

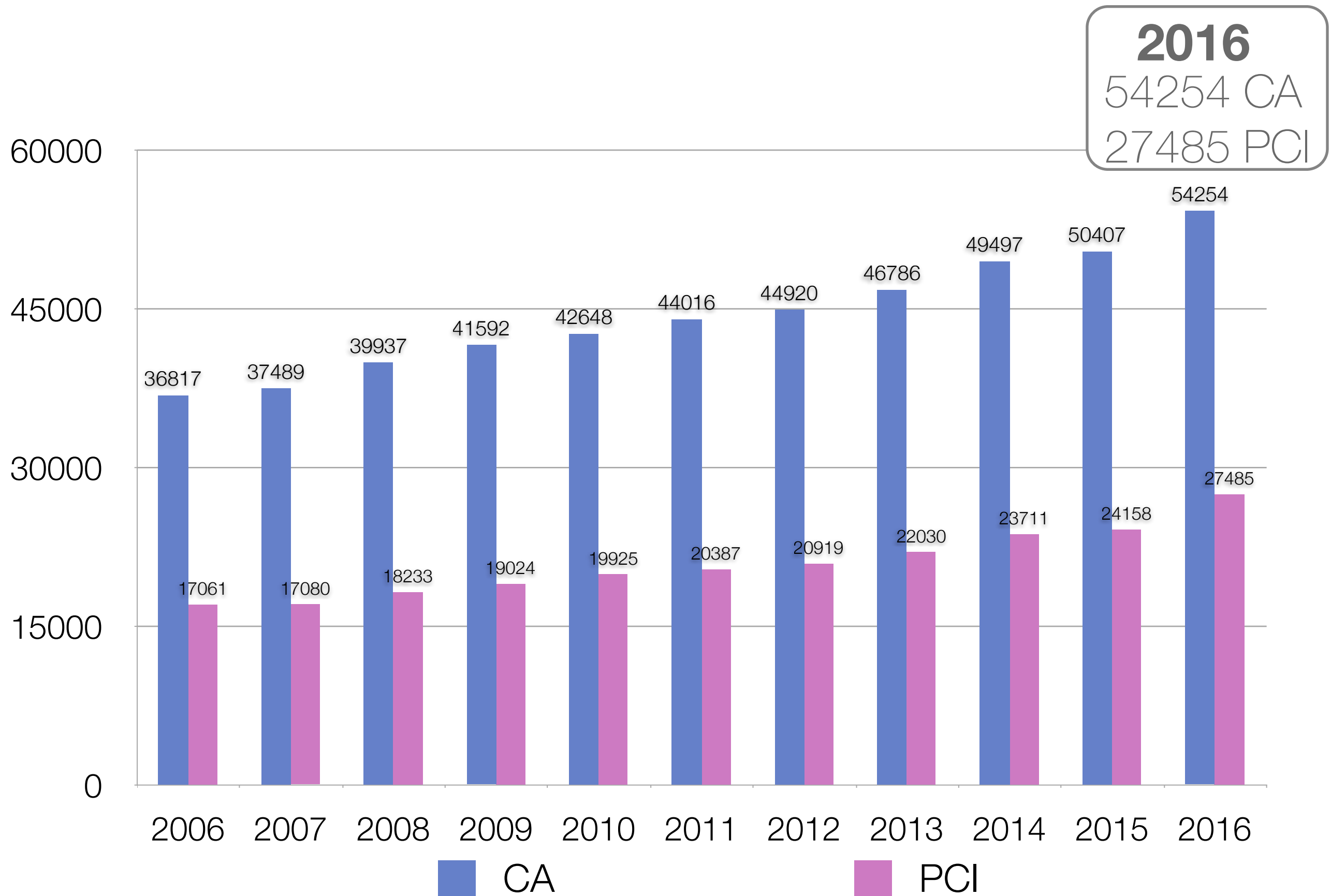
# Interventional Cardiology in Switzerland

Figures for the Year 2016

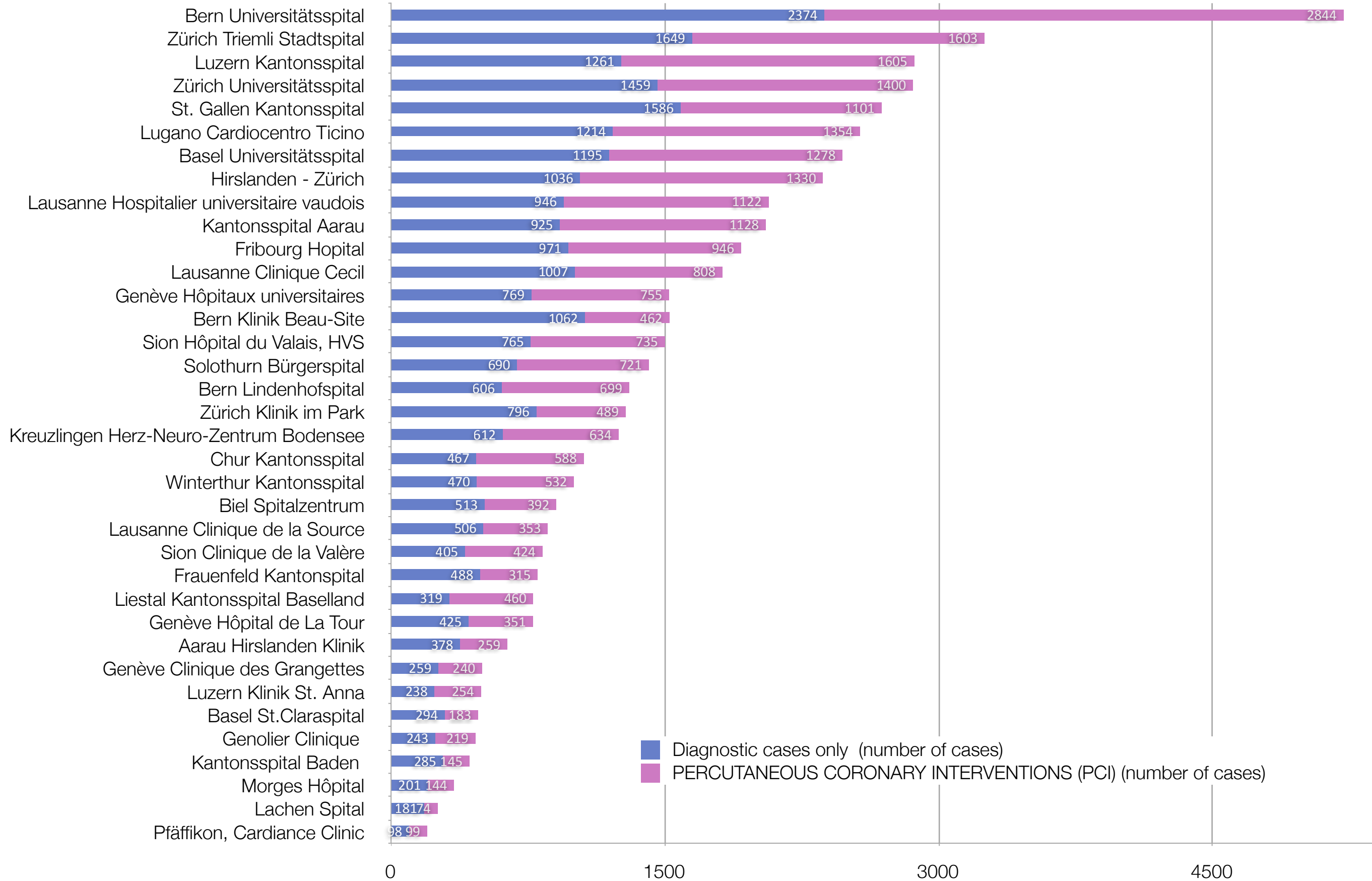
Samuel Schuell, Stéphane Cook, Peter Wenaweser,

