



T.C. SAĞLIK BAKANLIĞI
HALK SAĞLIĞI GENEL MÜDÜRLÜĞÜ
Bulaşıcı Hastalıklar ve Erken Uyarı
Dairesi Başkanlığı

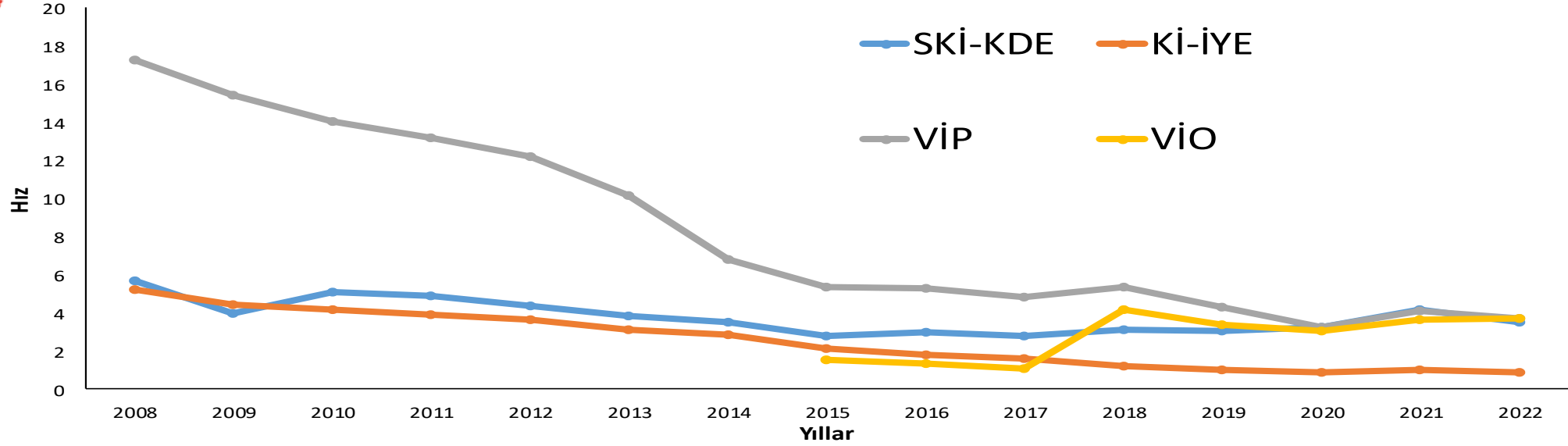
ULUSAL
SAĞLIK HİZMETİ İLİŞKİLİ ENFEKSİYONLAR
SÜRVEYANS AĞI (USHİESA)
VERİLERİ 2022

Sağlık Hizmeti İlişkili Enfeksiyonların Önlenmesi ve Kontrolü Birimi
enfeksiyon@saglik.gov.tr

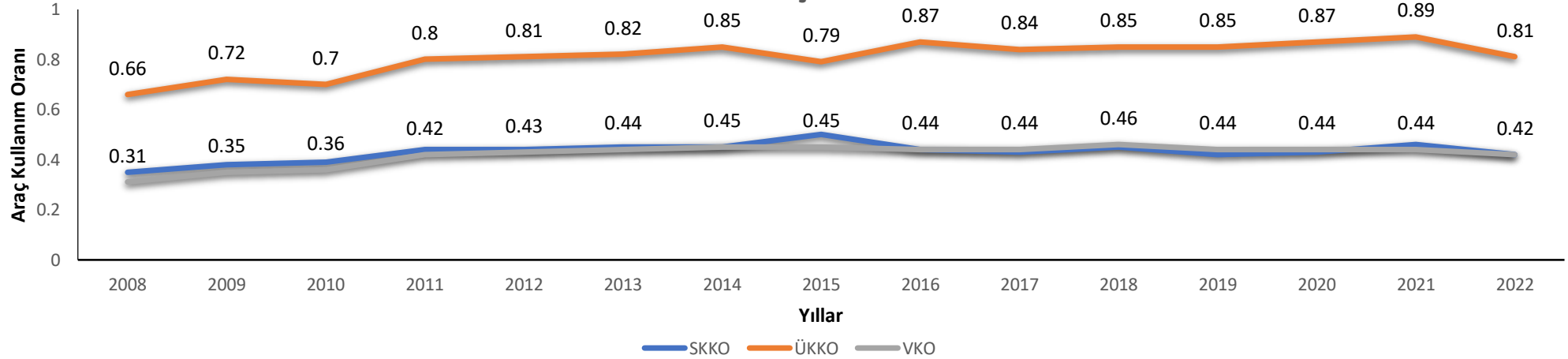
Temmuz, 2023



YBÜ'LERDE İNVAZİV ARAÇ İLİŞKİLİ ENFEKSİYON HIZLARI



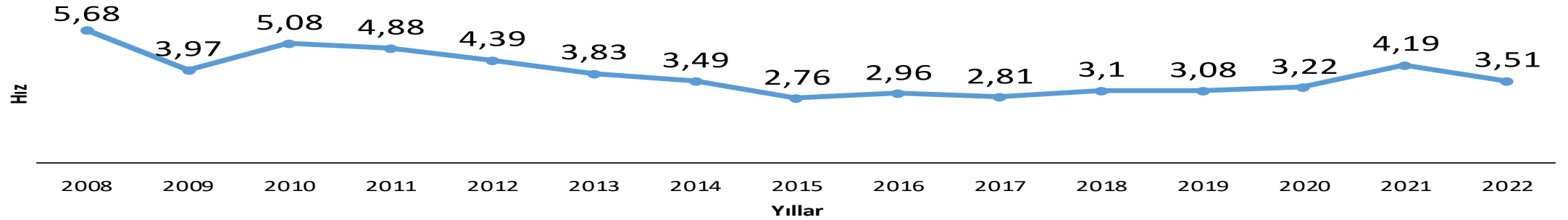
YBÜ'LERDE İNVAZİV ARAÇ KULLANIM ORANLARI





