

TAVI Monitor

Panel Report Full Year 2017

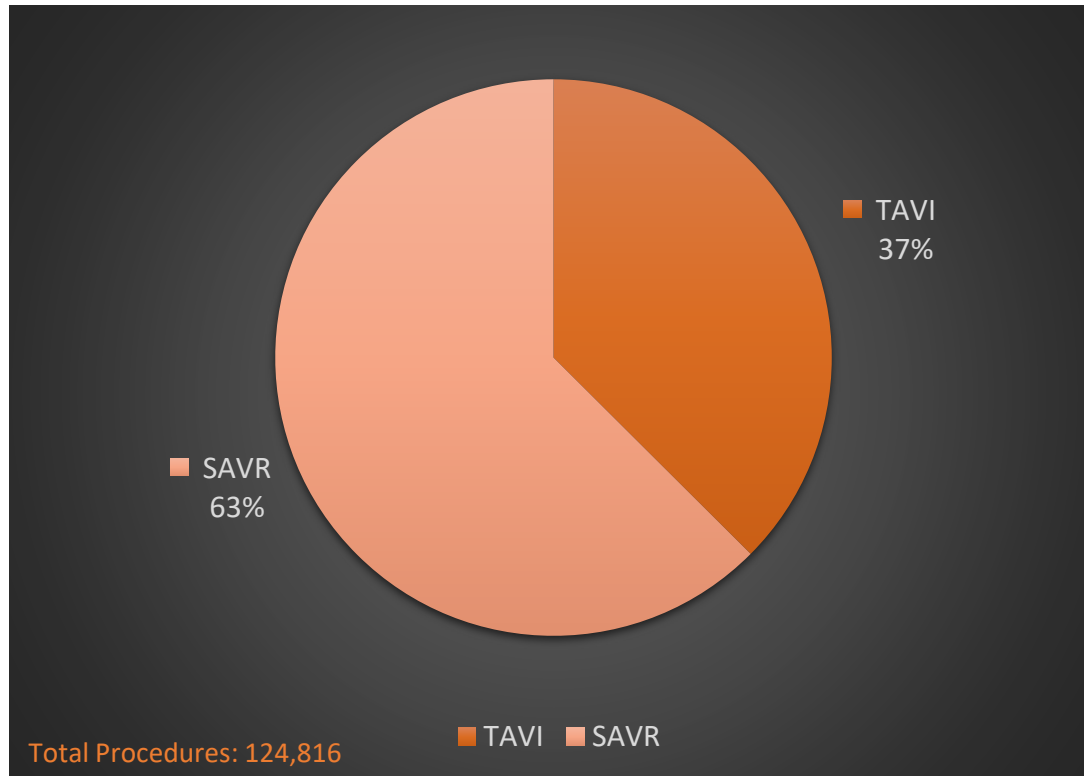


TAVI Western Europe

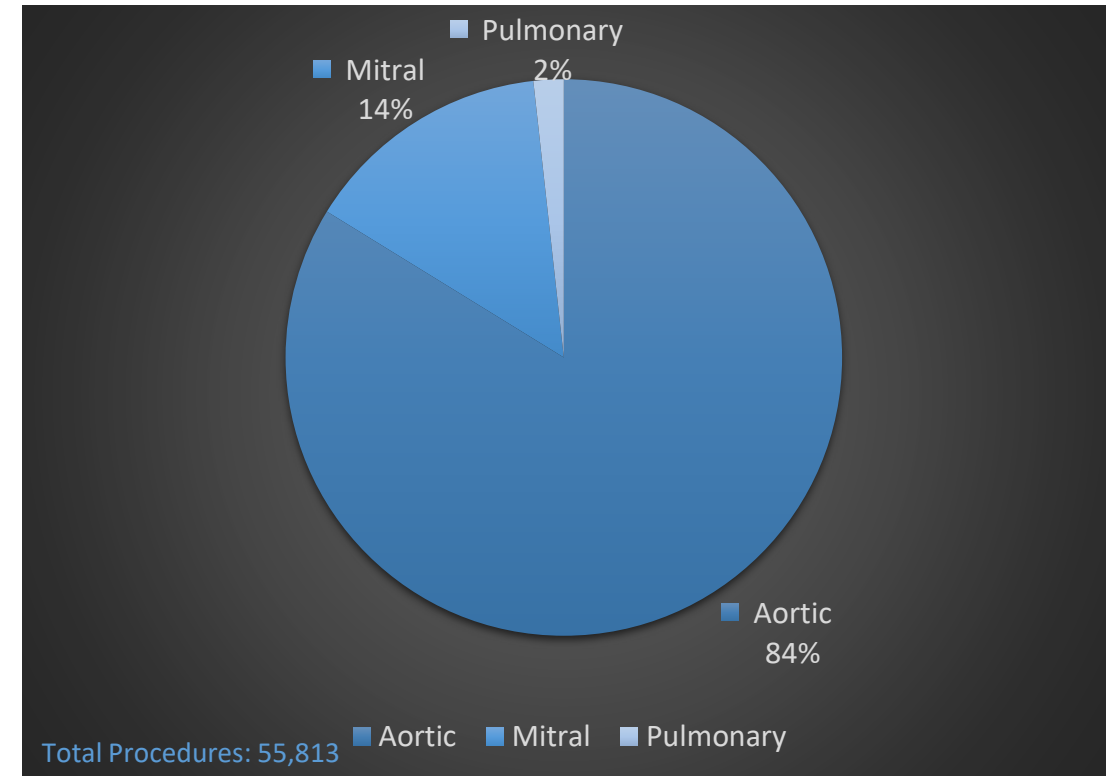
Full Year 2017 European Procedural Breakdown