On behalf of the Swiss Working Group of Interventional Cardiology and  
Acute Coronary Syndrome

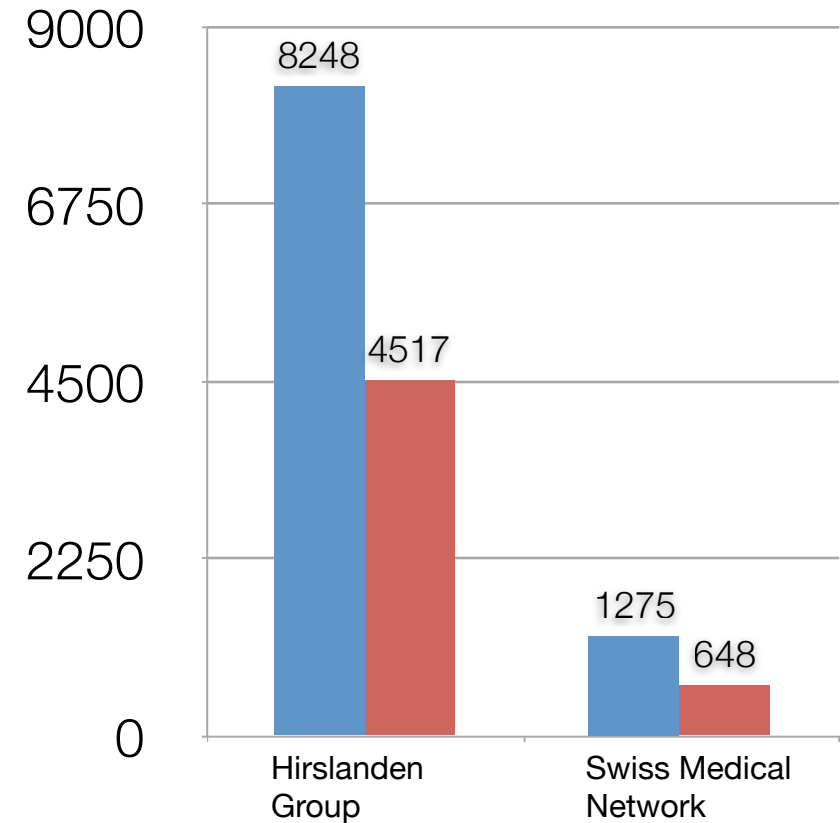
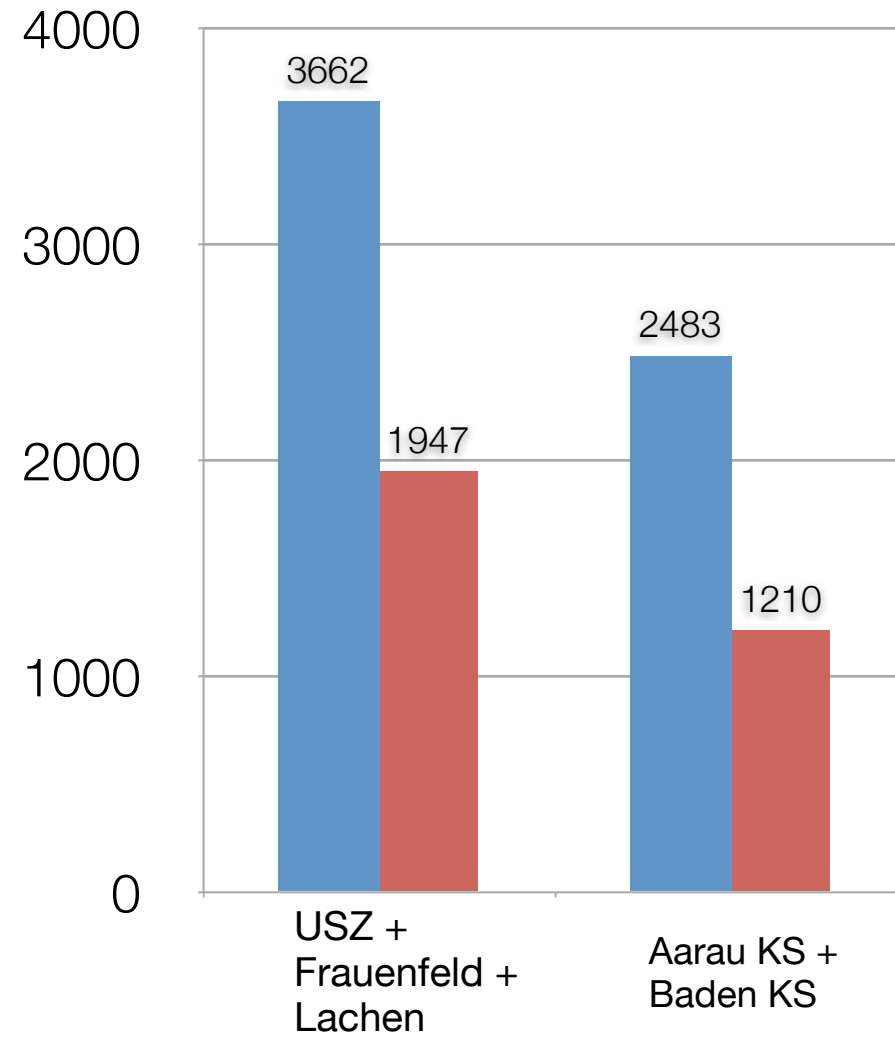
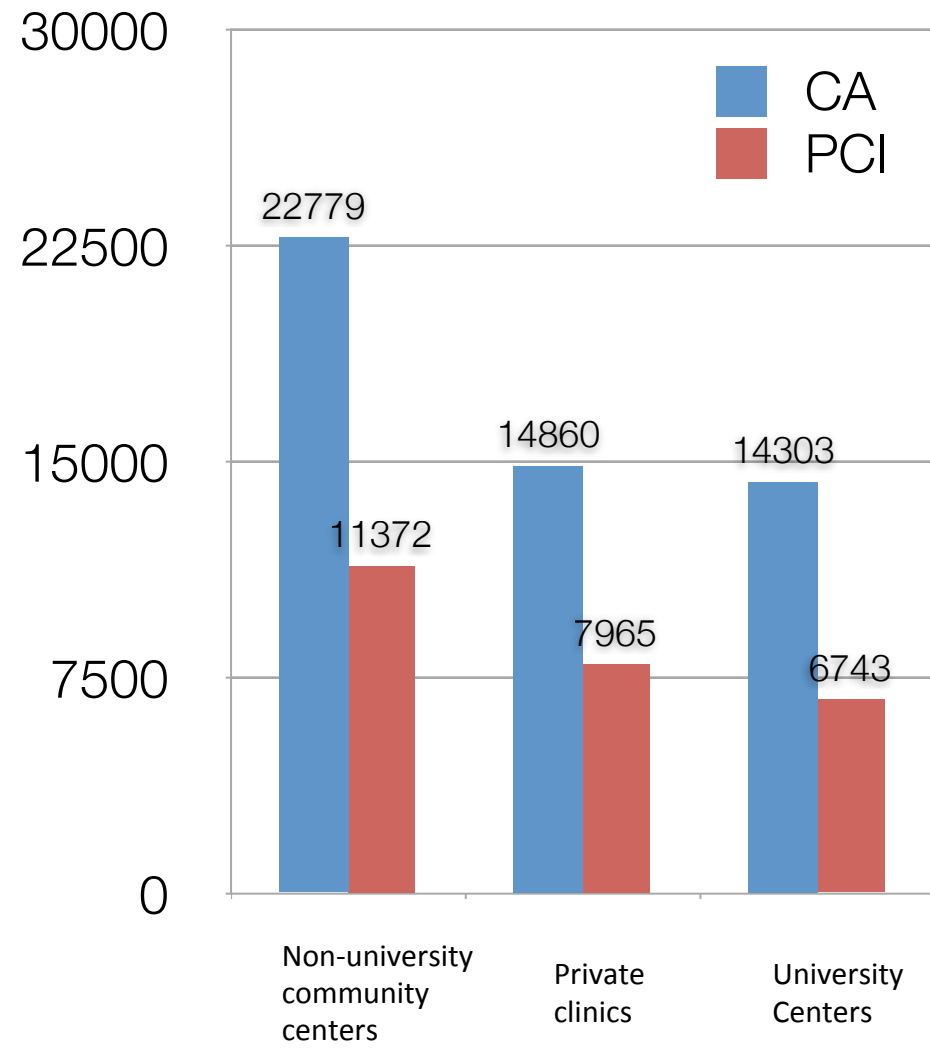
# Coronary Angiographies (CA) and Percutaneous Coronary Interventions (PCI) from 2006 to 2016 in Switzerland