Santral Kateter İlişkili Kan Dolaşımı Enfeksiyonları

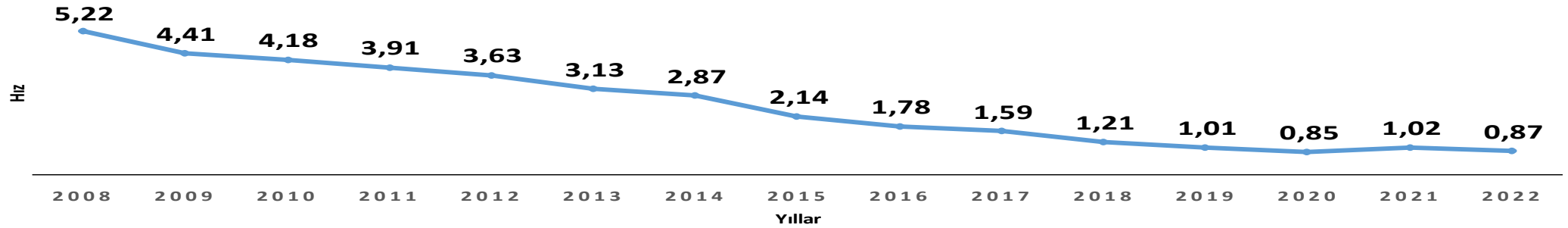
YIL	SK Günü	SKİ-KDE Sayısı	Hız	%95 GA
2008	395400	2246	5,68	5,45-5,92
2009	576908	2290	3,97	3,81-4,13
2010	757261	3849	5,08	4,93-5,24
2011	976114	4764	4,88	4,74-5,02
2012	1113558	4885	4,39	4,26-4,51
2013	1288928	4934	3,83	3,72-3,94
2014	1355021	4727	3,49	3,39-3,59
2015	1912670	5274	2,76	2,69-2,83
2016	1766085	5234	2,96	2,88-3,04
2017	2133221	6002	2,81	2,74-2,88
2018	2221746	6879	3,10	3,00-3,17
2019	2384295	7384	3,08	3,01-3,15
2020	2417330	7780	3,22	3,15-3,29
2021	2595984	10879	4,19	4,11-4,27
2022	3224717	11304	3,51	3,44-3,57





Kateter İlişkili Üriner Sistem Enfeksiyonları

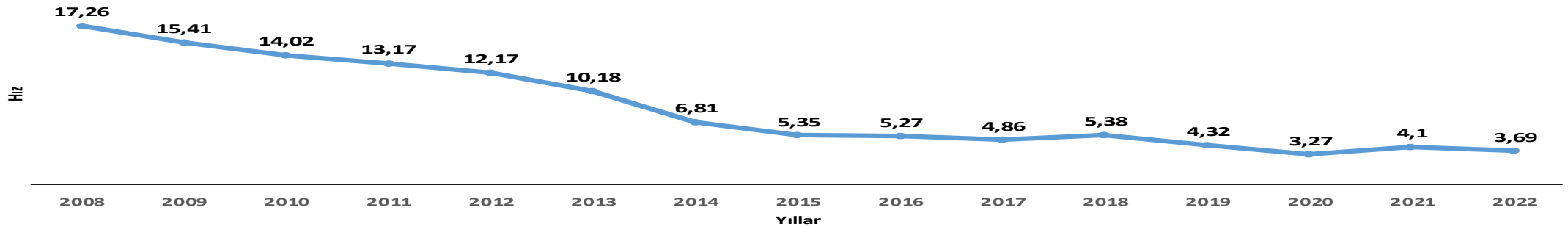
YIL	ÜK Günü	Kİ-ÜSE Sayısı	Hız	%95 GA
2008	793650	4142	5,22	5,06-5,38
2009	1131361	4987	4,41	4,29-4,53
2010	1436102	6000	4,18	4,07-4,28
2011	1864434	7291	3,91	3,82-4,00
2012	2137053	7754	3,63	3,55-3,71
2013	2434070	7620	3,13	3,06-3,20
2014	2641387	7587	2,87	2,81-2,94
2015	3287090	7031	2,14	2,09-2,19
2016	3741549	6660	1,78	1,74-1,82
2017	4318254	6854	1,59	1,55-1,62
2018	4493361	5422	1,21	1,17-1,24
2019	4923068	4978	1,01	0,98-1,04
2020	5091422	4332	0,85	0,83-0,88
2021	5044817	5147	1,02	0,99-1,05
2022	6546346	5709	0,87	0,85-0,95





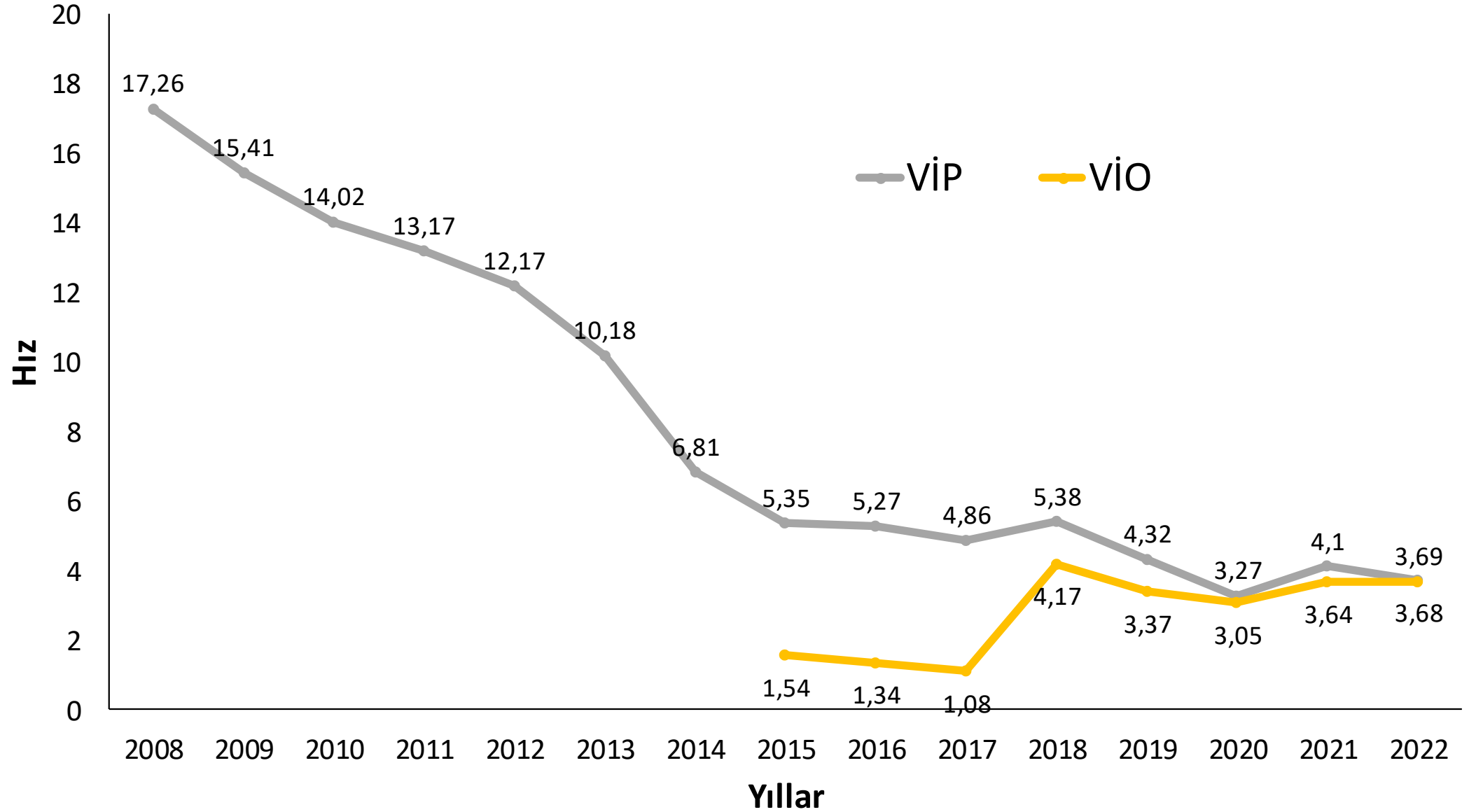
Ventilatör İlişkili Pnömoni

YIL	Ventilatör Günü	VİP Sayısı	Hız	%95 GA
2008	352434	6082	17,26	16,83-17,69
2009	528349	8140	15,41	15,07-15,74
2010	692772	9712	14,02	13,74-14,30
2011	928518	12225	13,17	12,93-13,40
2012	1070639	13033	12,17	11,97-12,38
2013	1219413	12418	10,18	10,01-10,36
2014	1317056	8968	6,81	6,68-6,95
2015	1662852	8895	5,35	5,24-5,46
2016	1725241	9100	5,27	5,17-5,38
2017	2134256	10384	4,86	4,77-4,95
2018	1423295	7654	5,38	5,26-5,50
2019	1457001	6287	4,32	4,21-4,42
2020	1776309	5812	3,27	3,19-3,36
2021	1658612	6798	4,10	4,00-4,10
2022	1962538	7232	3,69	3,60-3,77



