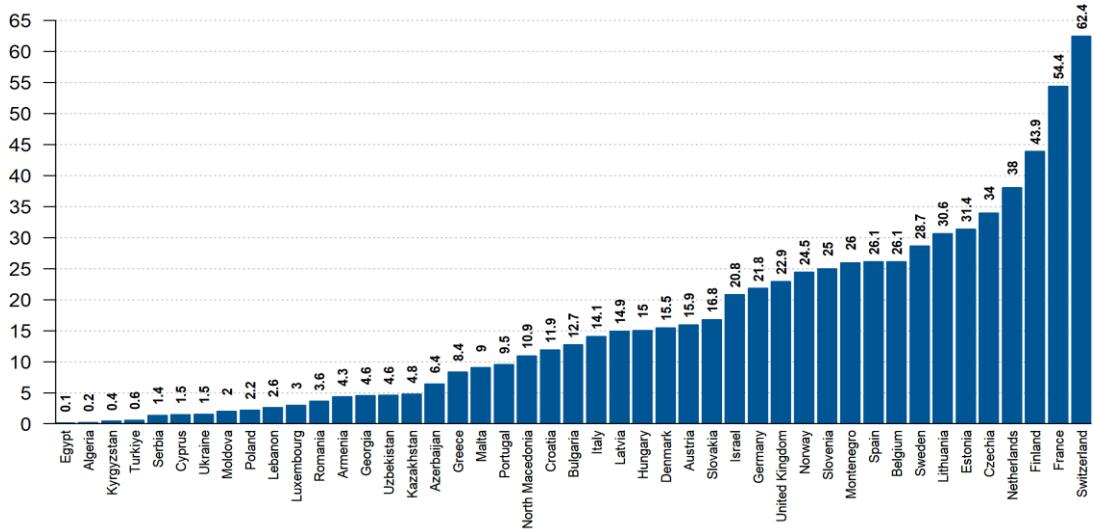


Missing data: Croatia, Ireland, Italy, Netherlands, Republic of San Marino, United Kingdom.

Reported value zero: Algeria, Armenia, Azerbaijan, Bosnia and Herzegovina, Cyprus, Denmark, Egypt, Estonia, Finland, Republic of Georgia, Republic of Kosovo, Lebanon, Lithuania, Luxembourg, North Macedonia, Malta, Republic of Moldova, Montenegro, Norway, Romania, Serbia, Sweden, Tunisia.

Hungary, Iceland reported value 1.

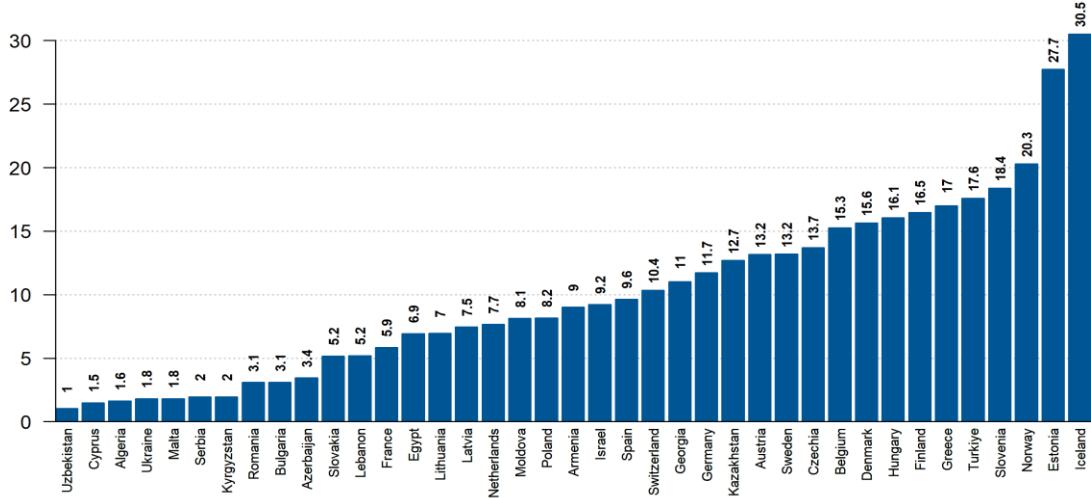
FigS24: Atrioventricular node ablation (per million people)



Missing data: Ireland, Republic of San Marino, Tunisia.

Reported value zero: Bosnia and Herzegovina, Iceland, Republic of Kosovo.

FigS25: Pediatric ablations (per million people)

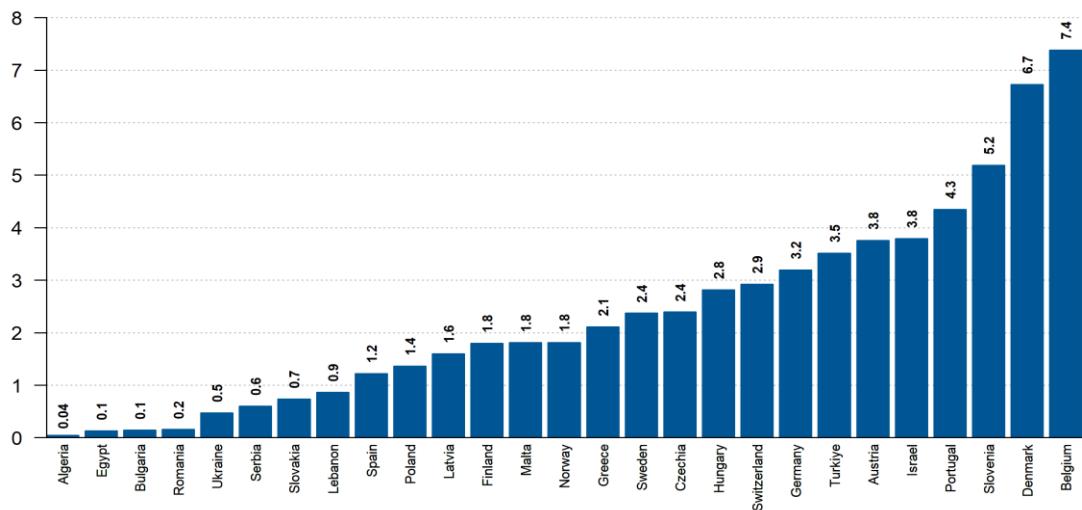


Missing data: Croatia, Ireland, Italy, Portugal, Republic of San Marino, Tunisia, United Kingdom.

Reported value zero: Bosnia and Herzegovina, Republic of Kosovo, Luxembourg, North Macedonia, Montenegro.

Malta reported value 1.

FigS26: Epicardial ablations (per million people)

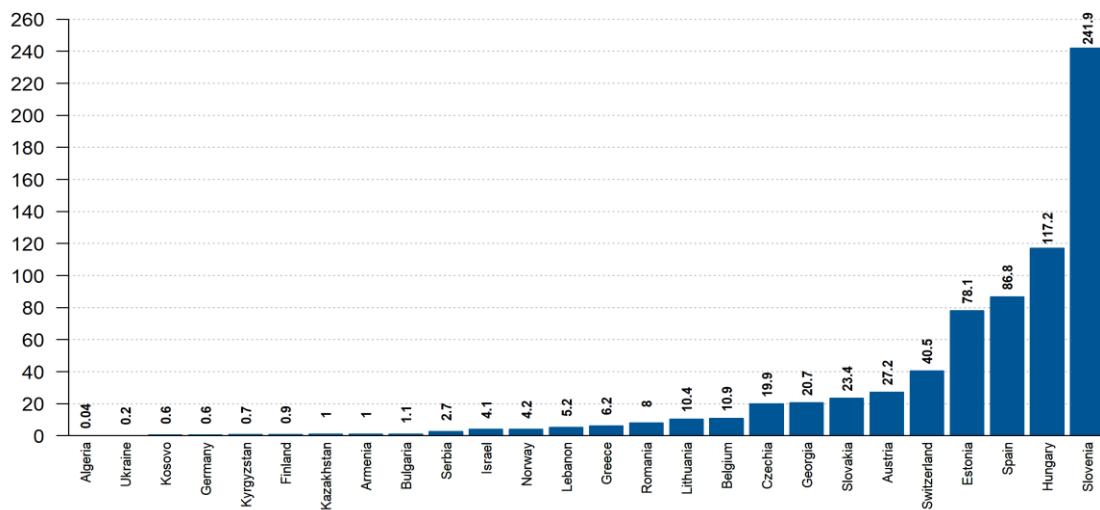


Missing data: Croatia, France, Ireland, Italy, Netherlands, Republic of San Marino, Tunisia, United Kingdom.

Reported value zero: Armenia, Azerbaijan, Bosnia and Herzegovina, Cyprus, Estonia, Republic of Georgia, Iceland, Kazakhstan, Republic of Kosovo, Kyrgyzstan, Lithuania, Luxembourg, North Macedonia, Republic of Moldova, Montenegro, Uzbekistan.

Bulgaria, Malta reported value 1.

FigS27: Zero fluoroscopy ablations (per million people)

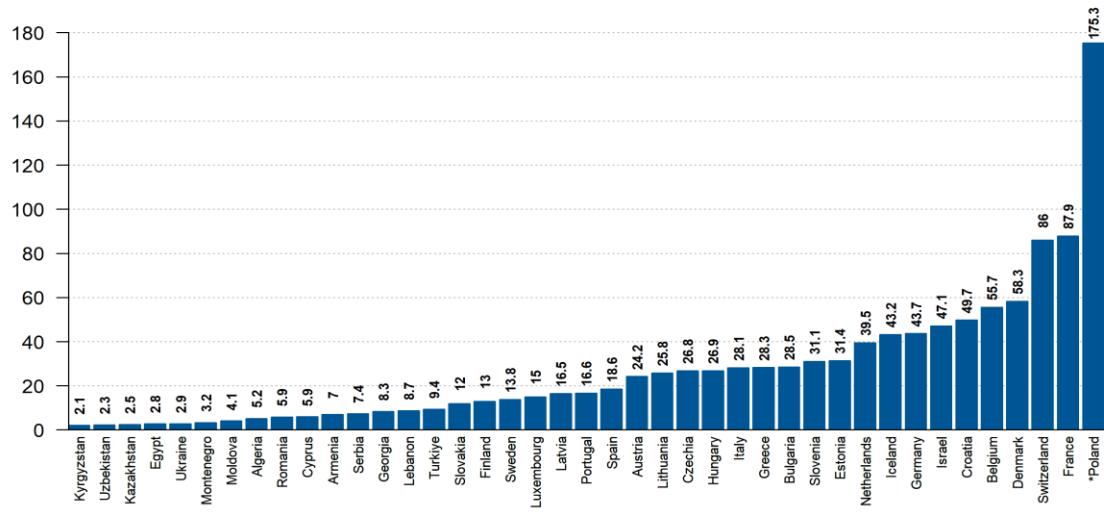


Missing data: Croatia, France, Ireland, Italy, Netherlands, Portugal, Republic of San Marino, Sweden, Tunisia, Türkiye, United Kingdom.