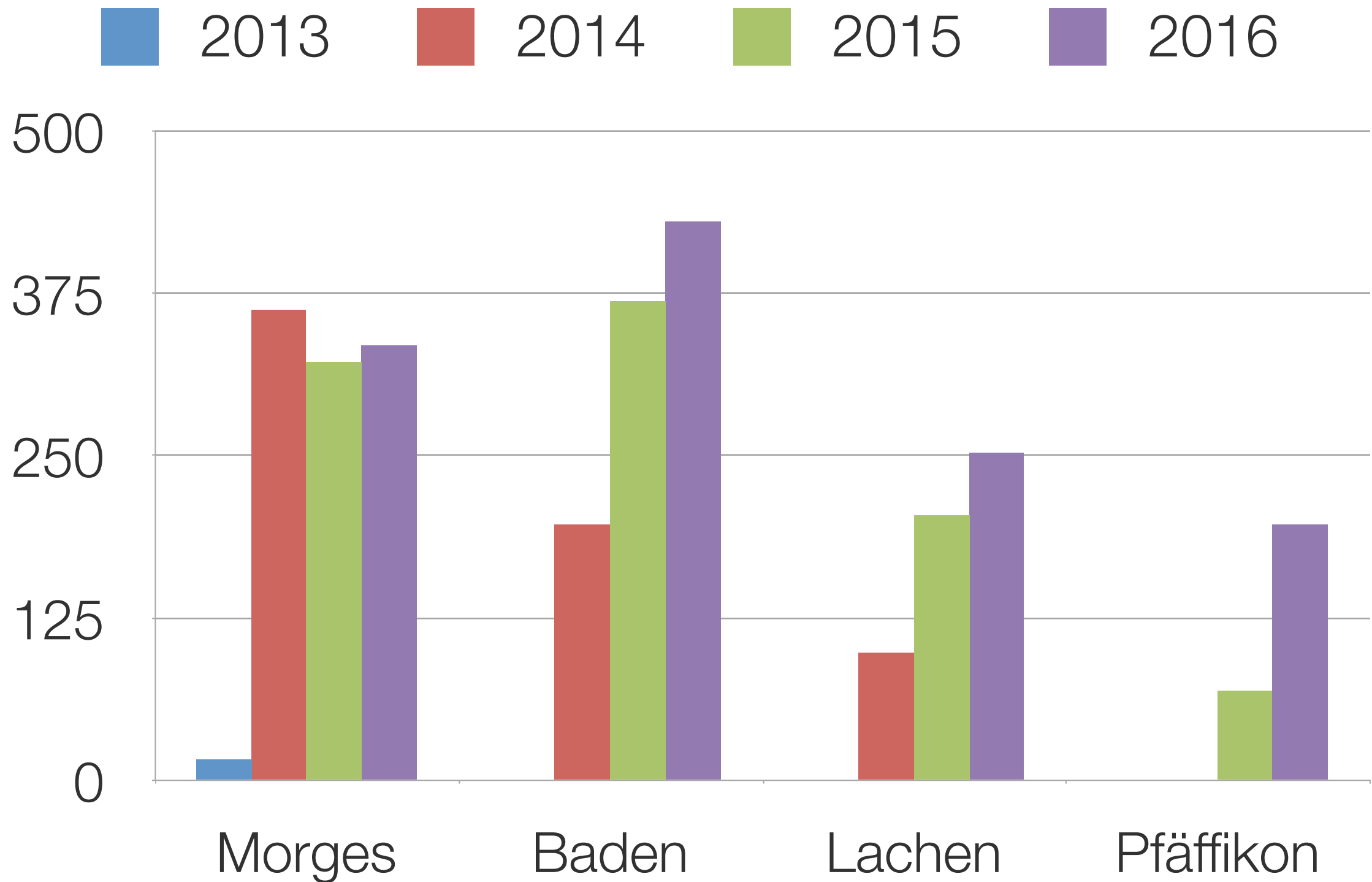
# Coronary Angiographies (CA) and Percutaneous Coronary Interventions (PCI) in 2016