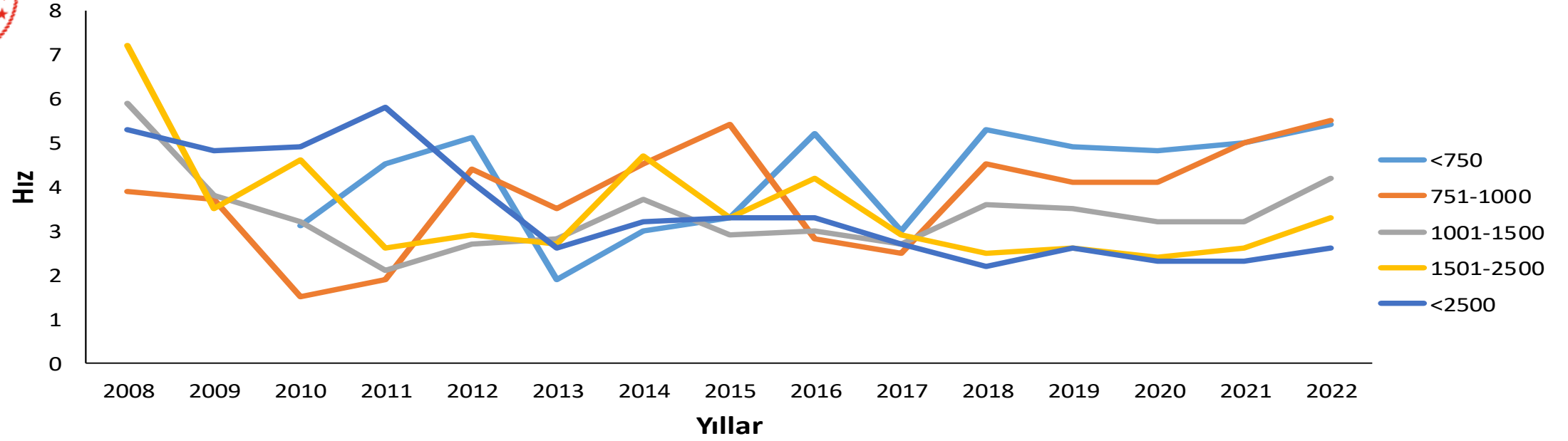


YBÜ'LERDE VİP VE VİO

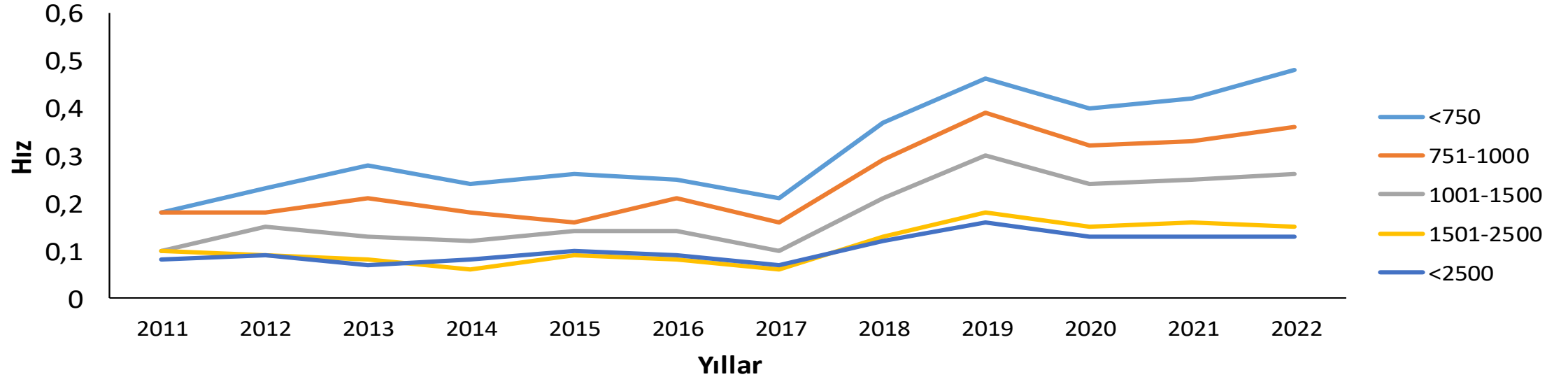




YD-YBÜ'LERDE SKİ-KDE HIZI

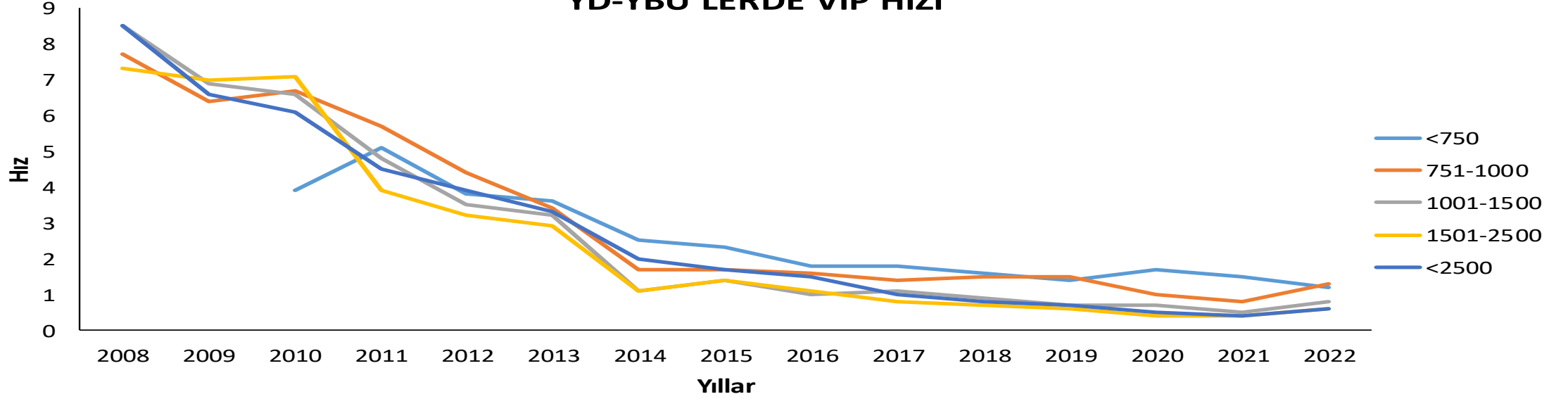


SKKO

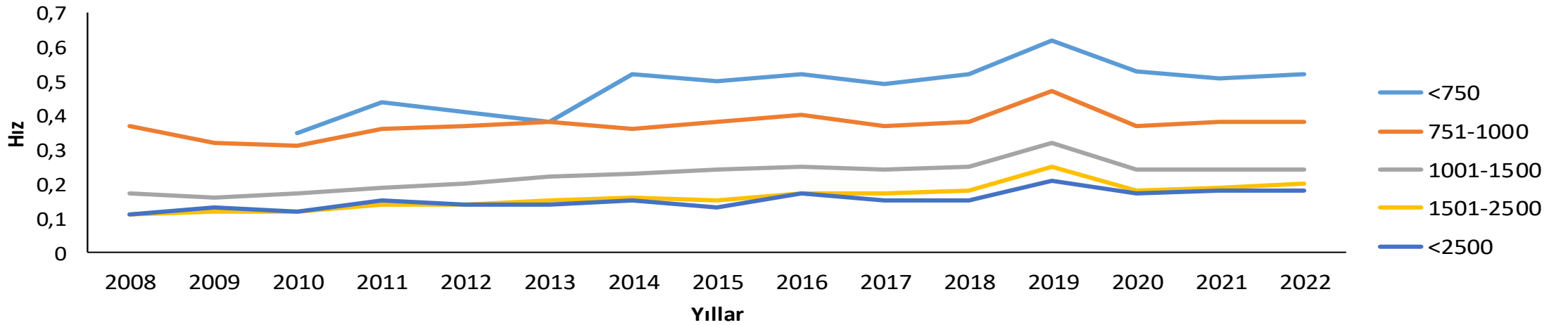




YD-YBÜ'LERDE VİP HIZI



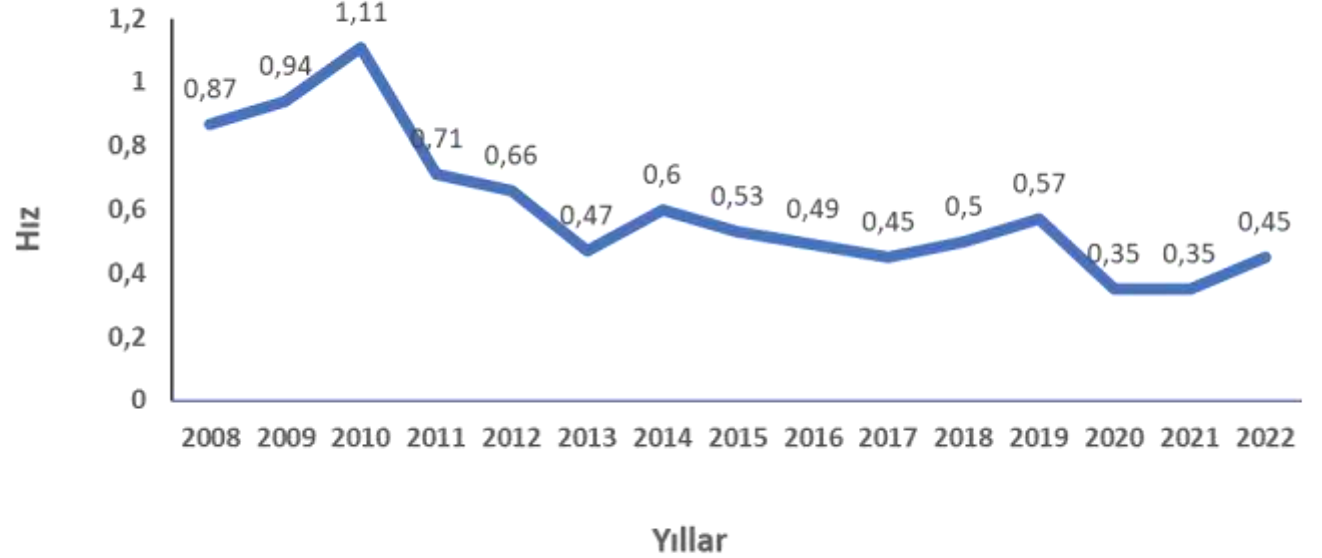
VKO





Appendektomi

YIL	Ameliyat	CAE	Hız	%95 GA
	Sayısı	Sayısı		
2008	34009	297	0,87	0,78-0,98
2009	19243	180	0,94	0,81-1,08
2010	30119	335	1,11	0,99-1,24
2011	35315	251	0,71	0,63-0,80
2012	34781	230	0,66	0,58-0,75
2013	38913	183	0,47	0,41-0,54
2014	38558	231	0,6	0,53-0,68
2015	38230	203	0,53	0,46-0,61
2016	34014	168	0,49	0,42-0,57
2017	34011	153	0,45	0,38-0,53
2018	38321	190	0,50	0,43-0,57
2019	38585	220	0,57	0,50-0,65
2020	29218	103	0,35	0,29-0,43
2021	31014	110	0,35	0,29-0,43
2022	31327	141	0,45	0,38-0,53