Reported value zero: Azerbaijan, Bosnia and Herzegovina, Cyprus, Denmark, Egypt, Iceland, Latvia, Luxembourg, North Macedonia, Malta, Republic of Moldova, Montenegro, Poland, Uzbekistan.

Kosovo reported value 1.

FigS28: Ablations in complex atrial arrhythmias excluding AF (per million people)

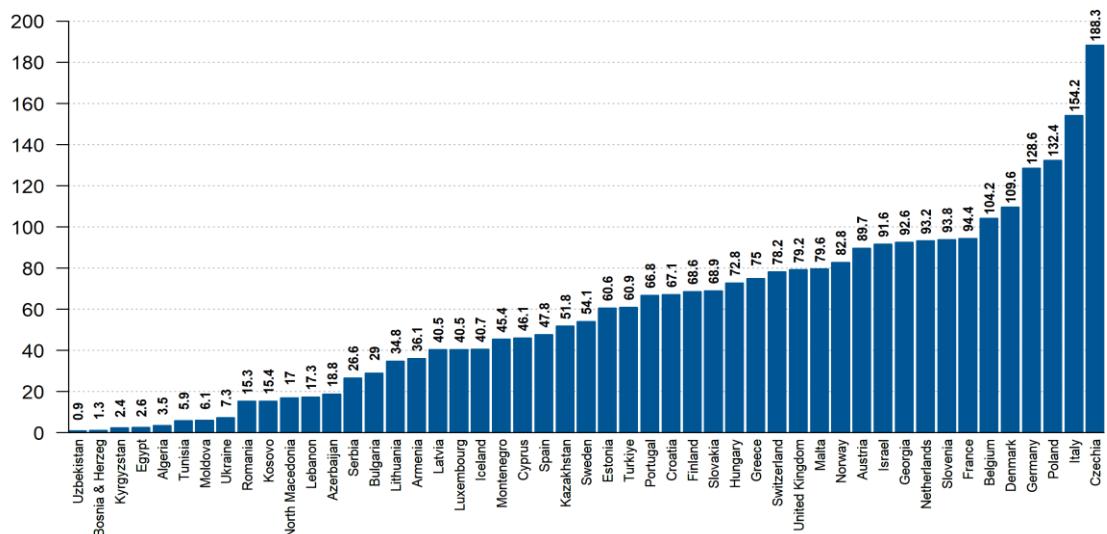


Missing data: Azerbaijan, Ireland, Norway, San Marino, Tunisia, United Kingdom.

Reported value 0: Bosnia and Herzegovina, Kosovo, Malta, North Macedonia.

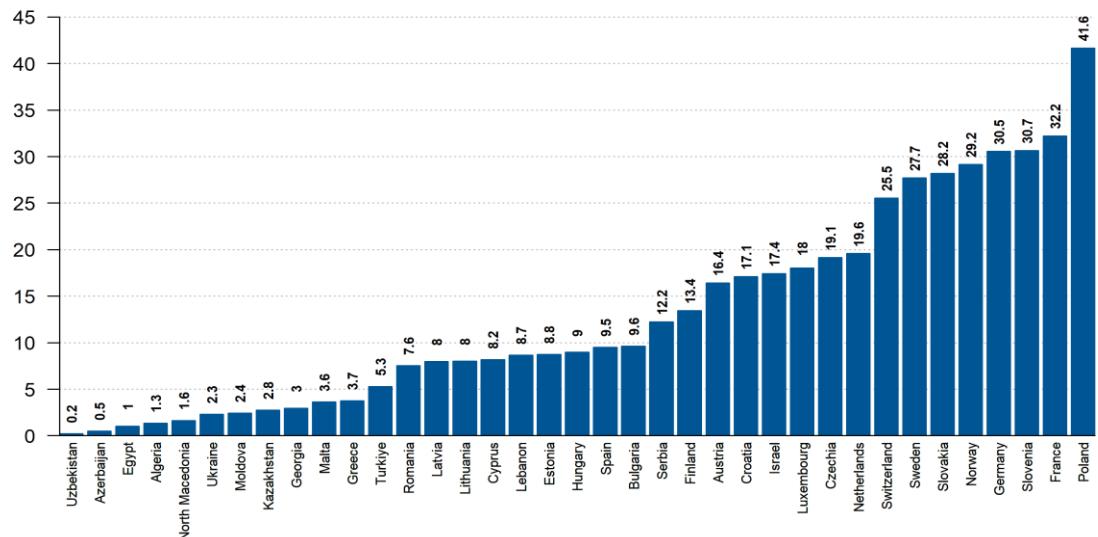
* The number is considered overestimated because complex left atrial ablations may have been reported together with a subset of other 3D complex ablations, in accordance with national procedure reporting rules for reimbursement in Poland.

FigS29: CRT-D ICDs - Total device numbers (total) (per million people)



Missing data: Ireland, Republic of San Marino.

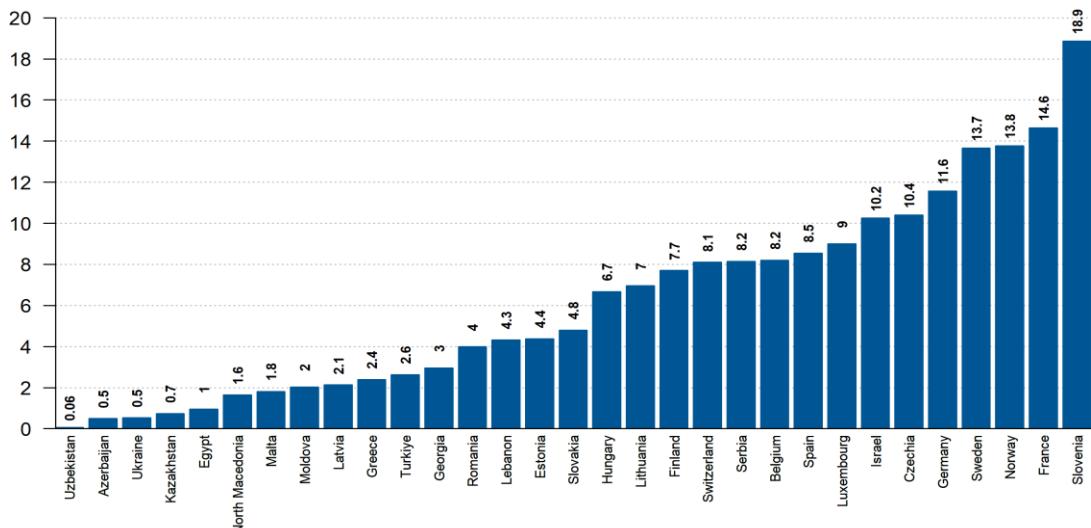
FigS30: Total number of Transvenous Lead Extraction procedures (per million people)



Missing data: Belgium, Denmark, Ireland, Italy, Portugal, Republic of San Marino, Tunisia, United Kingdom.

Reported value zero: Armenia, Bosnia and Herzegovina, Iceland, Republic of Kosovo, Kyrgyzstan, Montenegro.

FigS31: Total number of TLE procedures performed due to infective indications (per million people)

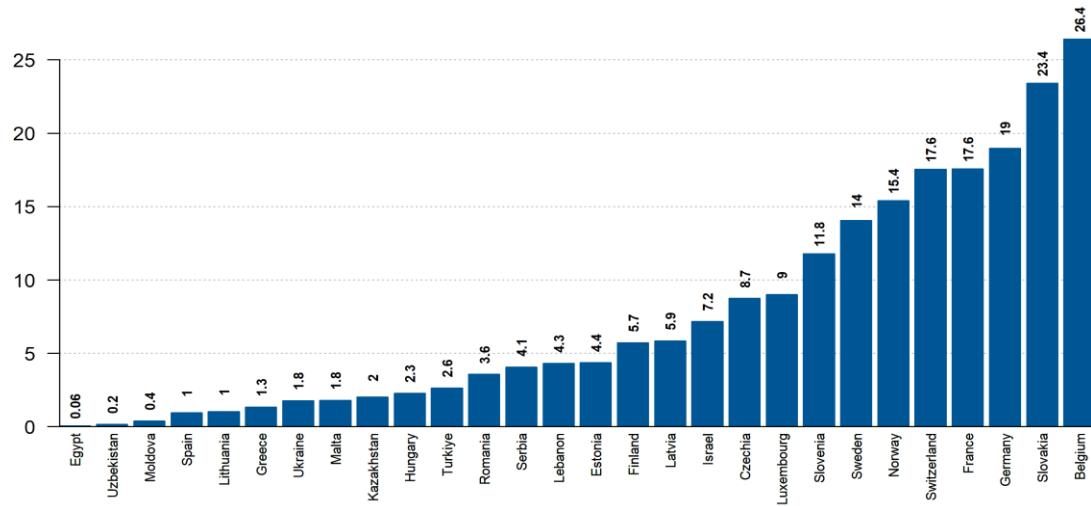


Missing data: Austria, Bulgaria, Croatia, Cyprus, Denmark, Ireland, Italy, Kyrgyzstan, Netherlands, Poland, Portugal, Republic of San Marino, Tunisia, United Kingdom.

Reported value zero: Algeria, Armenia, Bosnia and Herzegovina, Iceland, Republic of Kosovo, Montenegro.

Malta reported value 1.