Heart Procedures: Europe Overview

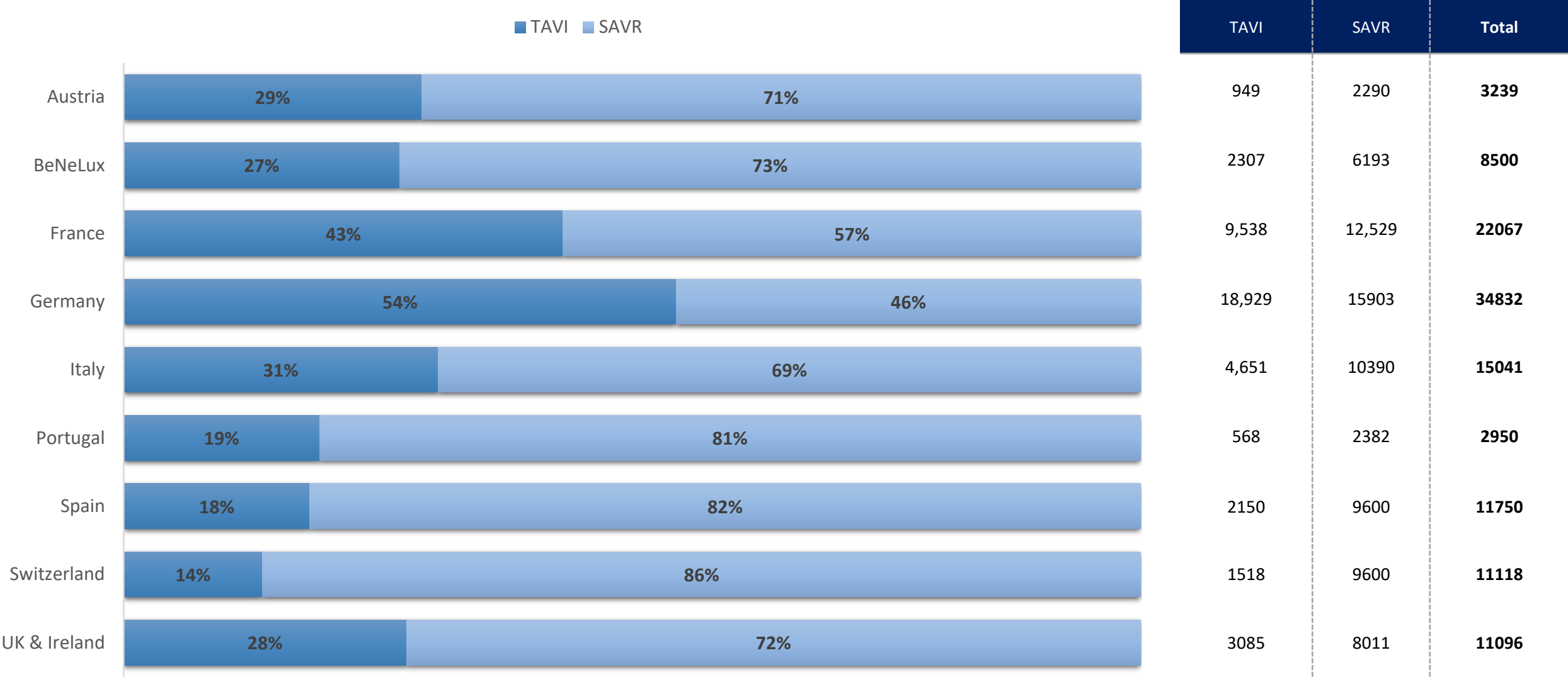
TAVI vs. SAVR