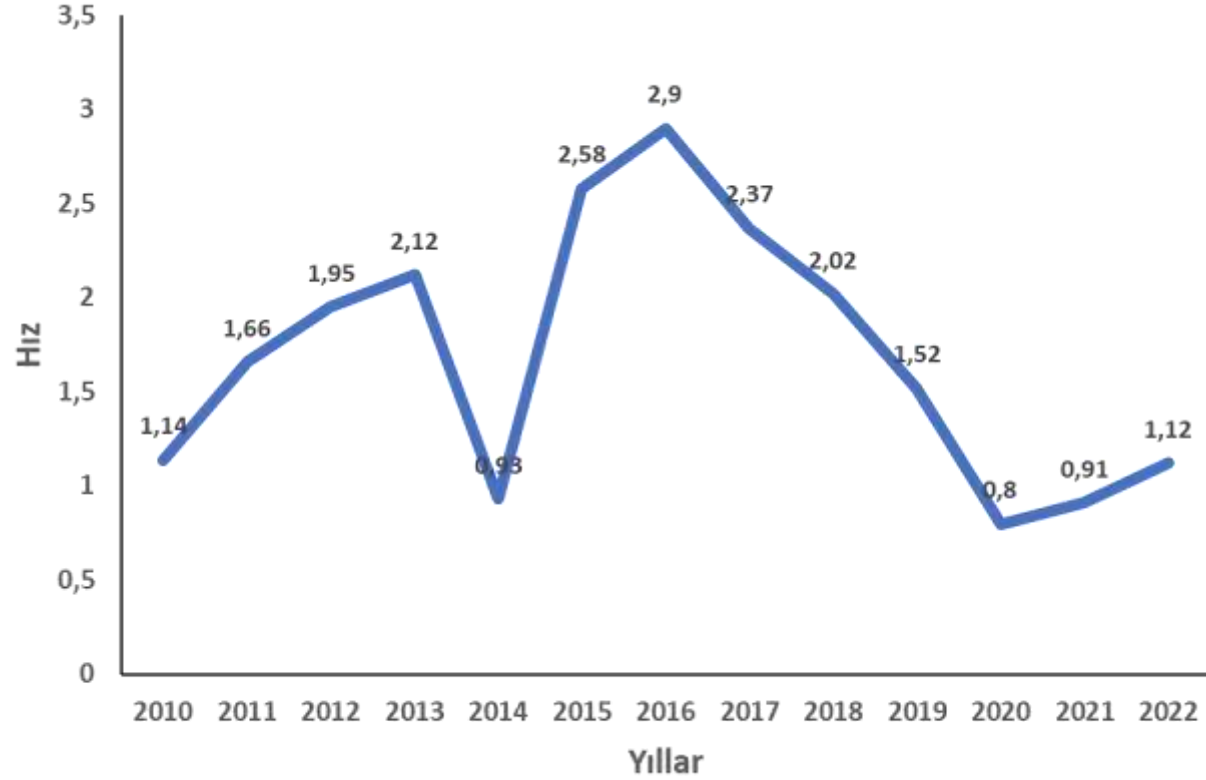




Böbrek Nakli

Ameliyat CAE

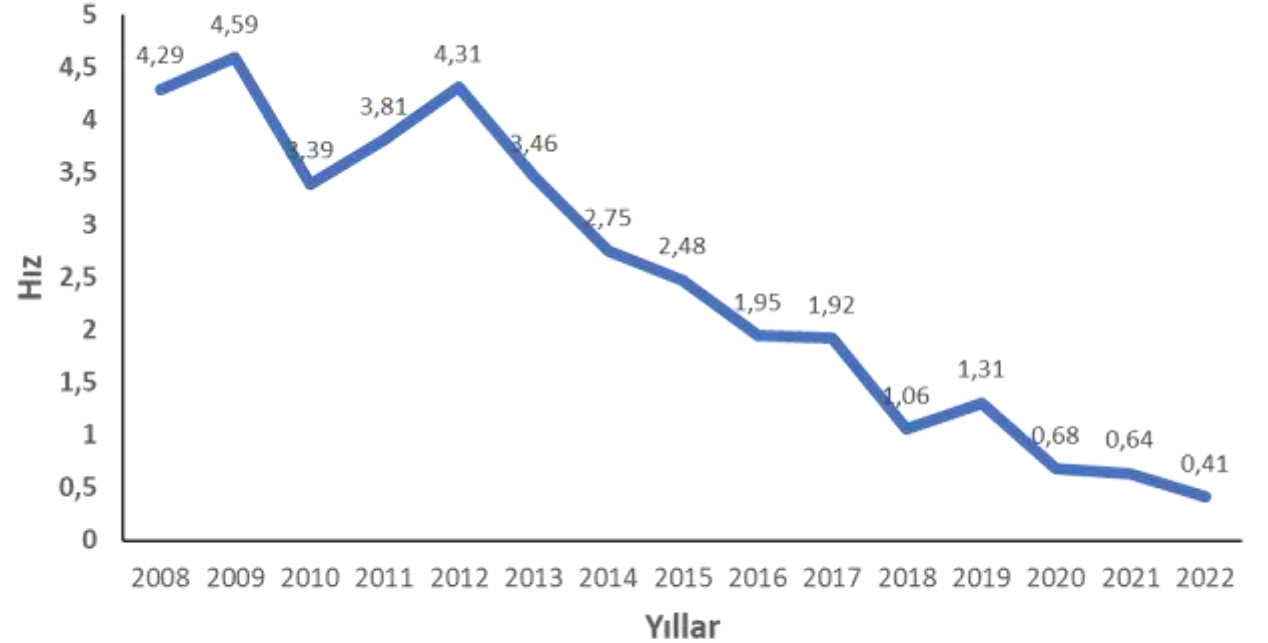
YIL	Sayısı	Sayısı	Hız	%95 GA
2010	1581	18	1,14	0,72-1,79
2011	1502	25	1,66	1,13-2,45
2012	1383	27	1,95	1,34-2,83
2013	1130	24	2,12	1,43-3,14
2014	750	7	0,93	0,45-1,91
2015	1202	31	2,58	1,82-3,64
2016	1485	43	2,9	2,16-3,88
2017	2029	48	2,37	1,77-3,10
2018	2530	51	2,02	1,54-2,64
2019	2760	42	1,52	1,13-2,05
2020	1370	11	0,80	0,42-1,14
2021	1988	18	0,91	0,57-1,43
2022	2048	23	1,12	0,73-1,66





Gastrik Cerrahi

YIL	Ameliyat	CAE	Hız	%95 GA
	Sayısı	Sayısı		
2008	1793	77	4,29	3,45-5,34
2009	2242	103	4,59	3,80-5,54
2010	2745	93	3,39	2,77-4,13
2011	1759	67	3,81	3,01-4,81
2012	1970	85	4,31	3,50-5,30
2013	2051	71	3,46	2,75-4,34
2014	2033	56	2,75	2,13-3,56
2015	3830	95	2,48	2,03-3,02
2016	3443	67	1,95	1,53-2,46
2017	4527	87	1,92	1,55-2,35
2018	4743	50	1,06	0,80-1,39
2019	3899	51	1,31	0,99-1,72
2020	3552	24	0,68	0,44-0,99
2021	4876	31	0,64	0,45-0,90
2022	8034	33	0,41	0,29-0,58