FigS32: Total number of TLE procedures performed due to non-infective indications (per million people)

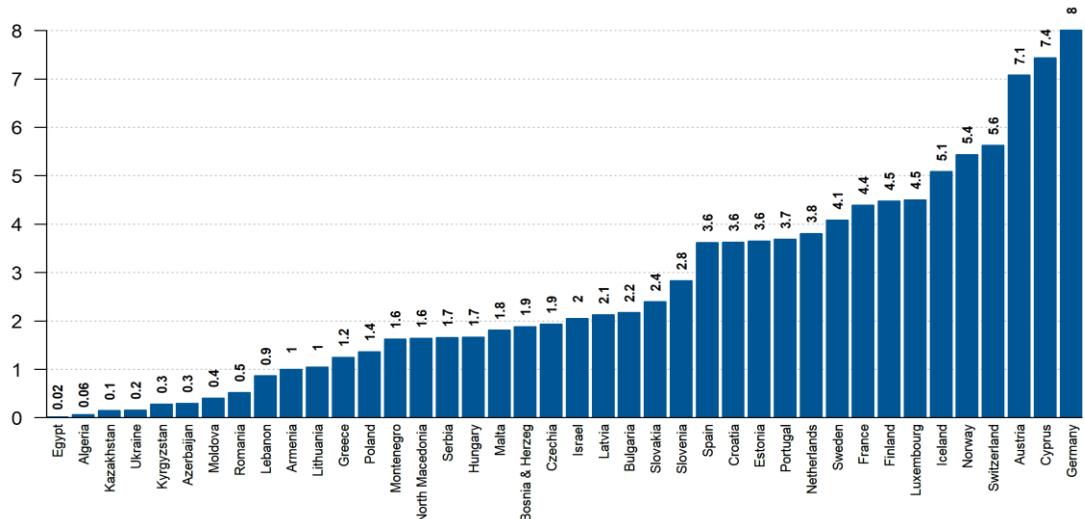


Missing data: Austria, Bulgaria, Croatia, Cyprus, Denmark, Ireland, Italy, Netherlands, Poland, Portugal, Republic of San Marino, Tunisia, United Kingdom.

Reported value zero: Algeria, Armenia, Azerbaijan, Bosnia and Herzegovina, Republic of Georgia, Iceland, Republic of Kosovo, Kyrgyzstan, North Macedonia, Montenegro.

Malta, Moldova reported value 1.

FigS33: Hospitals implanting loop recorders (per million people)

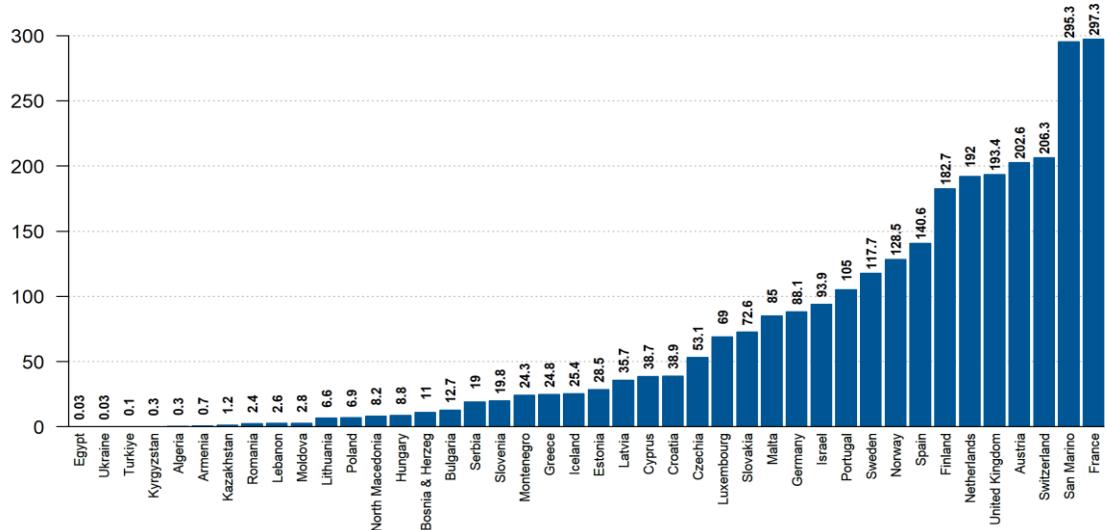


Missing data: Belgium, Denmark, Ireland, Italy, Türkiye, United Kingdom.

Reported value zero: Republic of Georgia, Republic of Kosovo, Tunisia, Uzbekistan.

Malta, Moldova, Montenegro, San Marino reported value 1.

FigS34: Total number of loop recorders (per million people)

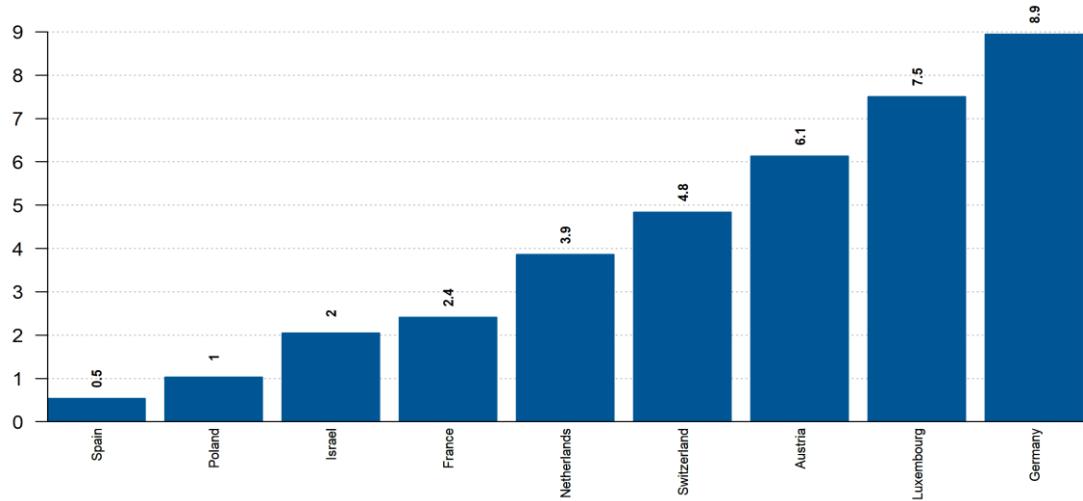


Missing data: Belgium, Denmark, Ireland, Italy, Tunisia.

Reported value zero: Azerbaijan, Republic of Georgia, Republic of Kosovo, Uzbekistan.

Ukraine reported value 1.

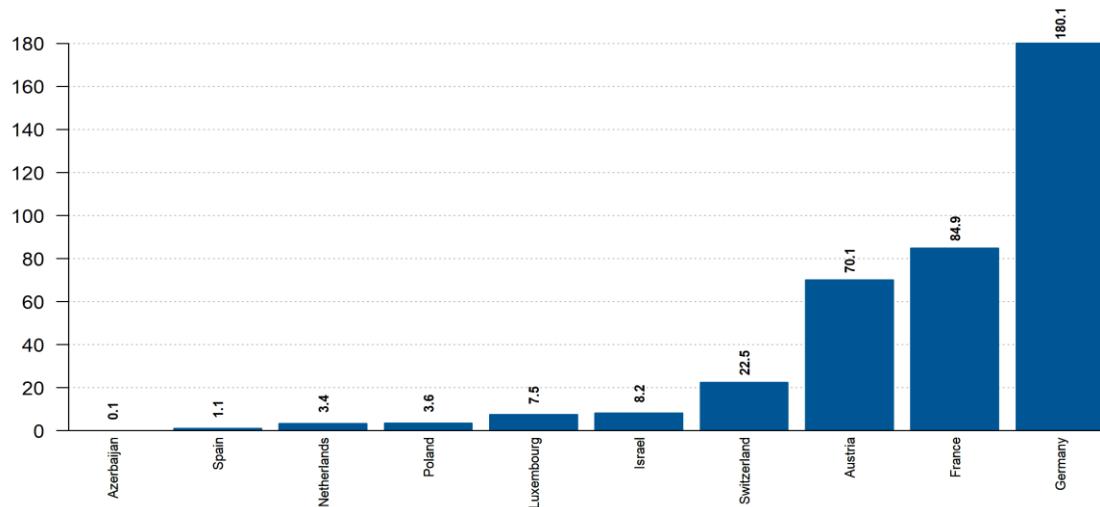
FigS35: Hospitals providing access to wearable cardioverter defibrillators (WCD) (per million people)



Missing data: Belgium, Croatia, Ireland, Italy, Sweden, United Kingdom.

Reported value zero: Algeria, Armenia, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Cyprus, Czechia, Denmark, Egypt, Estonia, Finland, Republic of Georgia, Greece, Hungary, Iceland, Kazakhstan, Republic of Kosovo, Kyrgyzstan, Latvia, Lebanon, Lithuania, North Macedonia, Malta, Republic of Moldova, Montenegro, Norway, Portugal, Romania, Republic of San Marino, Serbia, Slovakia, Slovenia, Tunisia, Türkiye, Ukraine, Uzbekistan.

FigS36: Total number of patients wearing wearable cardioverter defibrillators (WCD) (per million people)

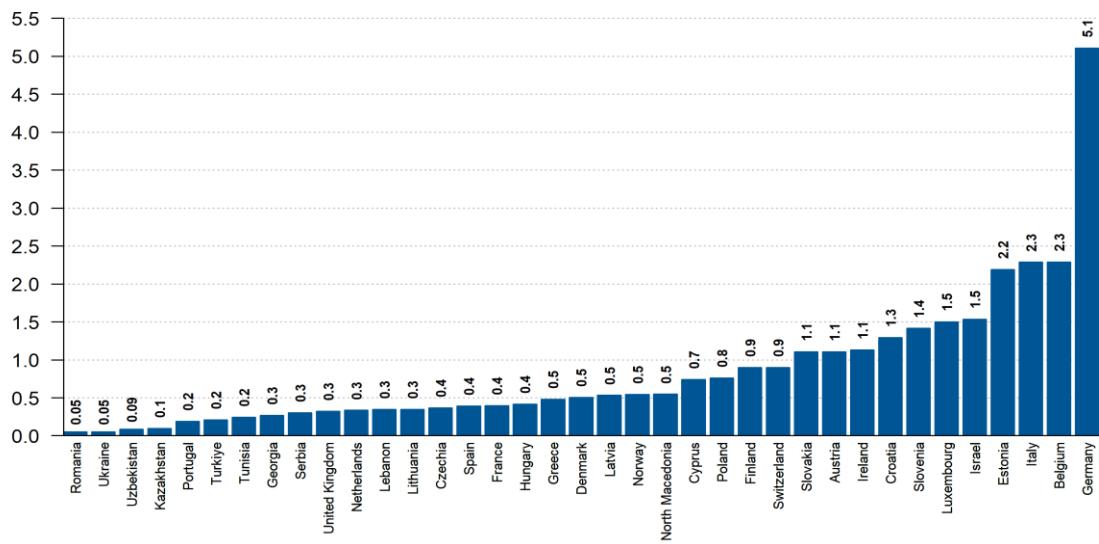


Missing data: Belgium, Croatia, Ireland, Italy, Sweden, Tunisia, United Kingdom.

Reported value zero: Algeria, Armenia, Bosnia and Herzegovina, Bulgaria, Cyprus, Czechia, Denmark, Egypt, Estonia, Finland, Republic of Georgia, Greece, Hungary, Iceland, Kazakhstan, Republic of Kosovo, Kyrgyzstan, Latvia, Lebanon, Lithuania, North Macedonia, Malta, Republic of Moldova, Montenegro, Norway, Portugal, Romania, Republic of San Marino, Serbia, Slovakia, Slovenia, Türkiye, Ukraine, Uzbekistan.