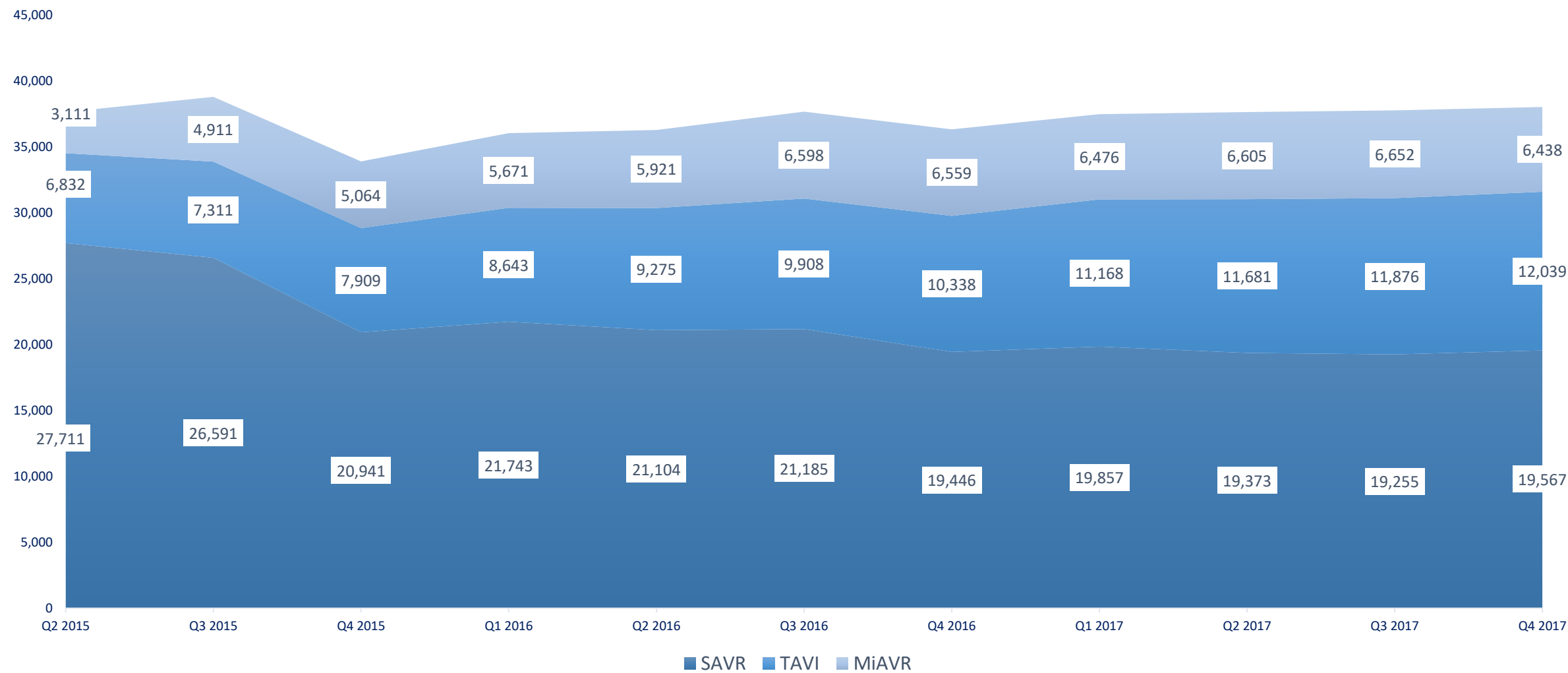
Transcatheter Heart Procedures: Aortic, Mitral and Pulmonary