İnce Barsak Cerrahisi

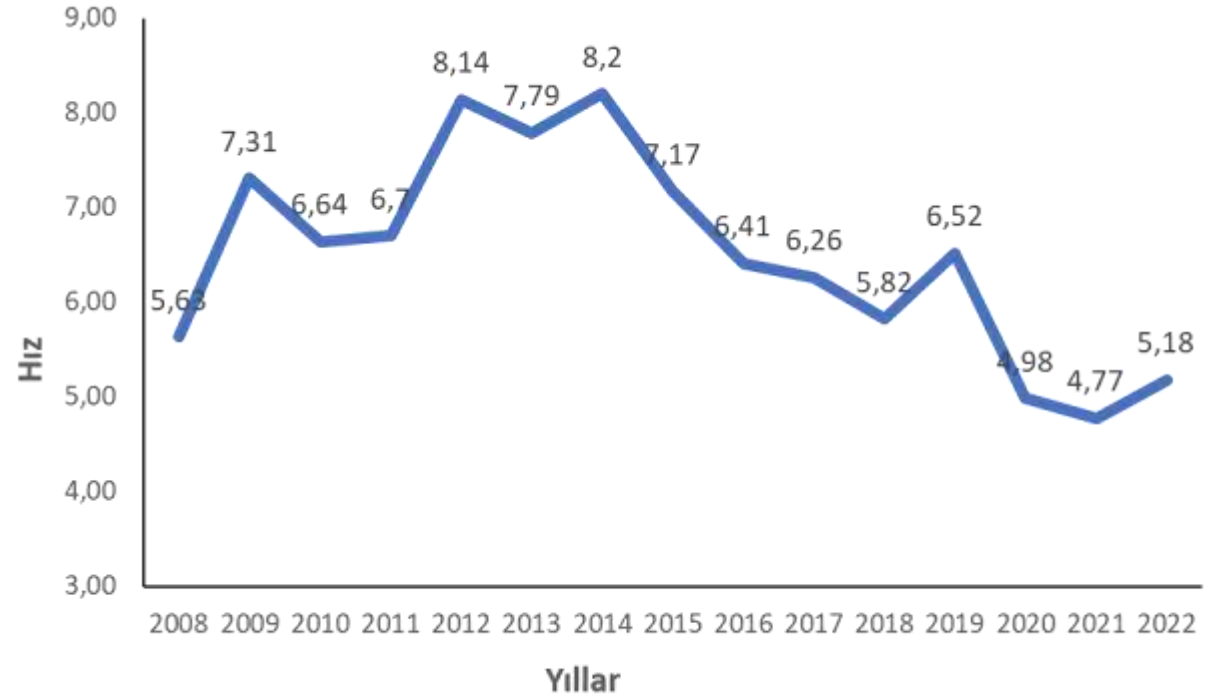
YIL	Ameliyat Sayısı	CAE Sayısı	Hız	%95 GA
2008	936	74	7,43	6,34-9,81
2009	1130	92	8,14	6,68-9,88
2010	1635	115	7,03	5,89-8,38
2011	795	64	8,05	6,35-10,15
2012	1216	82	6,74	5,47-8,23
2013	922	45	4,88	3,67-6,47
2014	886	53	5,98	4,60-7,42
2015	1303	76	5,83	4,68-7,24
2016	1393	71	5,1	4,06-6,38
2017	1528	71	4,65	3,67-5,79
2018	1674	79	4,72	3,80-5,84
2019	1898	80	4,21	3,40-5,21
2020	1275	53	4,16	3,15-5,40
2021	1240	33	2,66	1,90-3,71
2022	1622	61	3,76	2,96-4,80





Kolon Cerrahisi

YIL	Ameliyat	CAE	Hız	%95 GA
	Sayısı	Sayısı		
2008	6237	351	5,63	5,08-6,22
2009	7646	559	7,31	6,75-7,91
2010	6972	463	6,64	6,08-7,25
2011	5401	362	6,7	6,07-7,40
2012	5137	418	8,14	7,42-8,92
2013	4454	347	7,79	7,04-8,62
2014	3742	307	8,2	7,37-9,13
2015	5565	399	7,17	6,52-7,88
2016	5427	348	6,41	5,79-7,09
2017	6039	378	6,26	5,67-6,89
2018	6294	366	5,82	5,26-6,42
2019	6794	443	6,52	5,96-7,13
2020	5218	260	4,98	4,40-5,62
2021	5661	270	4,77	4,24-5,36
2022	7300	378	5,18	4,70-5,71