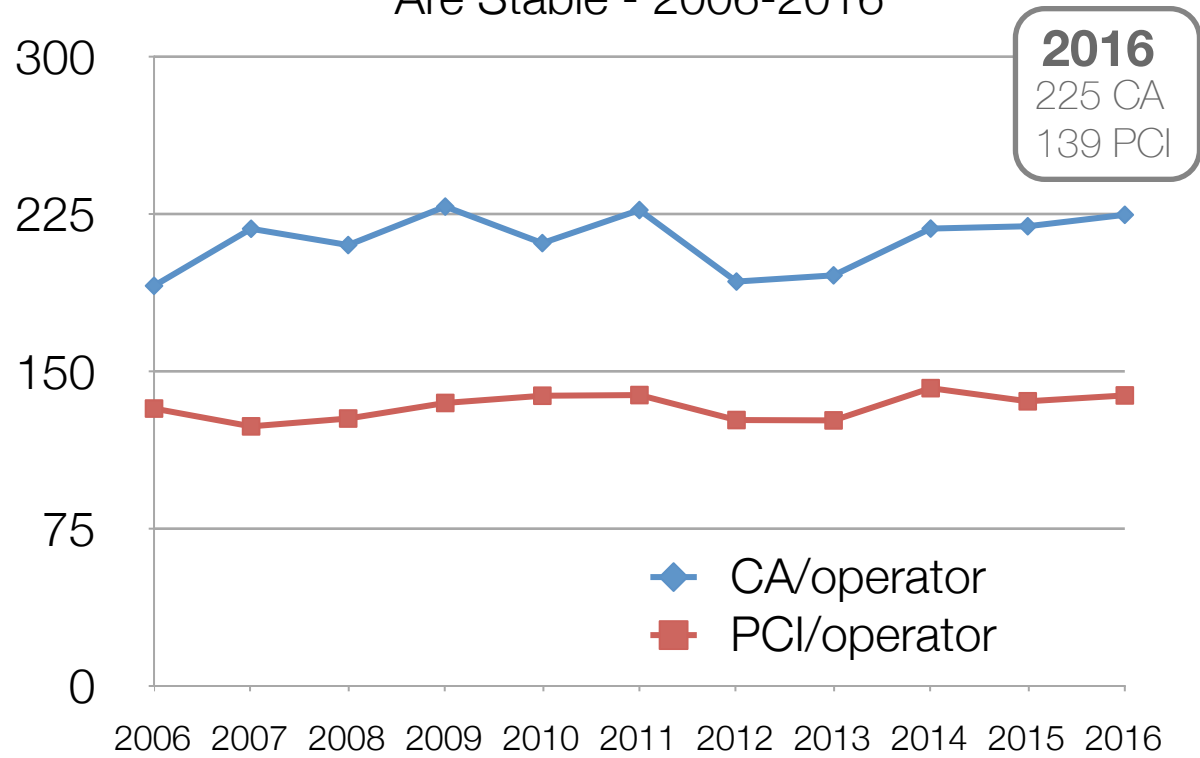
# PCI-Networks in Switzerland



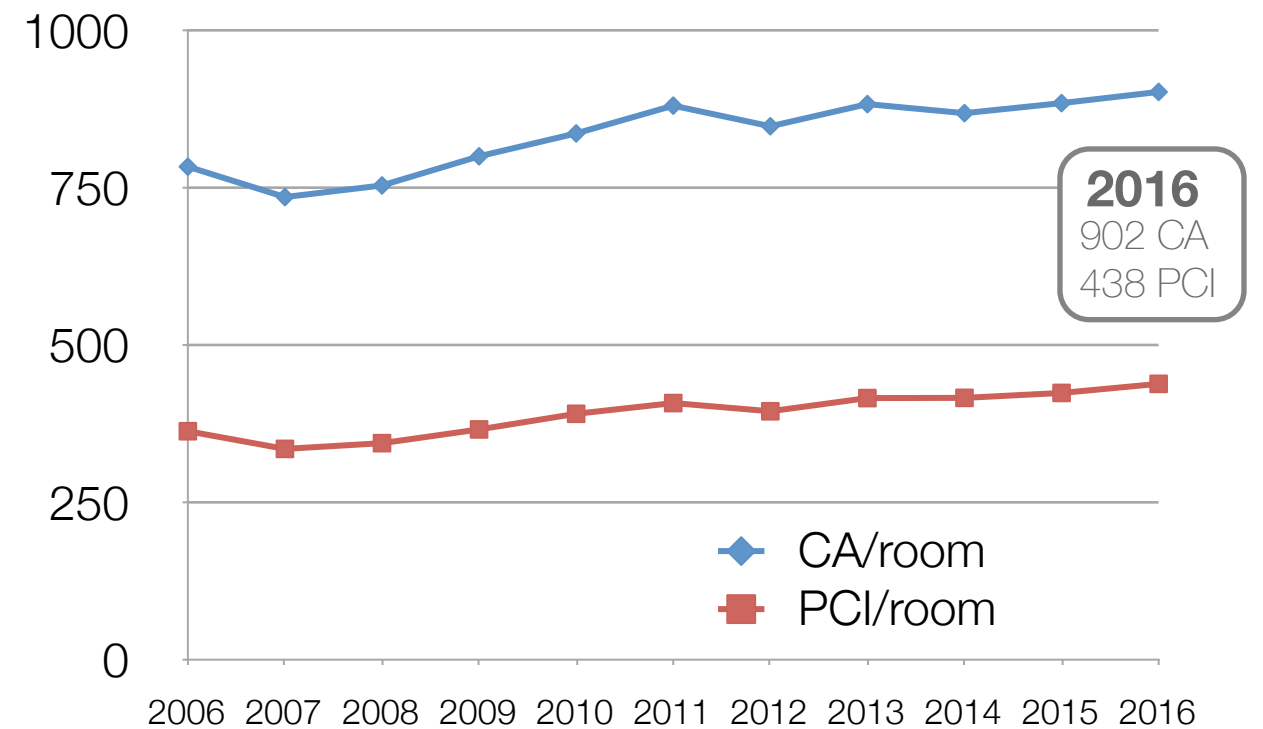
# Coronary Angiographies in the Latest Centers