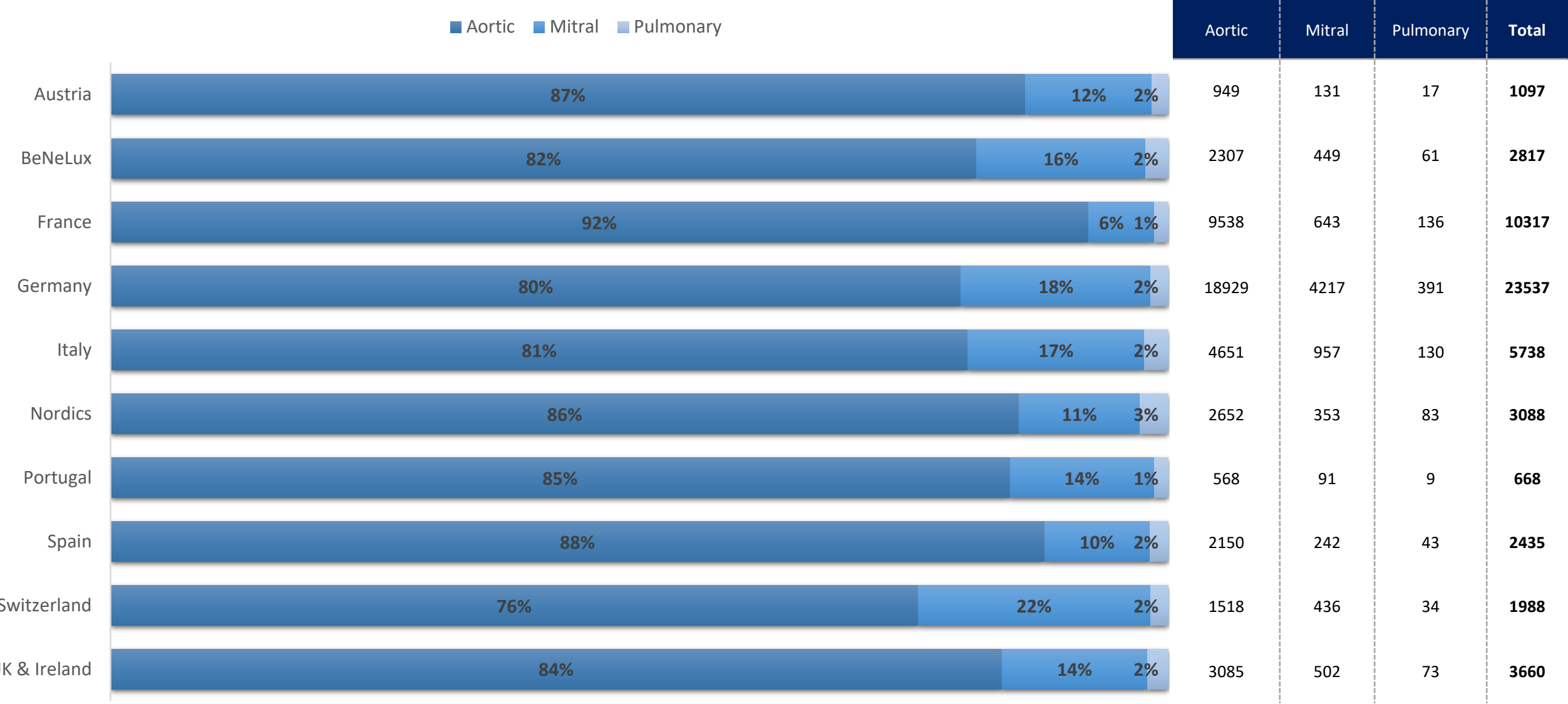
TAVI vs. SAVR: By Country



Proportion of SAVR, MiAVR and TAVI valves over time