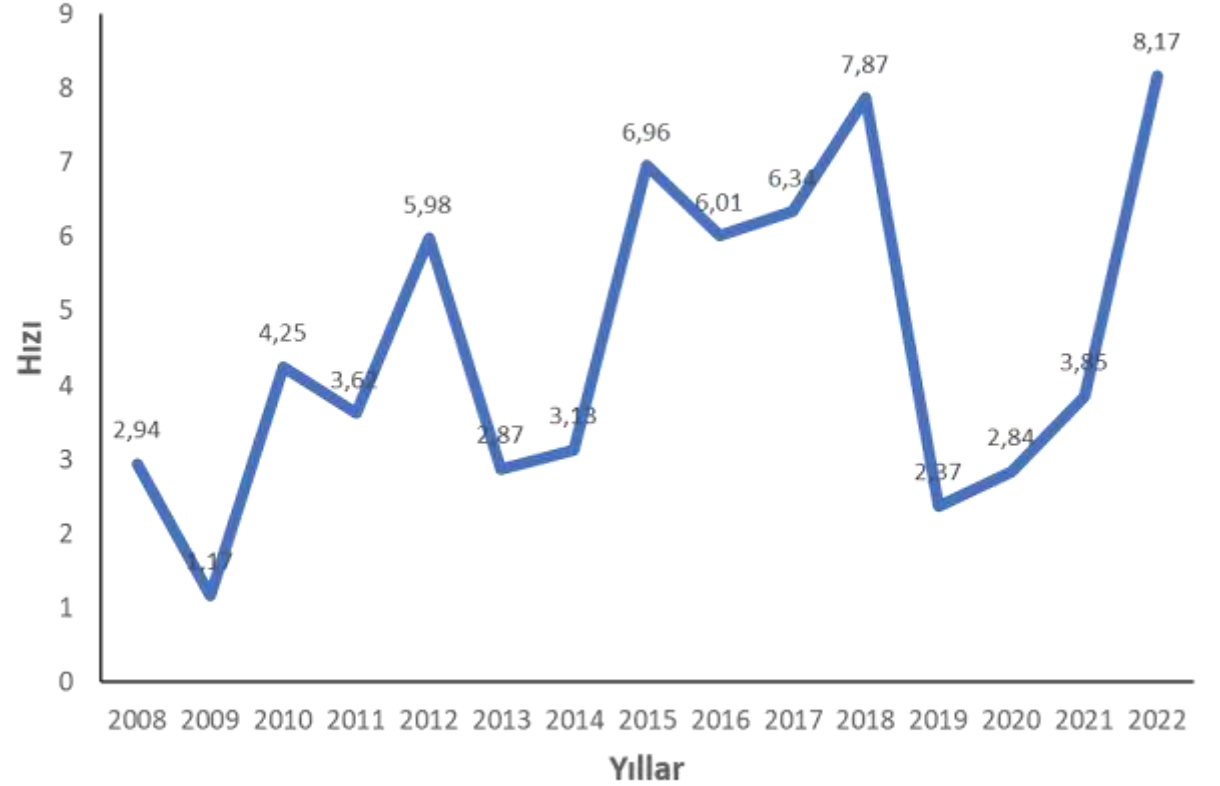




Safra Yolları, Karaciğer veya Pankreas Cerrahisi

Ameliyat

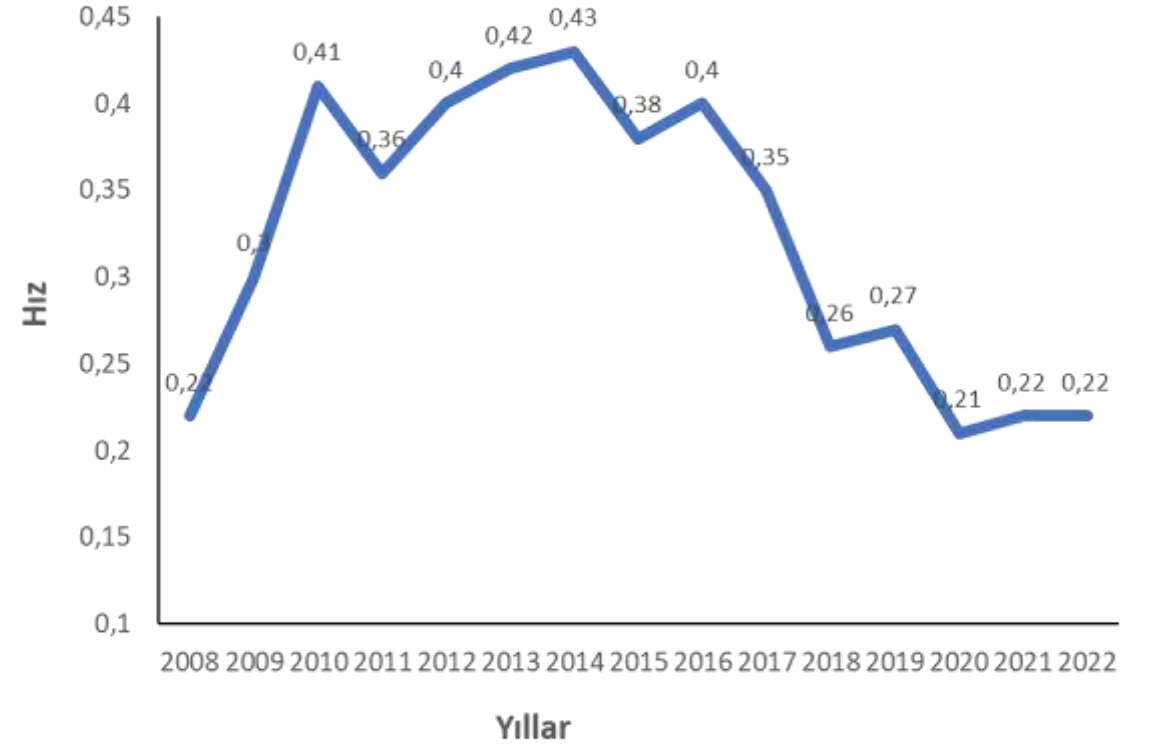
YIL	Sayısı	CAE Sayısı	Hız	%95 GA
2008	1020	30	2,94	2,07-4,17
2009	1279	15	1,17	0,71-1,93
2010	3766	160	4,25	3,65-4,94
2011	2069	75	3,62	2,90-4,52
2012	1924	115	5,98	5,00-7,13
2013	2546	73	2,87	2,29-3,59
2014	767	24	3,13	2,11-4,61
2015	1968	137	6,96	5,92-8,17
2016	1896	114	6,01	5,03-7,17
2017	1720	109	6,34	5,26-7,56
2018	1195	94	7,87	6,47-9,53
2019	1011	24	2,37	1,60-3,51
2020	774	22	2,84	1,83-4,23
2021	468	18	3,85	2,45-6,00
2022	820	67	8,17	6,49-10,45





Sezaryen

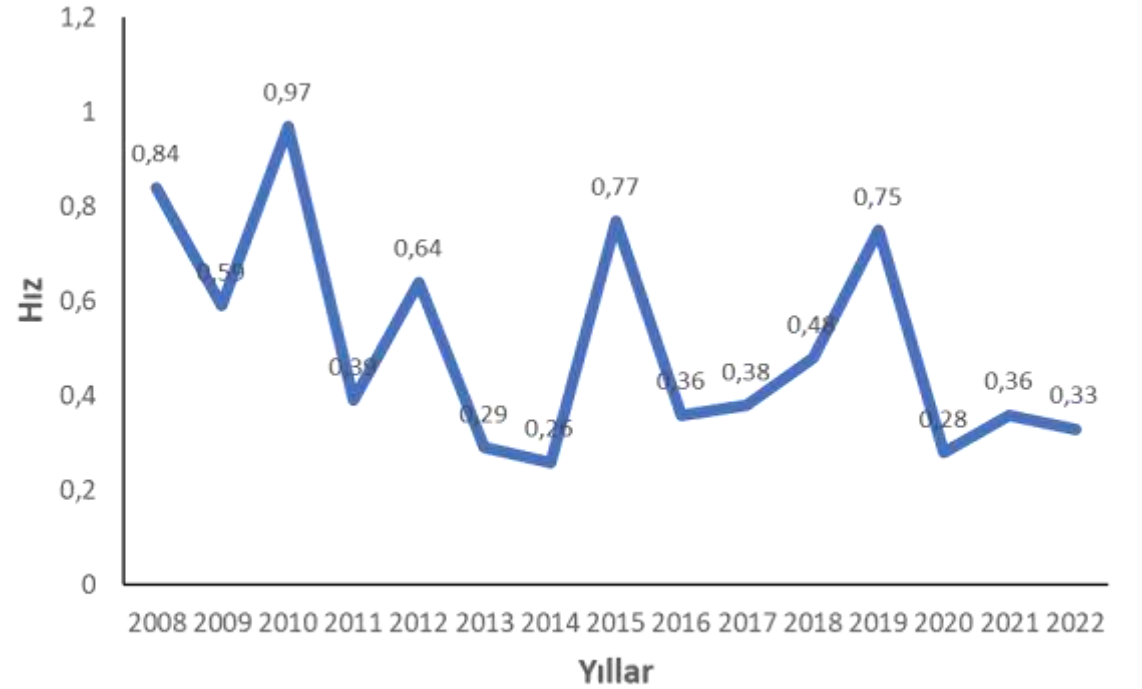
YIL	Ameliyat Sayısı	CAE Sayısı	Hız	%95 GA
2008	92474	202	0,22	0,19-0,25
2009	161954	480	0,30	0,27-0,32
2010	181335	747	0,41	0,38-0,44
2011	171774	620	0,36	0,33-0,39
2012	175714	701	0,4	0,37-0,43
2013	187579	796	0,42	0,40-0,45
2014	194071	829	0,43	0,40-0,46
2015	207228	790	0,38	0,36-0,41
2016	195488	781	0,4	0,37-0,43
2017	211949	745	0,35	0,33-0,38
2018	206190	531	0,26	0,24-0,28
2019	200281	550	0,27	0,25-0,29
2020	191837	398	0,21	0,19-0,23
2021	184133	413	0,22	0,20-0,25
2022	192281	421	0,22	0,20-0,24