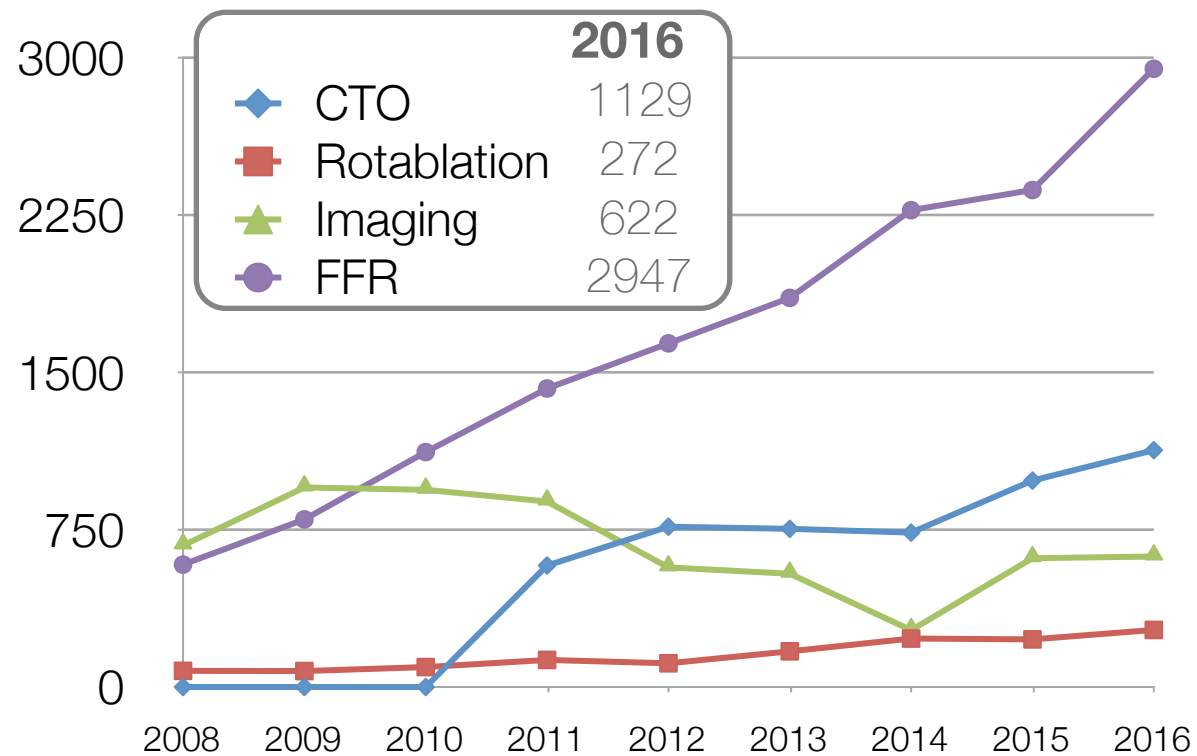
Average Numbers of Coronary Angiograms (CA) and Percutaneous Coronary Interventions (PCI) per **Operator** Are Stable - 2006-2016



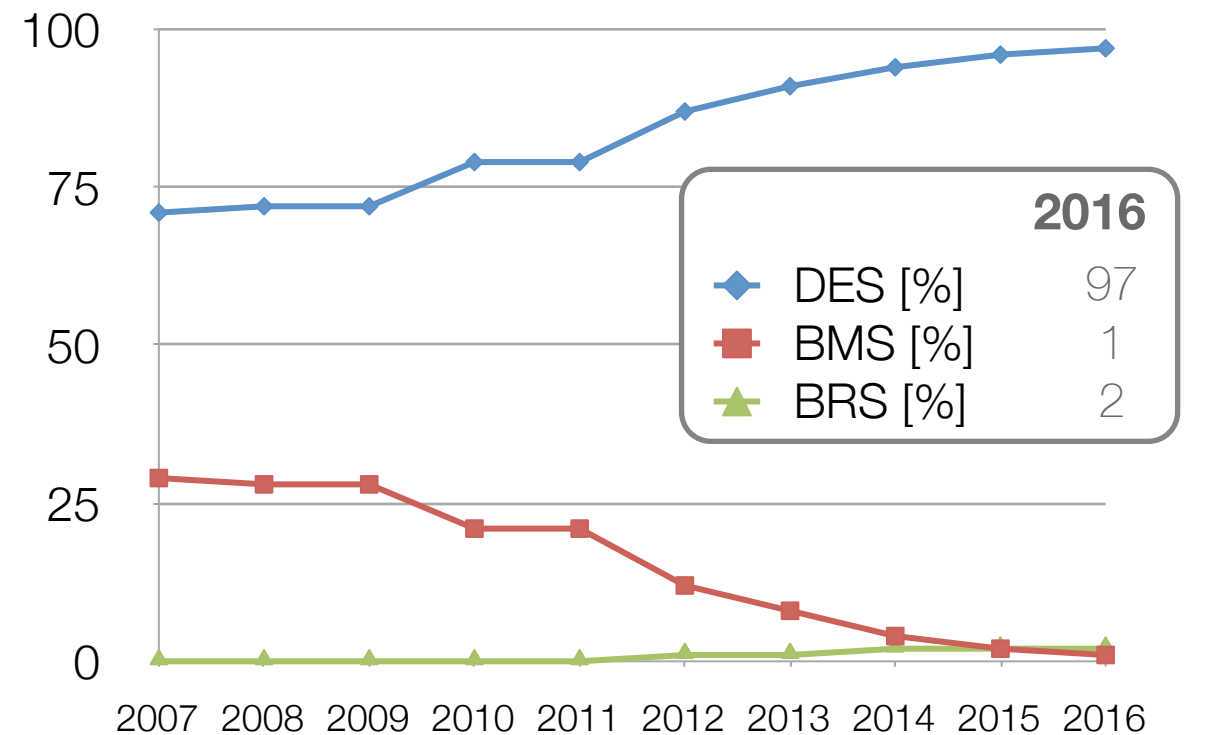
Average Numbers of Coronary Angiograms (CA) and Percutaneous Coronary Interventions (PCI) per **Room** Increase Steadily - 2006-2016