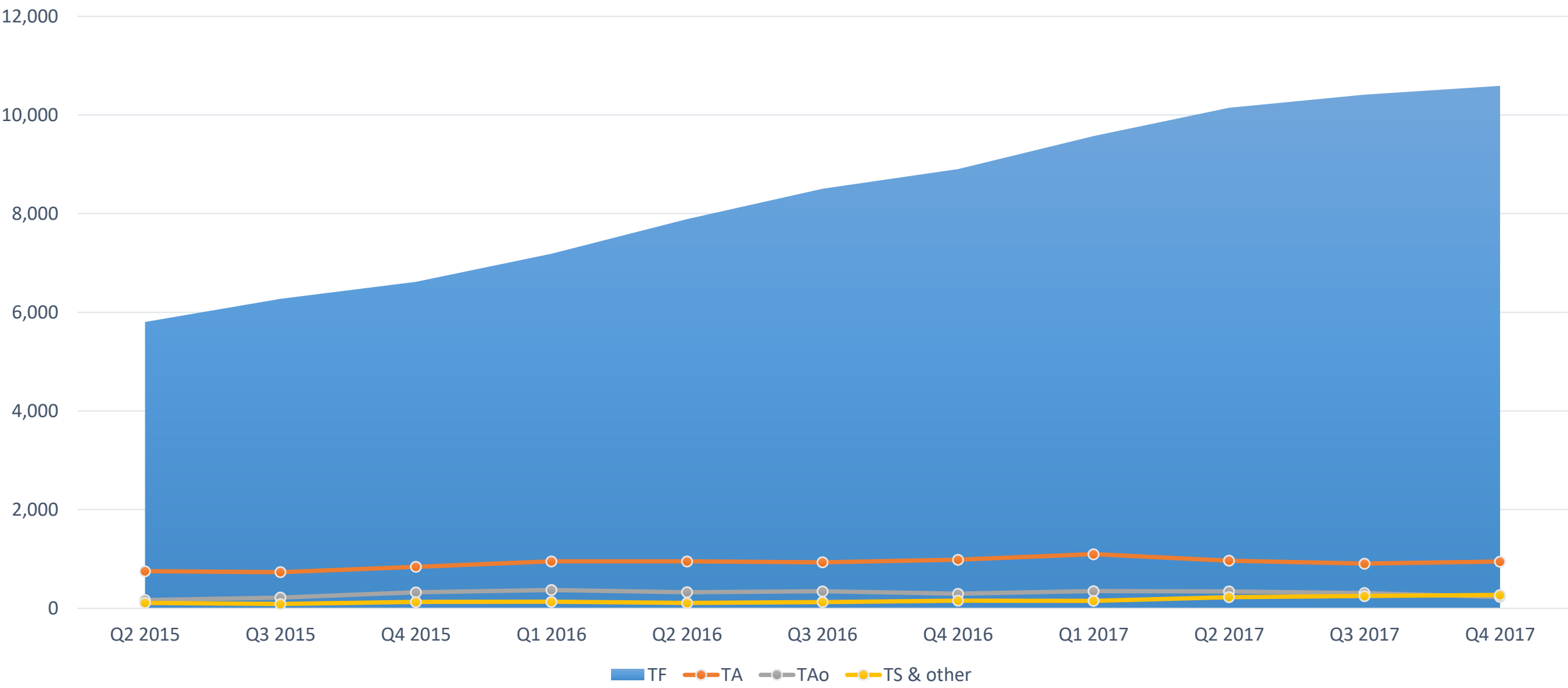
Transcatheter Heart Procedures: Aortic, Mitral and Pulmonary- By Country