Azerbaijan reported value 1.

FigS37: Hospitals with EP performing LAA closure (per million people)

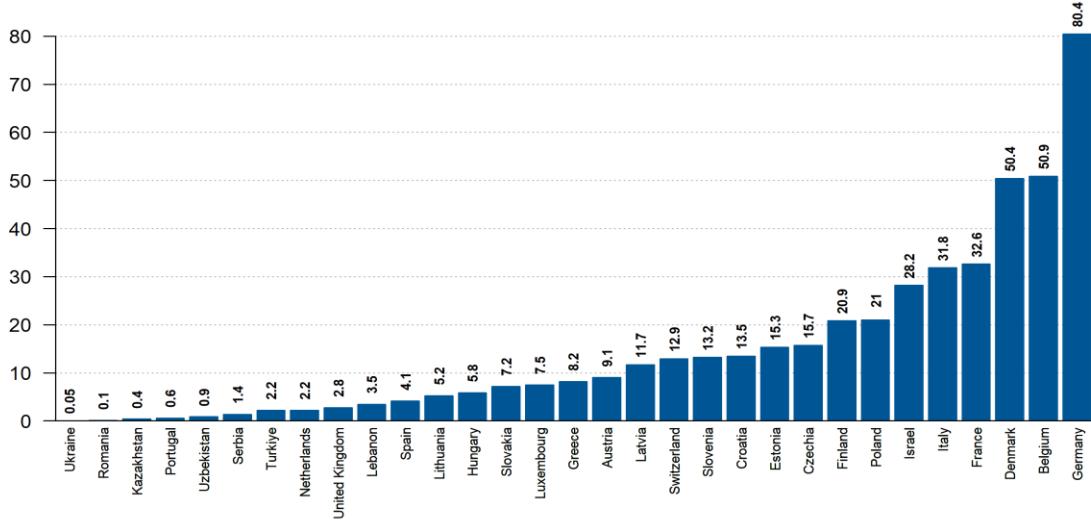


Missing data: Sweden.

Reported value zero: Algeria, Armenia, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Egypt, Iceland, Republic of Kosovo, Kyrgyzstan, Malta, Republic of Moldova, Montenegro, Republic of San Marino.

Cyprus, Georgia, Latvia, Lithuania, Luxembourg, North Macedonia, Romania reported value 1.

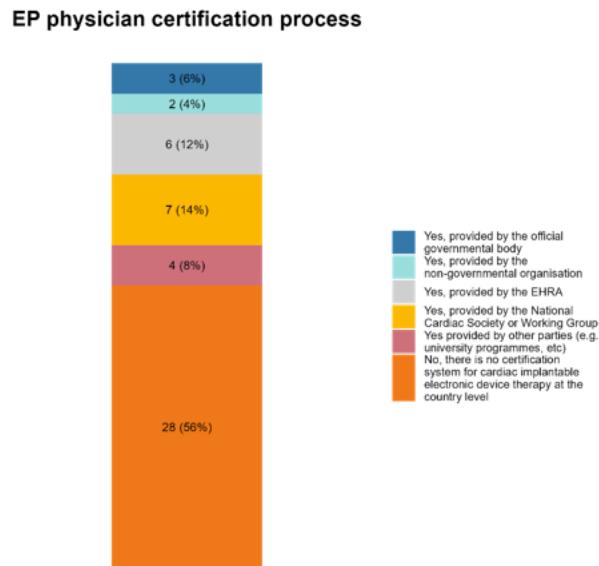
FigS38: Total number of LAA closures where EP operator is directly involved in the procedure (per million people)



Missing data: Cyprus, Ireland, North Macedonia, Norway, Republic of Georgia, Sweden, Tunisia.

Reported value zero: Algeria, Armenia, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Egypt, Iceland, Republic of Kosovo, Kyrgyzstan, Malta, Republic of Moldova, Montenegro, Republic of San Marino.

FigS39: EP physician certification process



Yes, provided by the official governmental body: Moldova; Romania; Ukraine.

Yes, provided by the non-governmental organisation: Czechia; Portugal.

Yes, provided by the EHRA: Belgium; Croatia; Malta; Netherlands; Sweden; Switzerland.

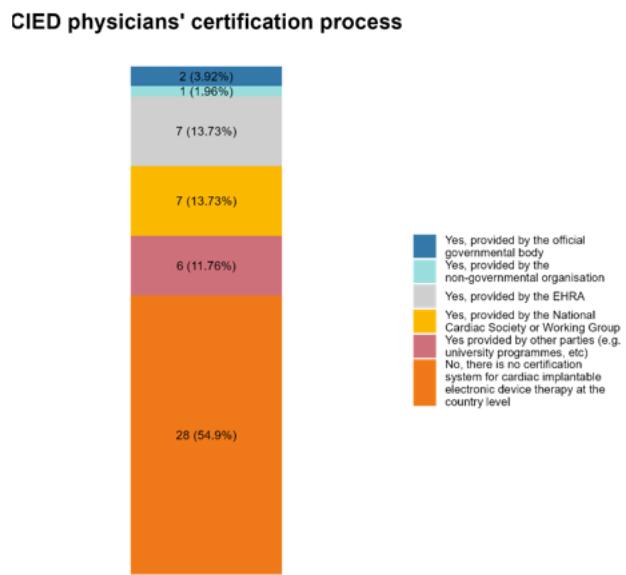
Yes, provided by the National Cardiac Society or Working Group: Georgia; Germany; Hungary; Kazakhstan; Latvia; Poland; Spain.

Yes, provided by other parties (e.g. university programmes, etc): Bulgaria; France; Lebanon; Tunisia.

No, there is no certification system for cardiac implantable electronic device therapy at the country level: Algeria; Armenia; Austria; Azerbaijan; Bosnia and Herzegovina; Cyprus; Denmark; Egypt; Estonia; Finland; Greece; Iceland; Ireland; Israel; Italy; Kosovo; Kyrgyzstan; Lithuania; Luxembourg; Montenegro; North Macedonia; Norway; San Marino; Serbia; Slovakia; Slovenia; Türkiye; Uzbekistan.

Missing data: United Kingdom

FigS40: CIED physician certification process



Yes, provided by the official governmental body: Moldova; Romania.

Yes, provided by the non-governmental organisation: Czechia.

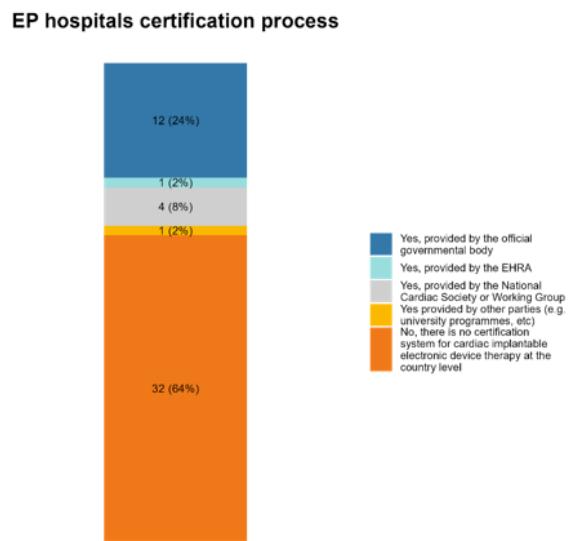
Yes, provided by the EHRA: Belgium; Croatia; Malta; Netherlands; Sweden; Switzerland; United Kingdom.

Yes, provided by the National Cardiac Society or Working Group: Austria; Georgia; Germany; Hungary; Kazakhstan; Latvia; Poland.

Yes, provided by other parties (e.g. university programmes, etc): Bulgaria; France; Lebanon; North Macedonia; Slovakia; Tunisia.

No, there is no certification system for cardiac implantable electronic device therapy at the country level: Algeria; Armenia; Azerbaijan; Bosnia and Herzegovina; Cyprus; Denmark; Egypt; Estonia; Finland; Greece; Iceland; Ireland; Israel; Italy; Kosovo; Kyrgyzstan; Lithuania; Luxembourg; Montenegro; Norway; Portugal; San Marino; Serbia; Slovenia; Spain; Türkiye; Ukraine; Uzbekistan.

FigS41: EP hospitals certification process



Yes, provided by the official governmental body: Belgium; Denmark; France; Hungary; Latvia; Lebanon; Moldova; Romania; Slovakia; Slovenia; Ukraine; Uzbekistan.

Yes, provided by the EHRA: Sweden.

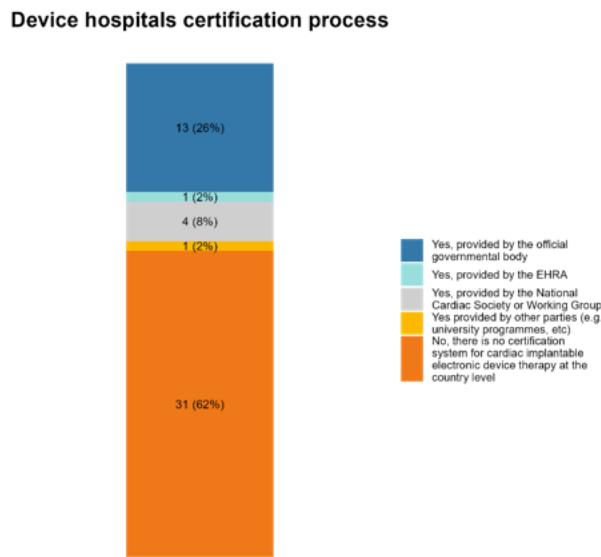
Yes, provided by the National Cardiac Society or Working Group: Czechia; Germany; Netherlands; Spain; Sweden.

Yes, provided by other parties (e.g. university programmes, etc): Estonia.

No, there is no certification system for cardiac implantable electronic device therapy at the country level: Algeria; Armenia; Austria; Azerbaijan; Bosnia and Herzegovina; Bulgaria; Croatia; Cyprus; Egypt; Finland; Georgia; Greece; Iceland; Ireland; Israel; Italy; Kazakhstan; Kosovo; Kyrgyzstan; Lithuania; Luxembourg; Malta; Montenegro; North Macedonia; Norway; Poland; Portugal; San Marino; Serbia; Switzerland; Tunisia; Türkiye.

Missing data: United Kingdom

FigS42: Device hospitals certification process



Yes, provided by the official governmental body: Belgium; Denmark; France; Greece; Hungary; Latvia; Lebanon; Moldova; Romania; Slovakia; Slovenia; Ukraine; Uzbekistan.