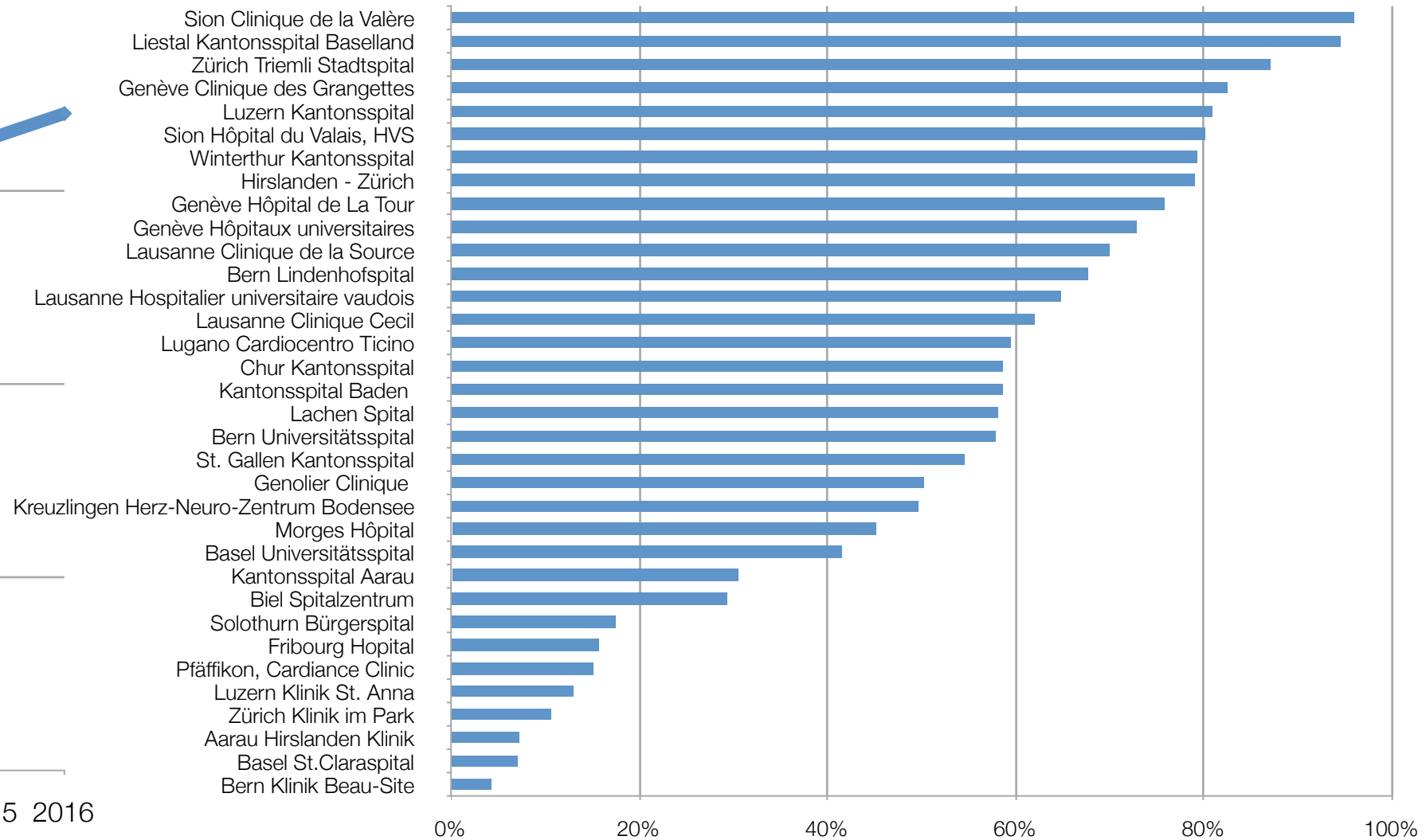
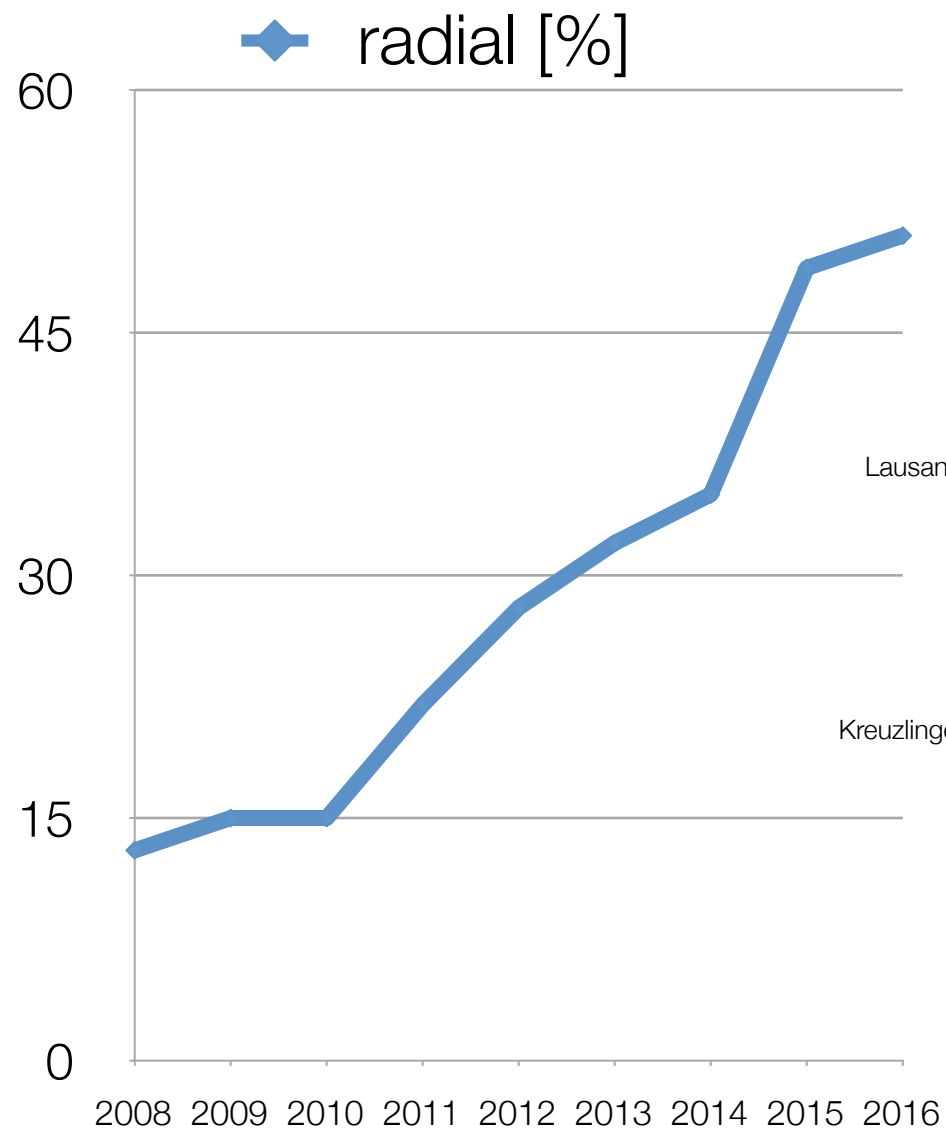
FFR, CTO and Rotablation Increase, Intravascular imaging Decreases



Drug-Eluting Stents (DES) Raise, Bare-Metal Stents (BMS) Drop and Bioresorbable Scaffolds (BRS) Fail to Overcome - 2007 to 2016