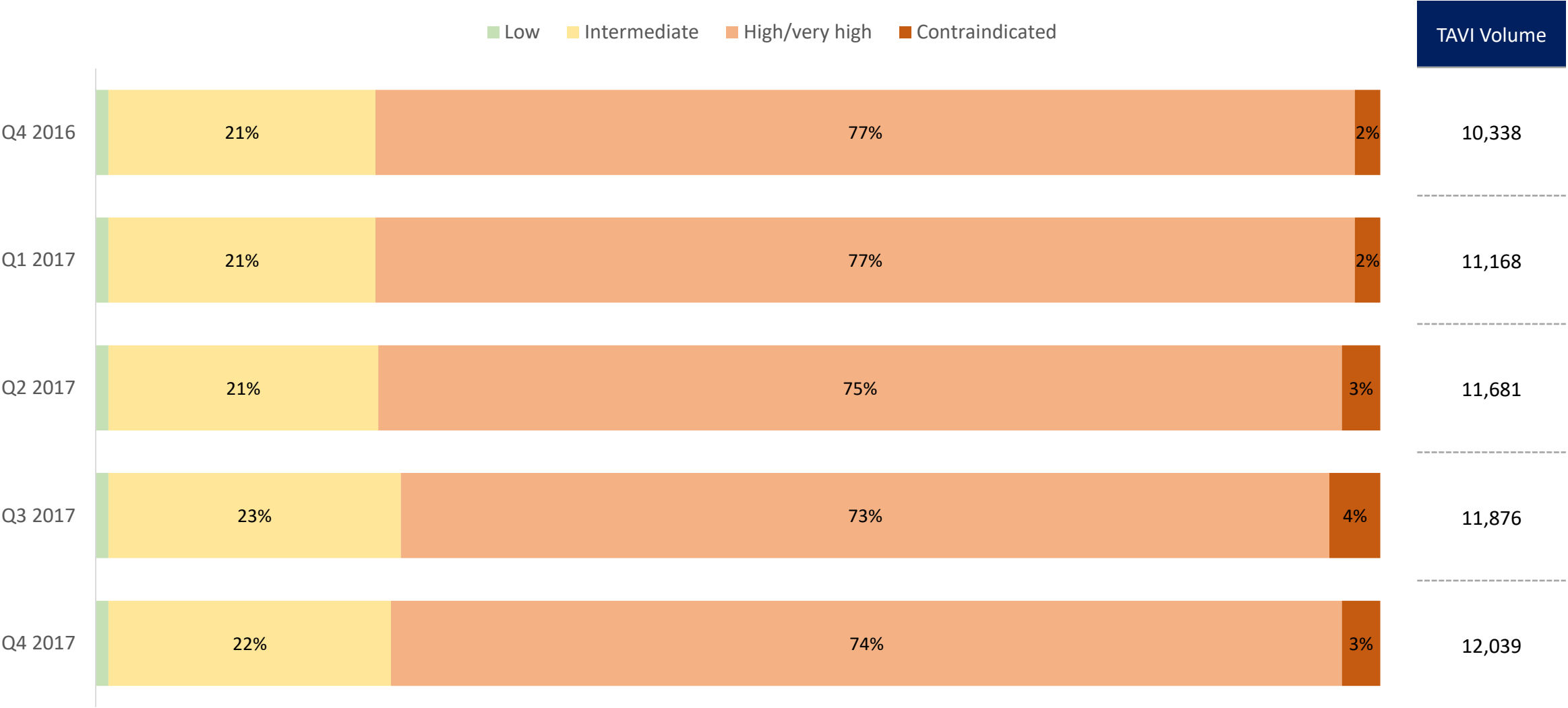
Access Route and Valve-in-Valve volumes

Country	Direct Aortic	Subcl./Other	Transapical	Transfemoral	Grand Total	Valve in valve
AUT	22	19	145	763	949	51
BEL	14	6	41	526	587	18
DNK	16	4	50	624	694	35
FIN	7	16	46	497	566	22
FRA	570	236	376	8,356	9,538	830
DEU	217	123	2,040	16,549	18,929	1,212
GRE	2	15	50	350	417	18
ITA	136	166	432	3,917	4,651	438
NLD	40	141	129	1,410	1,720	141
NOR	7	9	65	497	578	37
PRT	3	6	56	503	568	41
ESP	19	35	148	1,948	2,150	132
SWE	13	11	54	736	814	48
CHE	23	15	129	1,351	1,518	109
GBR	139	93	154	2,699	3,085	133
EUR	1,228	895	3,915	40,726	46,764	3,265