Yes, provided by the EHRA: Sweden.

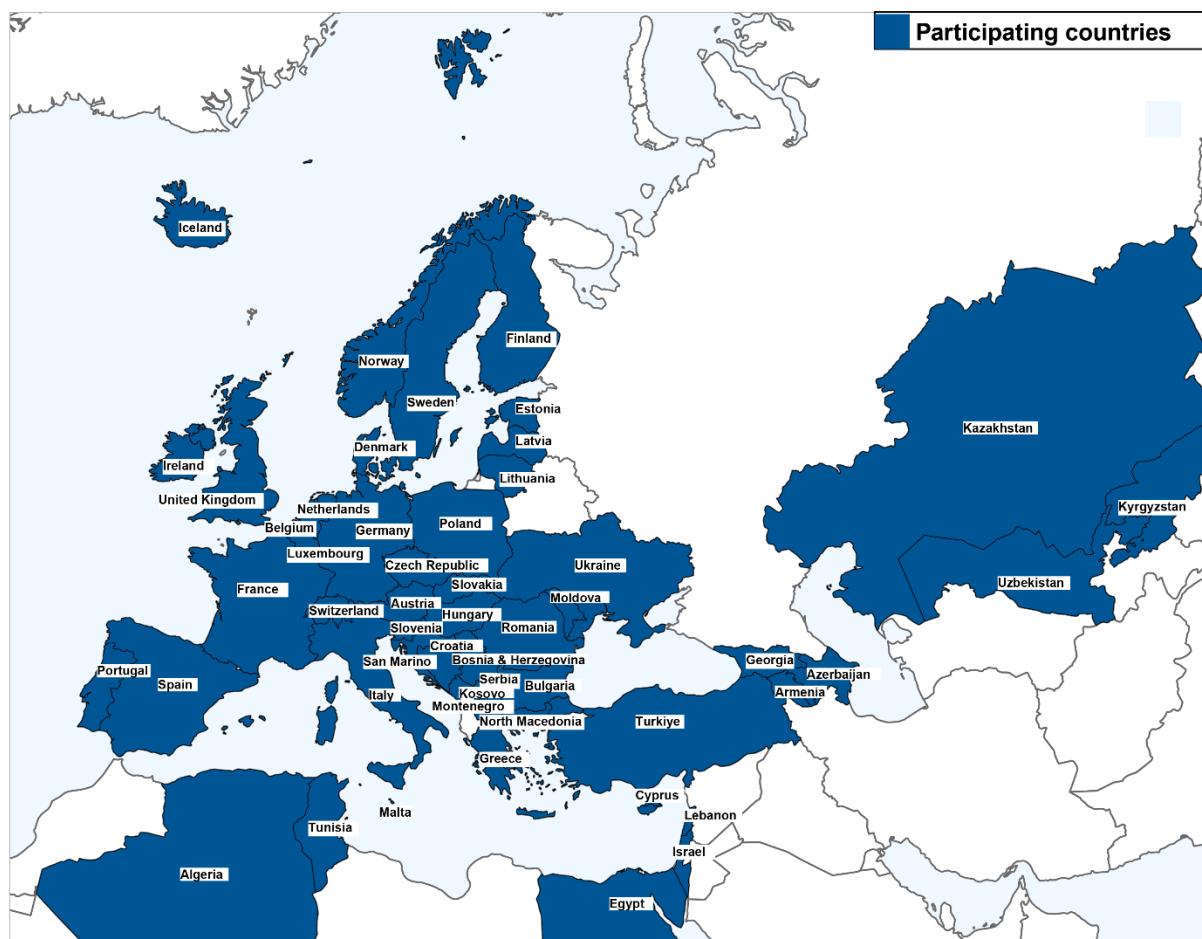
Yes, provided by the National Cardiac Society or Working Group: Czechia; Germany; Netherlands; Spain.

Yes, provided by other parties (e.g. university programmes, etc): Estonia.

No, there is no certification system for cardiac implantable electronic device therapy at the country level: Algeria; Armenia; Austria; Azerbaijan; Bosnia and Herzegovina; Bulgaria; Croatia; Cyprus; Egypt; Finland; Georgia; Iceland; Ireland; Israel; Italy; Kazakhstan; Kosovo; Kyrgyzstan; Lithuania; Luxembourg; Malta; Montenegro; North Macedonia; Norway; Poland; Portugal; San Marino; Serbia; Switzerland; Tunisia; Türkiye.

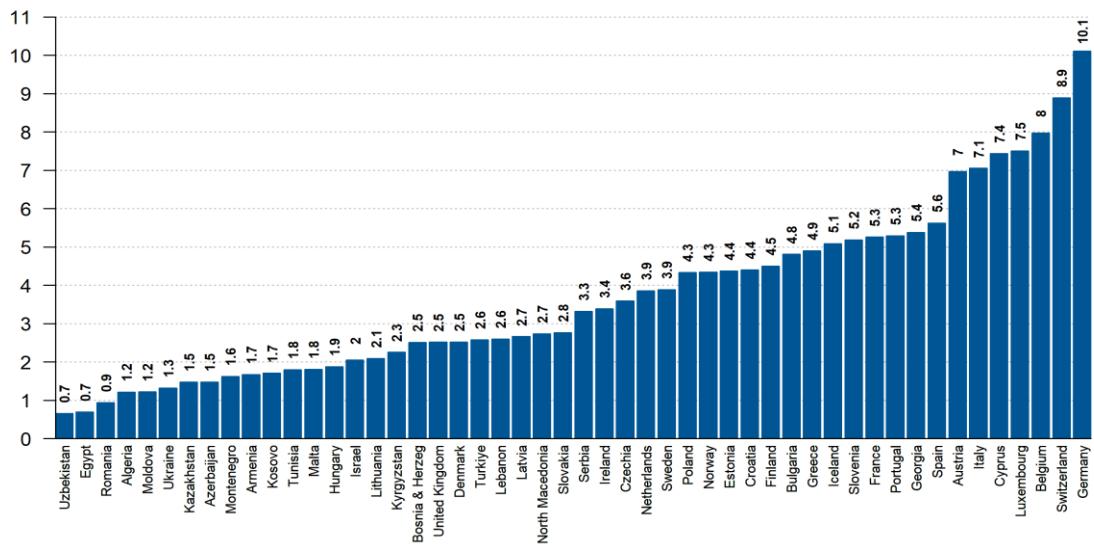
Missing data: United Kingdom

FigS43. Countries participating in the 2025 ESC-EHRA Atlas on Heart Rhythm Disorders



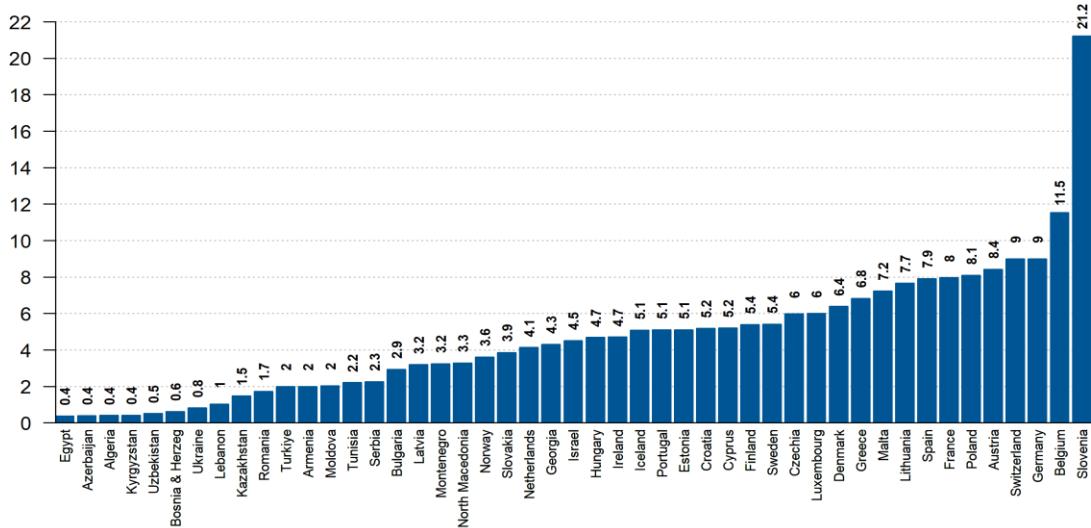
Additional versions of figures presented in the manuscript.

Fig. 1. The number of hospitals per million people in each country that perform electrophysiology procedures for diagnostic or interventional purposes, as well as those that implant cardiac electronic devices.



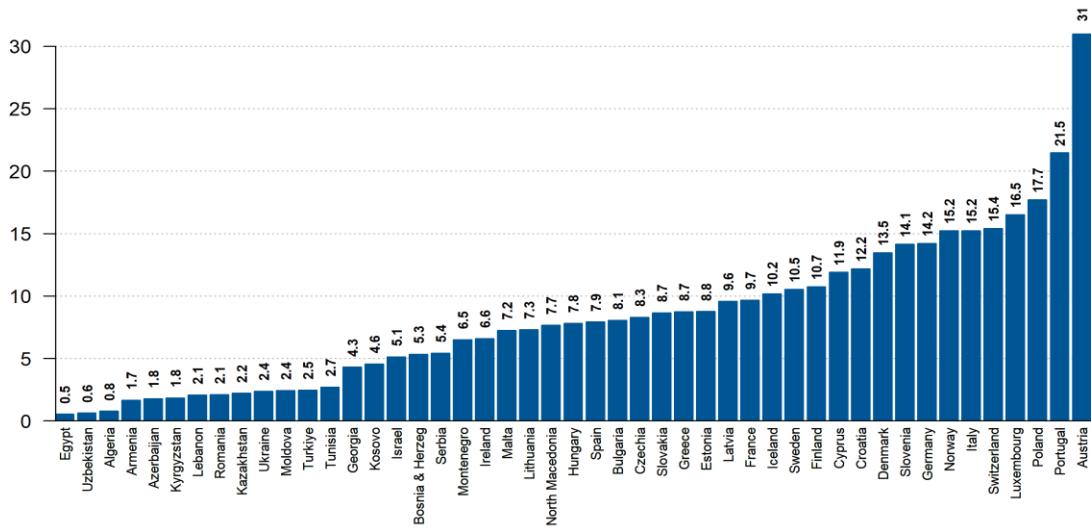
Malta, Montenegro, and Republic of San Marino reported only one hospital.

Fig. 2.a. Number of operators in electrophysiology per million people per country.