# radial access [%]



Center	PCI (Nb of cases)	Adhoc PCI (nb)	Single vessel PCI	Multivessel PCI	PCI for NSTEMI	PCI for STEMI	PCI for cardiogenic shock/	PCI for CTO	Antegrade CTO (attempted)	Retrograde (Attempted and
Aarau Hirslanden Klinik	259	245	210	43	42	15	2	10	10	0
Kantonsspital Aarau	1128	902	980	148	406	319	20	95	85	10
Kantonsspital Baden	145	133	135	10	38	0	0	2	2	0
Bern Universitätsspital	2844	2741	2054	786	739	540	89	89	0	0
Bern Klinik Beau-Site	462	388	304	83	48	41	2	24	24	0
Bern Lindenhofspital	699	525	434	253	140	70	5-10	5-20	10	0
Biel Spitalzentrum	392	172	346	46	122	81	519	1	1	0
Liestal Kantonsspital Baselland	460	440	288	172	109	42	3	44	29	15
Basel Universitätsspital	1278	1225	891	387	331	260	62	59	59	0
Basel St.Claraspital	183	161	134	49	16	15	4	11	10	1
Fribourg Hopital	946	860	807	139	282	84	19	38	38	1
Genève Hôpitaux universitaires	755	638	506	79	213	240	58	45	28	17
Genève Hôpital de La Tour	351	330	268	83	60	18	1	25	17	8
Genève Clinique des Grangettes	240	222	211	29	21	2	0	14	7	7
Chur Kantonsspital	588	486	474	89	132	169	6	46	44	2
Luzern Kantonsspital	1605	1412	812	714	210	142	47	36	24	12
Luzern Klinik St. Anna	254	317	229	97	43	34	5	26	23	3
St. Gallen Kantonsspital	1101	948	813	141	246	238	6	96	63	33
Solothurn Bürgerspital	721	709	0	0	272	119	15	21	20	1
Lachen Spital	74	70	47	49	12	0	0	0	0	0
Pfäffikon, Cardiance Clinic	99	85	31	68	2	0	0	10	10	0
Kreuzlingen Herz-Neuro-Zentrum	634	634	574	60	79	94	23	15	4	1
Frauenfeld+Lachen	315	0	0	0	0	0	0	0	0	0
Frauenfeld Kantonspital	315	0	0	0	0	0	0	0	0	0
Lugano Cardiocentro Ticino	1354	1283	857	497	294	255	42	32	25	7
Lausanne Hospitalier universitaire	1122	843	985	137	326	262	23	55	38	17
Lausanne Clinique Cecil	808	520	718	115	37	0	0	22	22	0
Lausanne Clinique de la Source	353	339	280	70	38	0	0	29	29	0
Genolier Clinique	219	203	178	41	0	0	0	8	8	0
Morges Hôpital	144	142	116	26	37	1	0	15	14	1
Sion Hôpital du Valais, HVS	735	316	654	81	262	135	15	40	38	2
Sion Clinique de la Valère	424	272	383	22	15	0	0	43	43	0
Zürich Triemli Stadtsptal	1603	not	1308	295	475	439	86	38	NA	NA
Zürich Universitätsspital	1400	0	0	0	0	0	0	0	0	0
Hirslanden - Zürich	1330	1036	666	390	95	71	6	40	NA	NA
Zürich Klinik im Park	489	395	256	147	26	31	7	19	12	7
Winterthur Kantonsspital	532	520	410	76	144	144	10	29	24	5