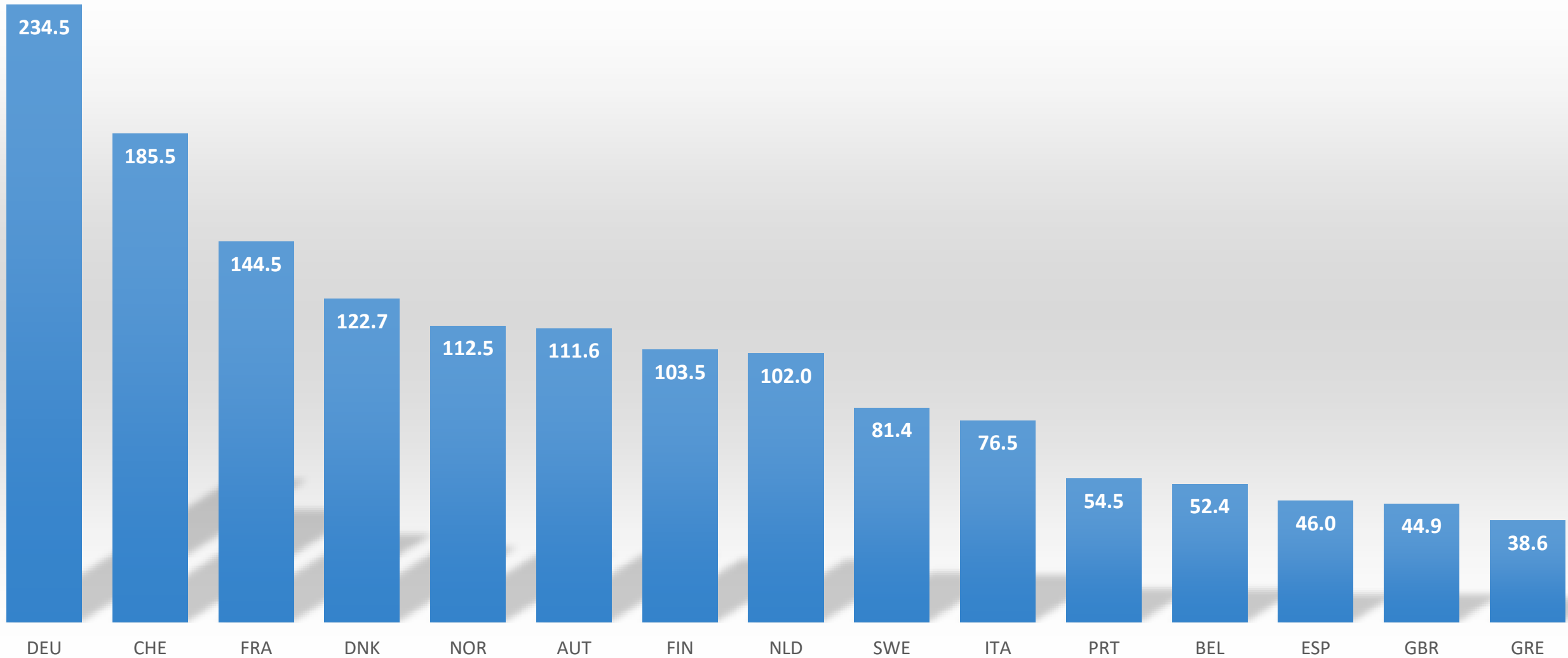
Access Route mix over time



TAVI Patient Risk Profile



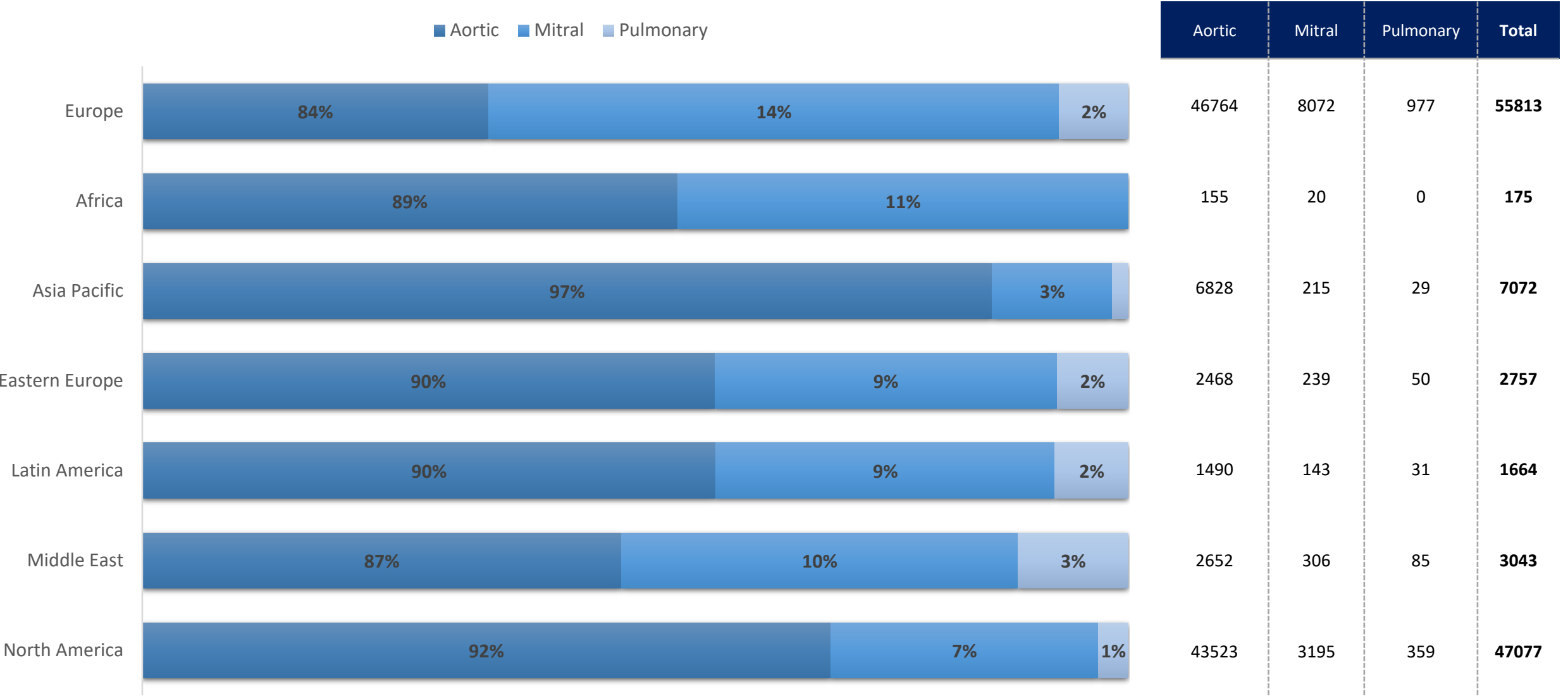
Ratio of TAVI implants per million inhabitants