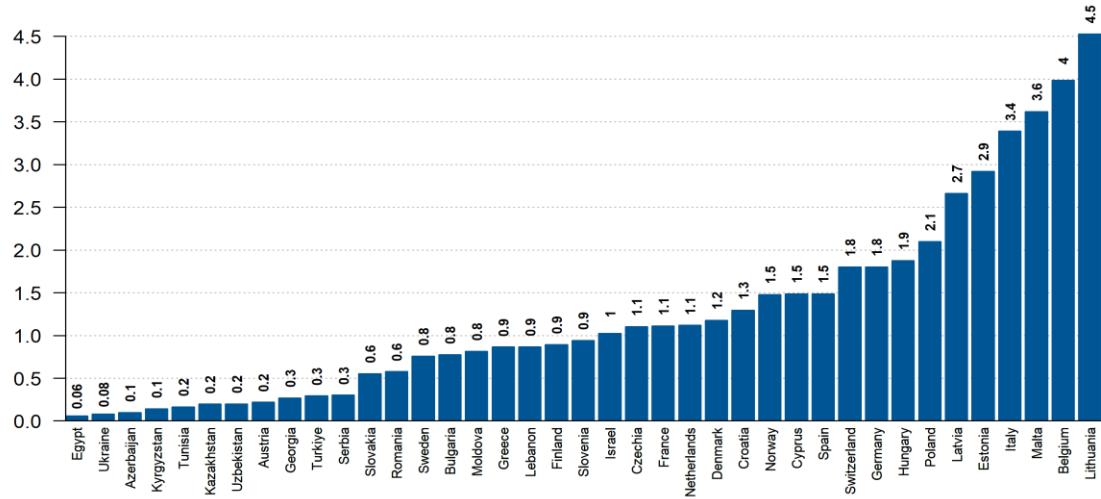
Republic of Kosovo reported 0 while Republic of San Marino reported only one EP operator. Missing data: Italy, United Kingdom.

Fig. 2.b. Number of operators in cardiac implantable electronic devices per million people per country.



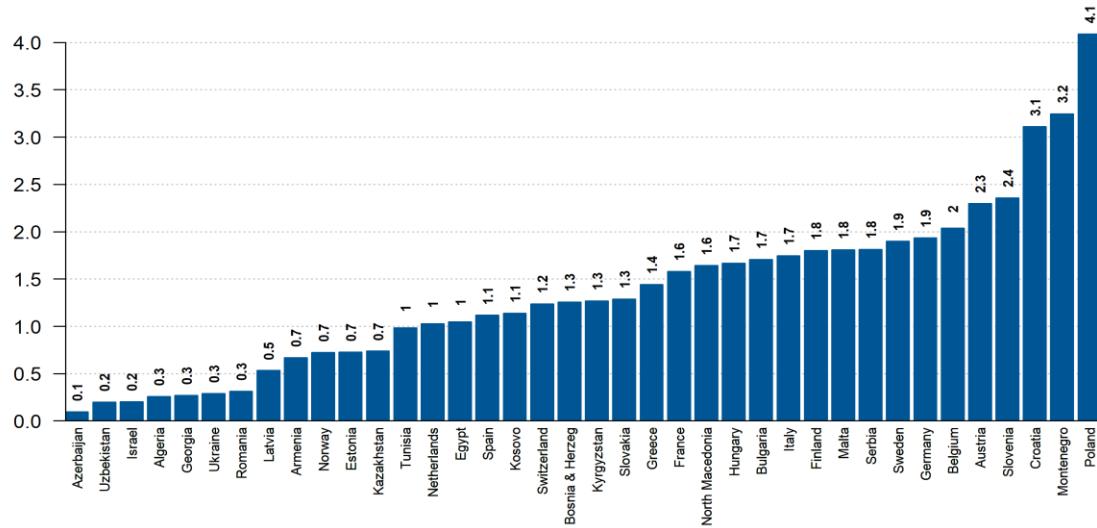
Republic of San Marino reported 0 CIED operators. Missing data: Belgium, Netherlands, United Kingdom.

Fig. 2.c. Number of operators in transvenous lead extraction per million people per country.



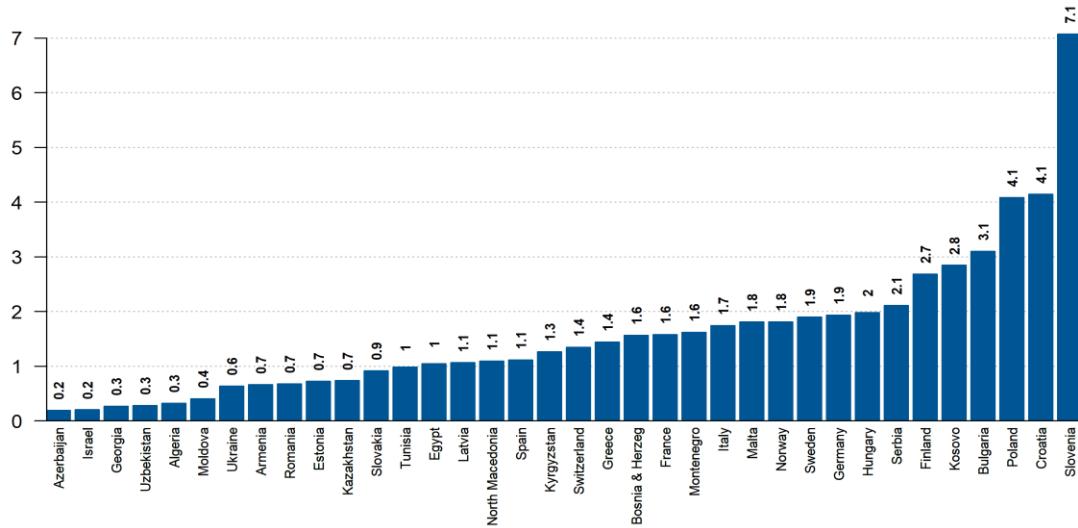
Algeria, Armenia, Bosnia and Herzegovina, Iceland, Republic of Kosovo, North Macedonia, Montenegro, and Republic of San Marino reported 0 TLE operators. Missing data: Algeria, Ireland, and Luxembourg, Portugal, United Kingdom.

Fig 3.a. Numbers of fellows in electrophysiology per million people per country.



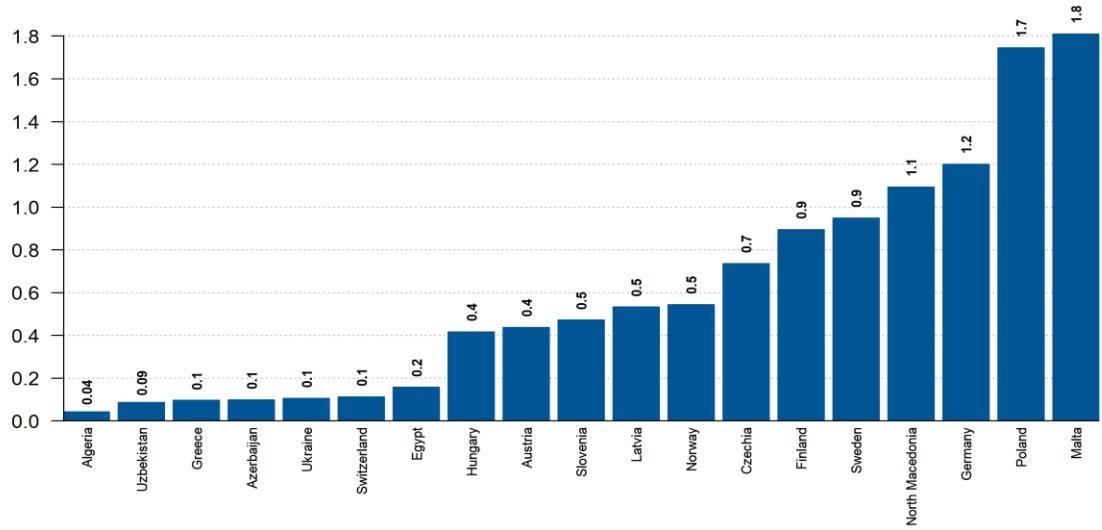
Cyprus, Iceland, Lebanon, Lithuania, Luxembourg, Republic of Moldova, and Türkiye reported 0 EP fellows.
Missing data: Czechia, Denmark, Ireland, Portugal, Republic of San Marino, United Kingdom.

Fig 3.b. Numbers of fellows in cardiac implantable electronic devices per million people per country.



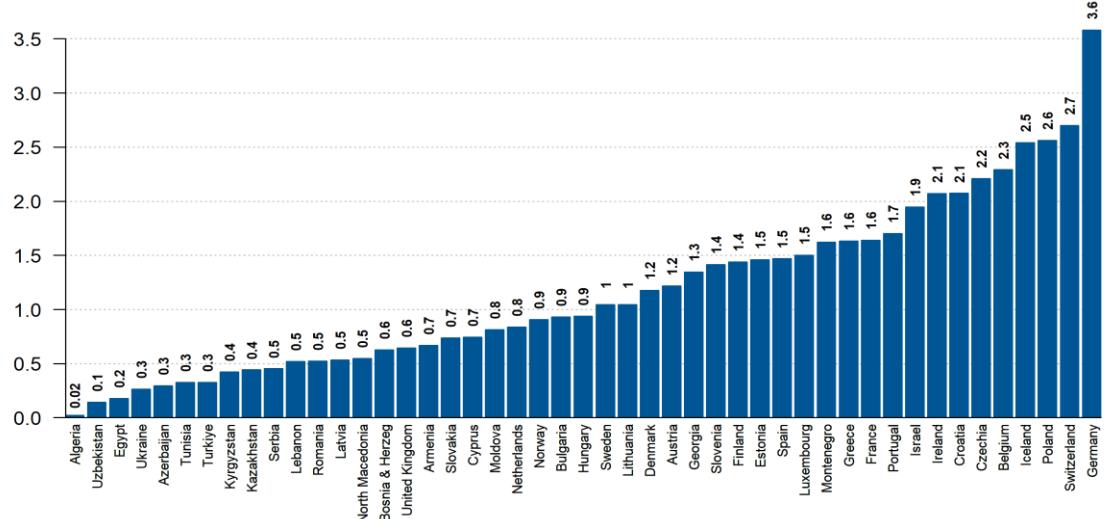
Cyprus, Iceland, Lebanon, Lithuania, Luxembourg, and Republic of San Marino, and Türkiye reported 0 CIED fellows. Missing data: Austria, Belgium, Czechia, Denmark, Ireland, Netherlands, Portugal, United Kingdom.

Fig 3.c. Numbers of fellows in transvenous lead extraction per million people per country.