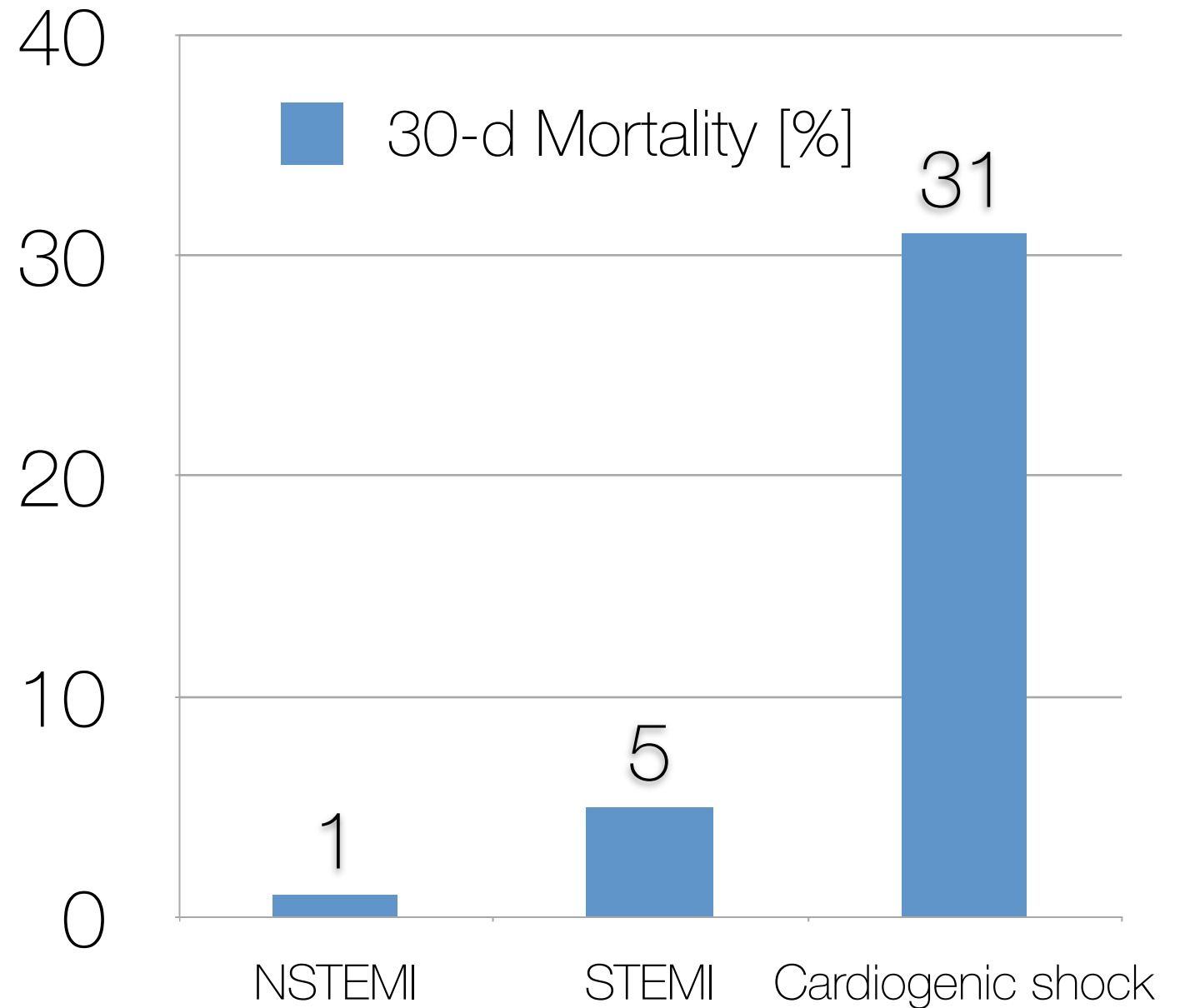


Center	PCI (Nb of cases)	BMS (Nb of cases)	DES (Nb of cases)	BRS (Nb of cases)	Rotablator	Distal Protection	FFR	iFR	IVUS	OCT
Aarau Hirslanden Klinik	259	4	239	8	0	0	0	0	0	0
Kantonsspital Aarau	1128	10	1082	21	17	5	52	52	41	6
Kantonsspital Baden	145	0	135	0	0	1	18	0	0	0
Bern Universitätsspital	2844	3	2620	30	25	10	113	0	9	65
Bern Klinik Beau-Site	462	0	440	0	0	0	60	0	0	0
Bern Lindenhofspital	699	0	699	0	0	0	0	0	0	0
Biel Spitalzentrum	392	3	346	14	9	0	22	0	0	0
Liestal Kantonsspital Baselland	460	0	1022	5	5	1	34	0	0	7
Basel Universitätsspital	1278	12	1196	0	15	4	72	0	4	12
Basel St.Claraspital	183	0	132/38	0	2	3	64	0	0	9
Fribourg Hopital	946	22	745	0	19	1	102	0	2	8
Genève Hôpitaux universitaires	755	15	663	0	7	4	62	0	17	9
Genève Hôpital de La Tour	351	0	331	0	5	1	52	0	8	0
Genève Clinique des Grangettes	240	4	405	1	6	1	44	0	0	0
Chur Kantonsspital	588	1	533	1	9	2	54	0	14	0
Luzern Kantonsspital	1605	0	1526	224	11	2	136	24	13	45
Luzern Klinik St. Anna	254	1	285	1	5	0	47	0	3	0
St. Gallen Kantonsspital	1101	4	978	7	36	0	138	0	33	4
Solothurn Bürgerspital	721	3	1172	0	8	2	112	0	0	0
Lachen Spital	74	0	74	0	0	0	0	0	0	0
Pfäffikon, Cardiance Clinic	99	0	97	0	0	0	6	0	0	0
Kreuzlingen Herz-Neuro-Zentrum	634	0	611	21	0	0	53	0	8	0
Frauenfeld Kantonspital	315	0	0	0	0	0	0	0	0	0
Lugano Cardiocentro Ticino	1354	5	1118	95	4	13	214	21	51	47
Lausanne Hospitalier universitaire	1122	38	996	26	26	4	212	4	50	0
Lausanne Clinique Cecil	808	10	798	1	3	0	107	0	0	0
Lausanne Clinique de la Source	353	31	322	0	0	0	90	0	0	0
Genolier Clinique	219	8	198	1	0	1	101	0	0	0
Morges Hôpital	144	10	133	2	2	1	27	0	0	8
Sion Hôpital du Valais, HVS	735	2	733	0	0	1	110	0	20	3
Sion Clinique de la Valère	424	0	381	10	0	0	123	0	0	0
Zürich Triemli Stadtsptal	1603	0	1533	4	1	15	64	0	0	26
Zürich Universitätsspital	1400	7	1277	32	21	8	91	0	22	46
Hirslanden - Zürich	1330	5	967	29	18	5	211	0	40	29
Zürich Klinik im Park	489	1	416	6	4	4	113	0	1	0
Winterthur Kantonsspital	532	1	407	10	14	6	84	195	62	0

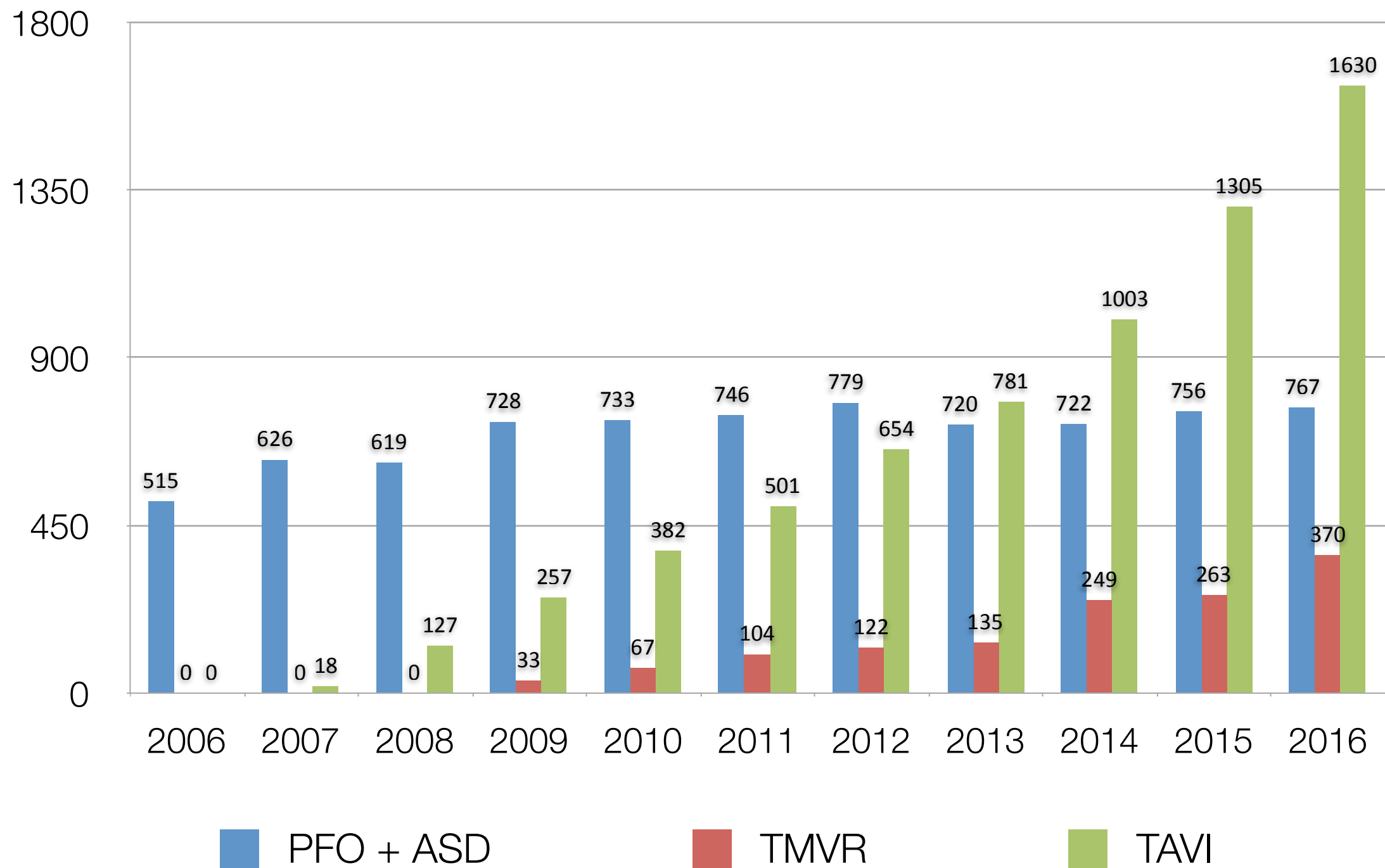
# Mortality of PCI in ACS

## Data available from:

Aarau Hirslanden Klinik  
Basel Universitätsspital  
Bern Klinik Beau-Site  
Bern Universitätsspital  
Biel Spitalzentrum  
Fribourg Hopital  
Genève Hôpitaux universitaires  
Kantonsspital Aarau  
Kreuzlingen Herz-Neuro-Zentrum Bodensee  
Lausanne Hospitalier universitaire vaudois  
Liestal Kantonsspital Baselland  
Lugano Cardiocentro Ticino  
Luzern Kantonsspital  
Sion Hôpital du Valais, HVS  
Solothurn Bürgerspital  
St. Gallen Kantonsspital  
Winterthur Kantonsspital  
Zürich Klinik im Park  
Zürich Triemli Stadtsptal



# Interventions for structural heart defects closure of PFO, Transcatheter Aortic Valve Implantation (TAVI) and Transcatheter Mitral Valve Repair (TMVR) from 2006 to 2016 in Switzerland



# Transcatheter Aortic Valve Implantation (TAVI) in all centers during the year 2016 in Switzerland