TAVI Rest of World

Full Year 2017 Global Procedural Breakdown

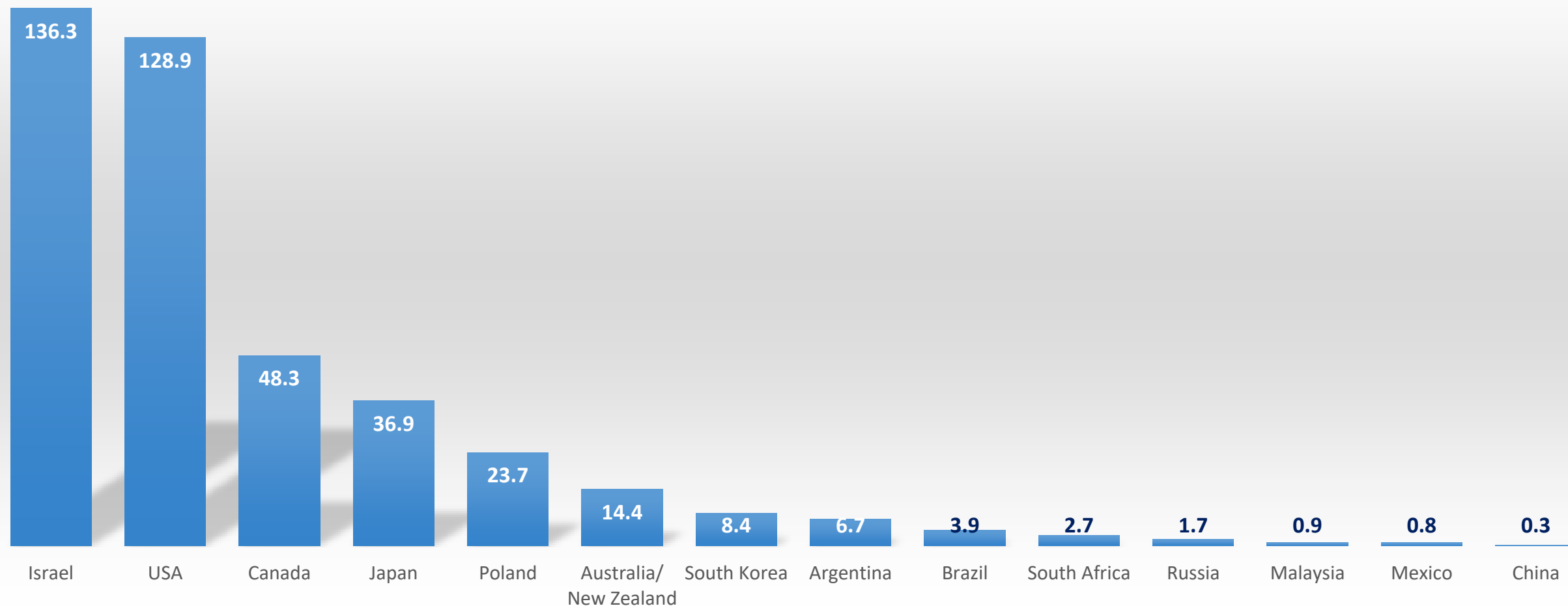
Heart Procedures: World Overview



Access Route volumes

Country	Subcl./Other	Direct Aortic	Transapical	Transfemoral	Grand Total
South Africa	3	3	15	131	152
Other Africa	1	5	11	138	155
Australia/ New Zealand	5	3	26	389	423
China	0	0	151	245	396
India	3	0	16	320	339
Malaysia	0	0	0	28	28
South Korea	0	2	46	382	430
Japan	19	62	811	3806	4698
Other Asia Pacific	3	6	43	462	514
Poland	5	18	83	799	905
Russia	0	0	44	207	251
Other Eastern Europe	11	42	202	2213	2468
Argentina	0	1	13	284	298
Brazil	18	9	28	772	827
Mexico	2	0	0	105	107
Other Latin America	11	16	13	218	258
Israel	5	4	31	1087	1127
Other Middle East	49	20	127	1329	1525
Canada	19	29	221	1498	1767
USA	474	657	3460	37165	41756

Ratio of TAVI implants per million inhabitants



About BIBA MedTech Insights

BIBA MedTech Insights is the global provider of medical device market insights with a client base that includes most of the major medical device companies.

BIBA MedTech Insights is able to deliver high quality information because it has invested in developing a network of hospital personnel willing to participate in research as a part of their European, North American and International monitors, through their six trade journals (including Cardiovascular News), as well as through the Charing Cross International Symposium, which is Europe's largest and leading vascular congress.

With our vast connection to a wide range of physicians, we are able to offer research opportunities in the vascular, neurovascular, cardiovascular and cardiac rhythm spaces. These opportunities include:

- In-depth Interviews and Focus Groups
- Online and Telephone Survey Participation

Founded in 1999, BIBA MedTech Insights is privately owned and has no related interests with any medical device company.

If you would like any additional information, please contact:

Cole Stirling

Research Analyst

(e): cole@bibamedical.com

Sharon Greyling

Junior Research Analyst

(e): Sharon@bibamedical.com

Kilian Toal

Research Analyst

(e): kilian@bibamedical.com

(w): www.bibamedtechinsights.com