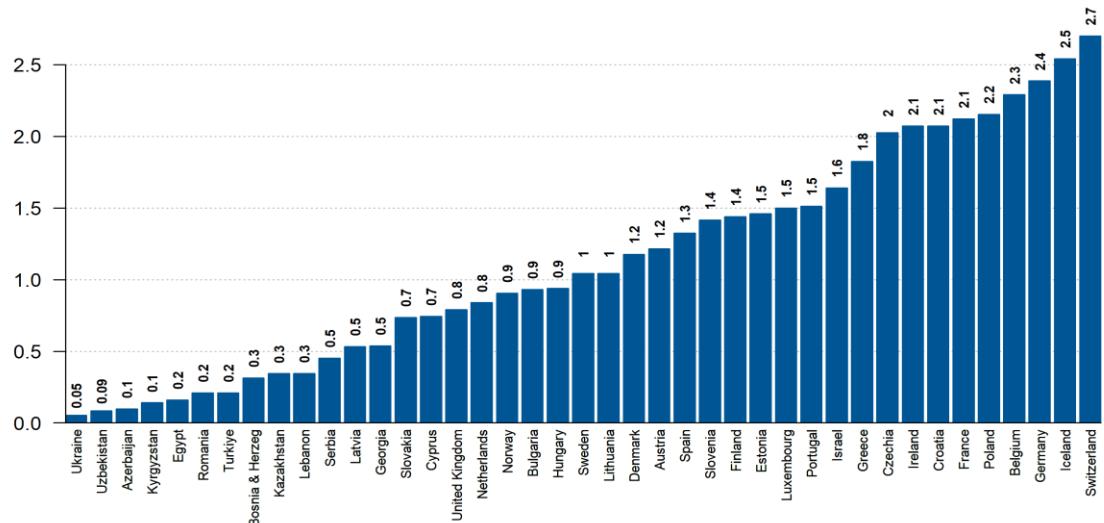
Armenia, Bosnia and Herzegovina, Cyprus, Estonia, Republic of Georgia, Iceland, Israel, Republic of Kosovo, Kyrgyzstan, Lebanon, Lithuania, Luxembourg, Republic of Moldova, Montenegro, Romania, Republic of San Marino, Serbia, Slovakia, and Türkiye reported 0 TLE fellows. Missing data: Belgium, Bulgaria, Croatia, Denmark, France, Ireland, Italy, Kazakhstan, Netherlands, Portugal, Spain, Tunisia, and United Kingdom.

Fig. 4.a. Number of hospitals by country performing ≥ 100 of any ablations for heart rhythm disorders per million people.



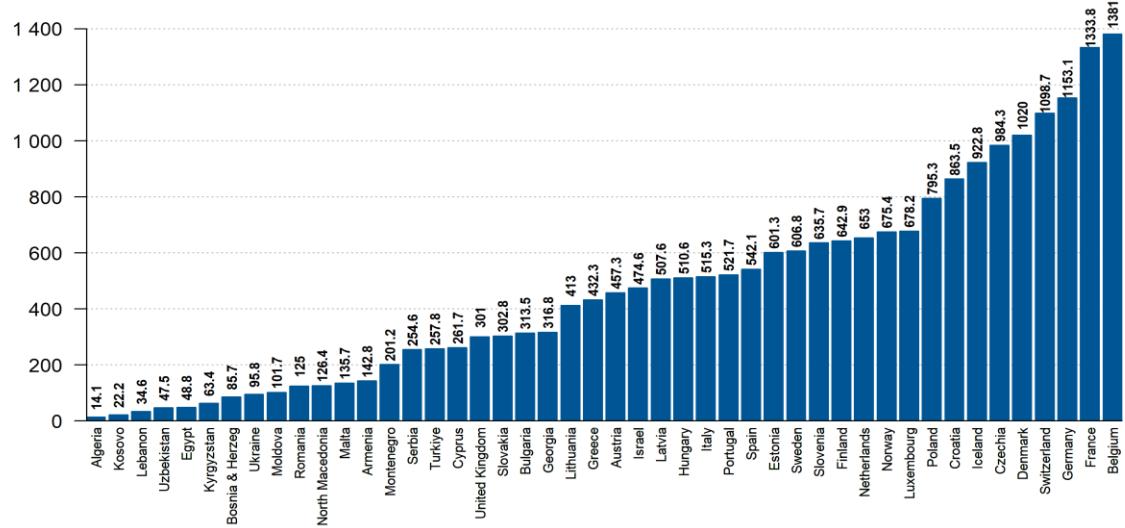
Republic of Kosovo, Malta, Republic of San Marino reported 0 while Algeria, Cyprus, Iceland, Latvia, Luxembourg, Montenegro, and North Macedonia reported only one hospital. Missing data: Italy.

Fig. 4.b. Number of hospitals by country performing ≥ 50 of atrial fibrillation ablations per million people.



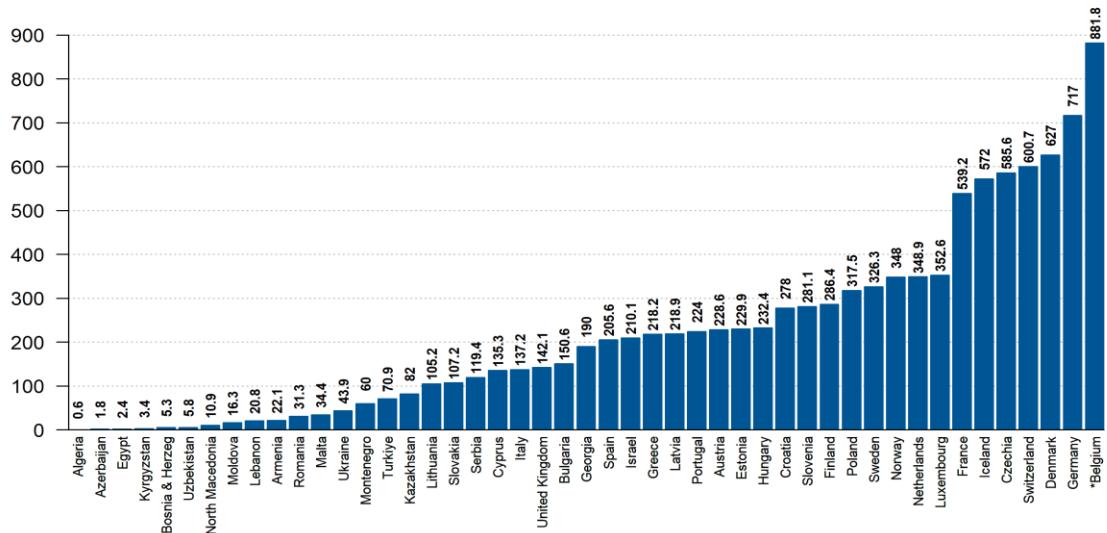
Algeria, Armenia, Republic of Kosovo, North Macedonia, Malta, Republic of Moldova, Montenegro, Republic of San Marino reported 0 while Azerbaijan, Bosnia & Herzegovina, Cyprus, Iceland, Kyrgyzstan, Latvia, and Luxembourg reported only one hospital. Missing data: Italy, Tunisia.

Fig. 5.a. Number of ablation procedures for heart rhythm disorders per million people by country.



Republic of San Marino reported 0 ablations. Missing data: Azerbaijan, Ireland, Kazakhstan, Tunisia.

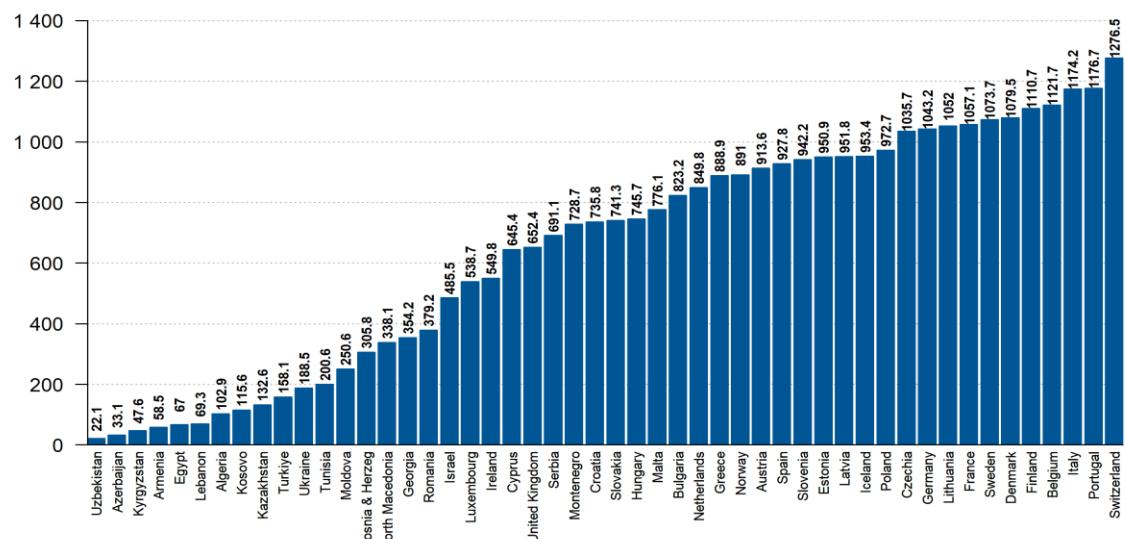
Fig. 5.b. Number of atrial fibrillation ablations per million people by country.



Republic of Kosovo and Republic of San Marino reported 0 AF ablations. Missing data: Ireland, Tunisia.

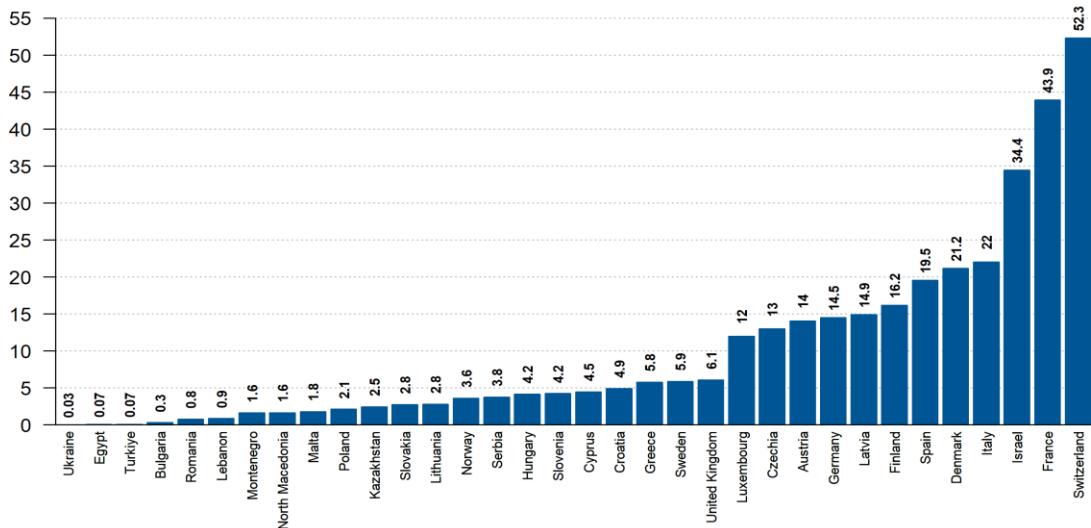
* Belgium reported atrial fibrillation and other complex left atrial ablations together, in accordance with national rules on procedure reporting for reimbursement.

Fig. 6. Number of pacemaker implantations regardless of type or indication.



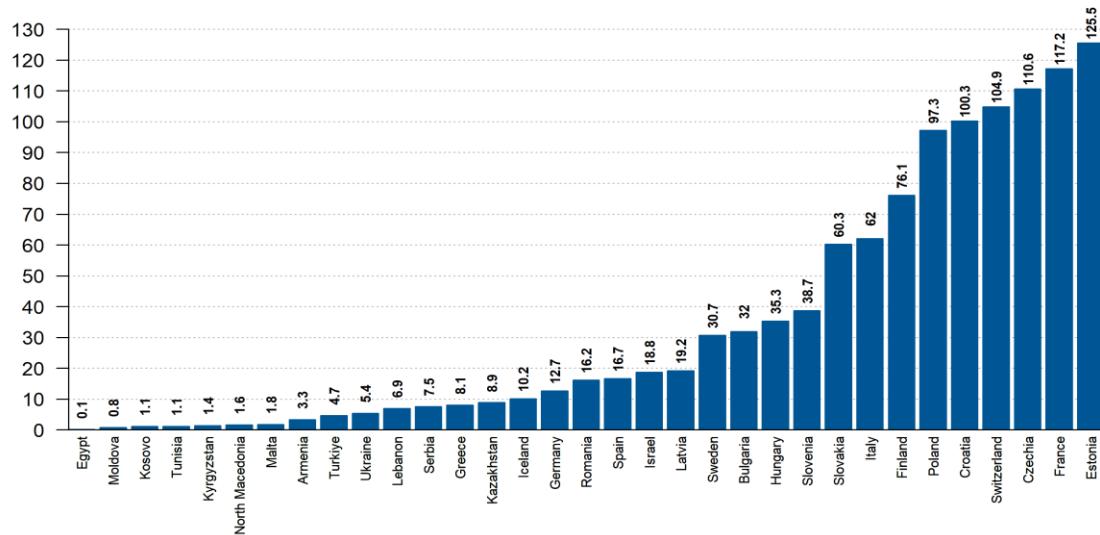
Missing data: Republic of San Marino.

Fig. 7.a. Number of leadless pacemaker implantations per million people by country



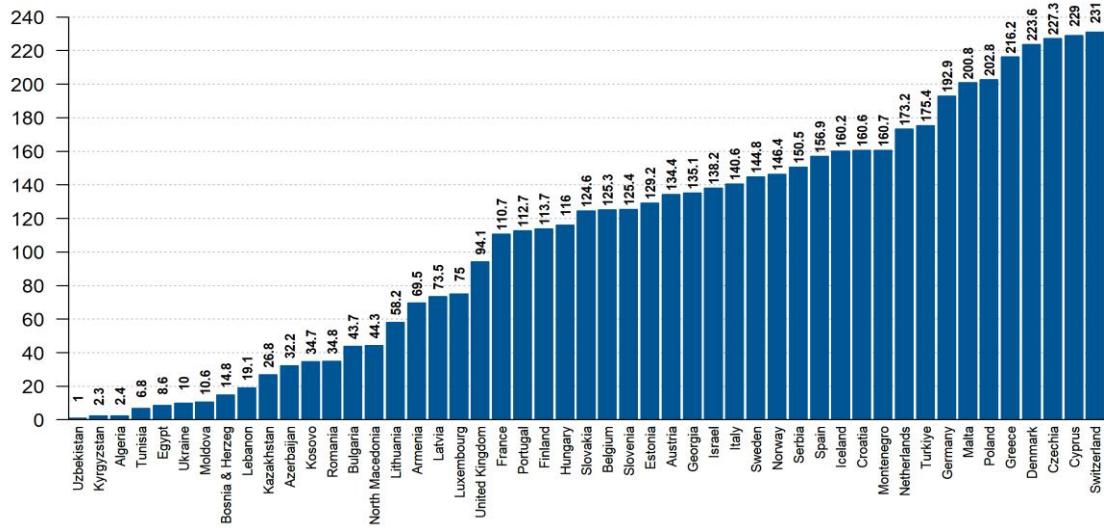
Algeria, Armenia, Azerbaijan, Bosnia and Herzegovina, Estonia, Republic of Georgia, Iceland, Republic of Kosovo, Kyrgyzstan, Republic of Moldova, Portugal, Tunisia, and Uzbekistan reported 0 leadless pacemaker implantations. Missing data: Belgium, Ireland, Netherlands, Republic of San Marino.

Fig. 7.b. Number of conduction system pacing stimulator implantations per million people by country.



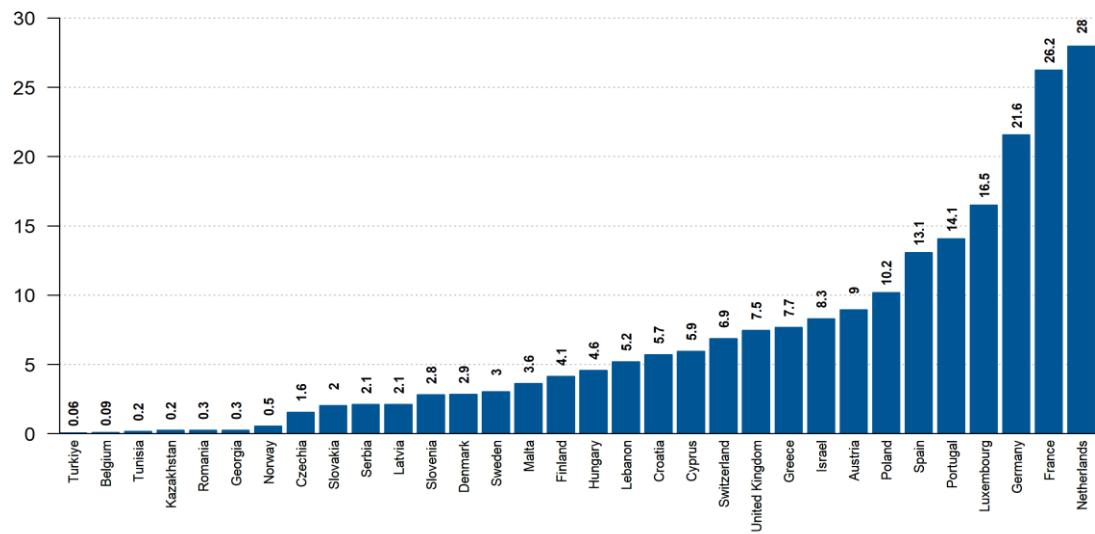
Algeria, Azerbaijan, Bosnia and Herzegovina, Cyprus, Republic of Georgia, Lithuania, Montenegro, and Uzbekistan reported 0 CSP pacemaker implantations. Missing data: Luxembourg, Austria, Belgium, Denmark, Ireland, Netherlands, Norway, Portugal, Republic of San Marino, United Kingdom.

Fig. 8.a. Number of conventional implantable cardioverter-defibrillators implanted per million people by country.



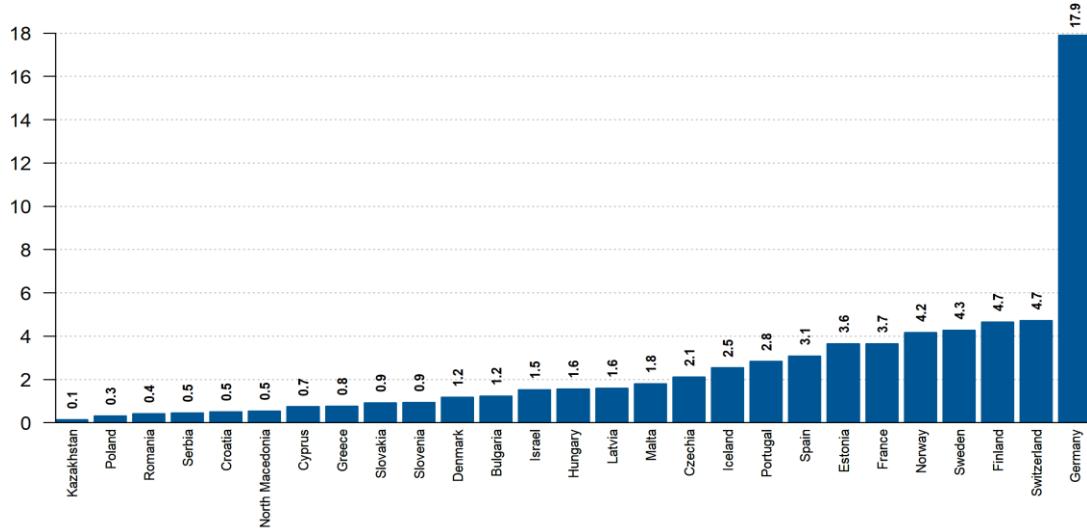
Missing data: Ireland, Republic of San Marino.

Fig. 8.b. Number of subcutaneous/extravascular cardioverter-defibrillators implanted per million people by country.



Algeria, Armenia, Azerbaijan, Bosnia and Herzegovina, Bulgaria, Egypt, Estonia, Iceland, Republic of Kosovo, Kyrgyzstan, Lithuania, North Macedonia, Republic of Moldova, Montenegro, Ukraine, and Uzbekistan reported 0 implantations. Missing data: Ireland, Italy, Republic of San Marino.

Fig. 9. Number of hospitals per one million people that perform remote monitoring of cardiac implantable electronic devices.



Algeria, Armenia, Azerbaijan, Bosnia and Herzegovina, Egypt, Republic of Georgia, Republic of Kosovo, Kyrgyzstan, Lebanon, Lithuania, Montenegro, Republic of Moldova, Tunisia, Türkiye, Ukraine, Uzbekistan reported 0 while Cyprus, Iceland, Malta, North Macedonia reported only one hospital. Missing data: Luxembourg, Austria, Belgium, Ireland, Italy, Netherlands, Republic of San Marino, United Kingdom.