Prostatektomi

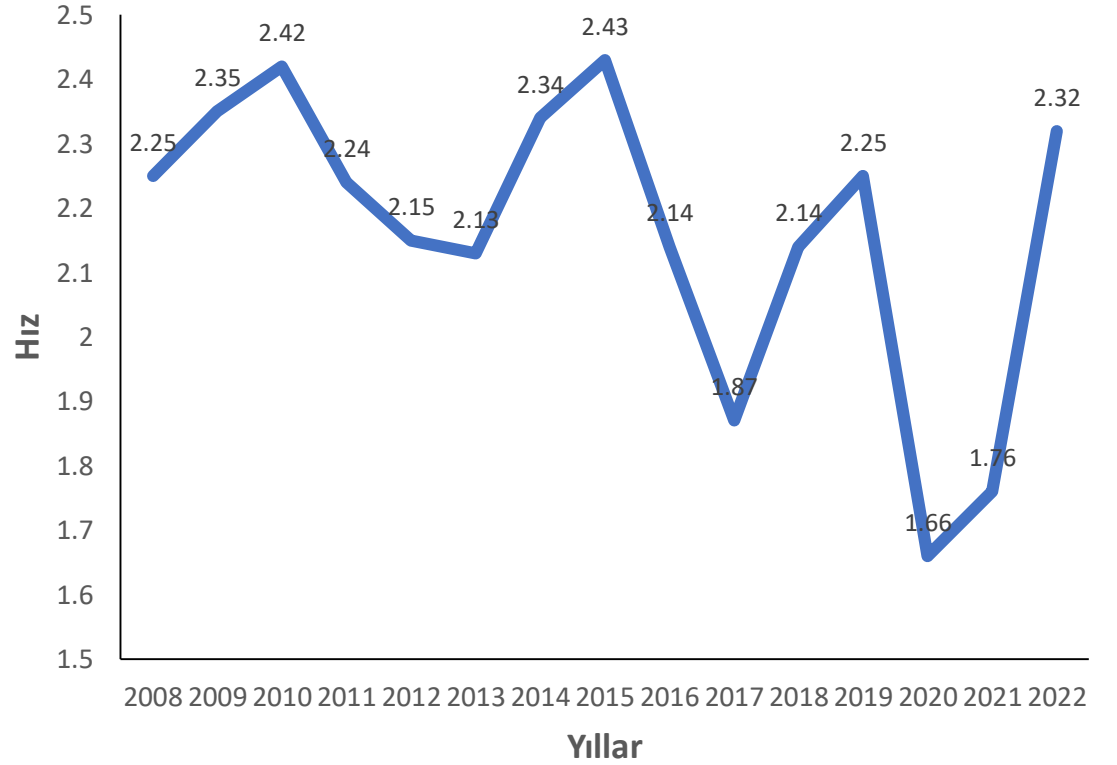
YIL	Ameliyat Sayısı	CAE Sayısı	Hız	%95 GA
2008	7369	62	0,84	0,65-1,08
2009	11592	68	0,59	0,46-0,74
2010	9570	93	0,97	0,79-1,19
2011	6449	25	0,39	0,26-0,57
2012	5314	34	0,64	0,46-0,89
2013	4136	12	0,29	0,17-0,51
2014	2726	7	0,26	0,12-0,53
2015	3004	23	0,77	0,51-1,15
2016	2505	9	0,36	0,19-0,68
2017	3384	13	0,38	0,21-0,64
2018	6084	29	0,48	0,33-0,68
2019	4391	33	0,75	0,53-1,05
2020	2497	7	0,28	0,12-0,55
2021	3921	14	0,36	0,21-0,60
2022	4544	15	0,33	0,20-0,54





Koroner Arter Bypass Cerrahisi (Göğüs ve Bacak İnsizyonu)

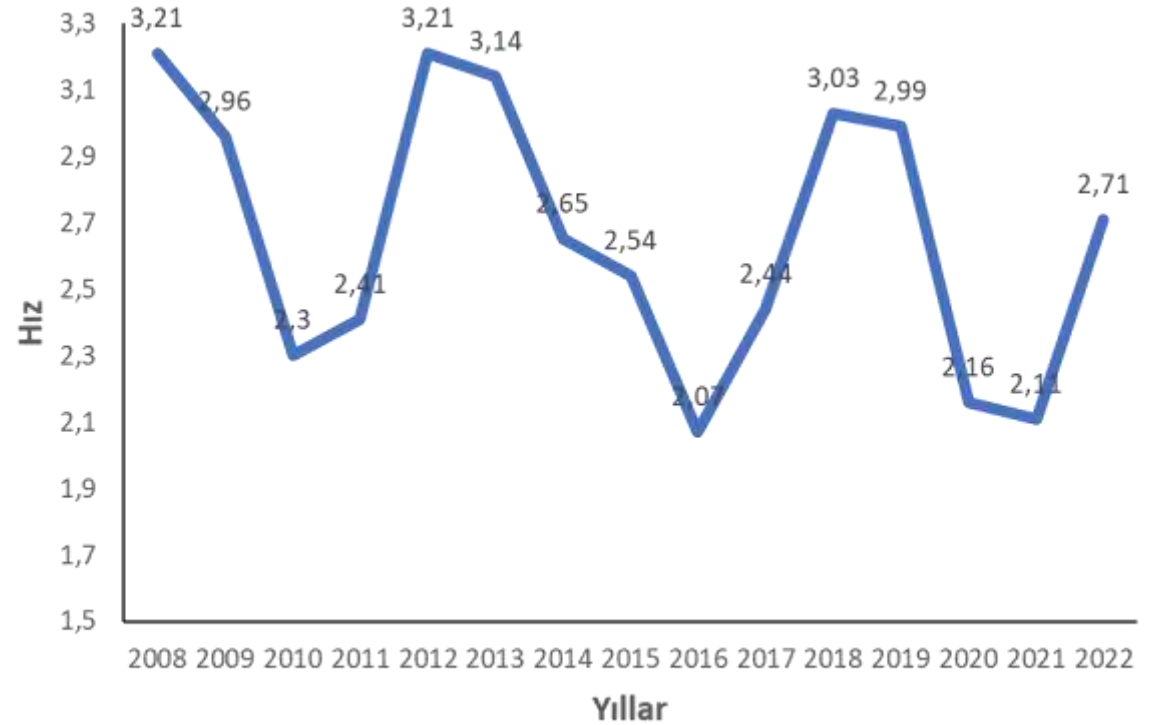
YIL	Ameliyat Sayısı	CAE Sayısı	Hız	%95 GA
2008	16331	368	2,25	2,04-2,49
2009	22164	520	2,35	2,15-2,55
2010	29905	726	2,42	2,26-2,61
2011	32234	723	2,24	2,09-2,41
2012	30171	648	2,15	1,97-2,93
2013	30894	658	2,13	1,97-2,30
2014	22033	516	2,34	2,15-2,55
2015	25920	629	2,43	2,25-2,62
2016	25320	541	2,14	1,97-2,32
2017	27136	508	1,87	1,72-2,04
2018	27682	592	2,14	1,98-2,32
2019	29987	676	2,25	2,09-2,43
2020	22867	380	1,66	1,50-1,84
2021	29070	513	1,76	1,62-1,92
2022	33872	787	2,32	2,17-2,49





Kraniyotomi

YIL	Ameliyat	CAE	Hız	%95 GA
	Sayısı	Sayısı		
2008	4800	154	3,21	2,75-3,74
2009	5983	177	2,96	2,56-3,42
2010	6292	145	2,3	1,96-2,70
2011	6763	163	2,41	2,07-2,80
2012	7573	243	3,21	2,83-3,63
2013	6944	218	3,14	2,75-3,58
2014	6973	185	2,65	2,30-3,06
2015	7667	195	2,54	2,21-2,92
2016	8105	168	2,07	1,78-2,41
2017	8591	210	2,44	2,13-2,78
2018	8523	258	3,03	2,67-3,41
2019	7348	220	2,99	2,63-3,41
2020	6061	131	2,16	1,81-2,56
2021	7776	164	2,11	1,81-2,45
2022	8224	223	2,71	2,38-3,08





Ventriküler Şant

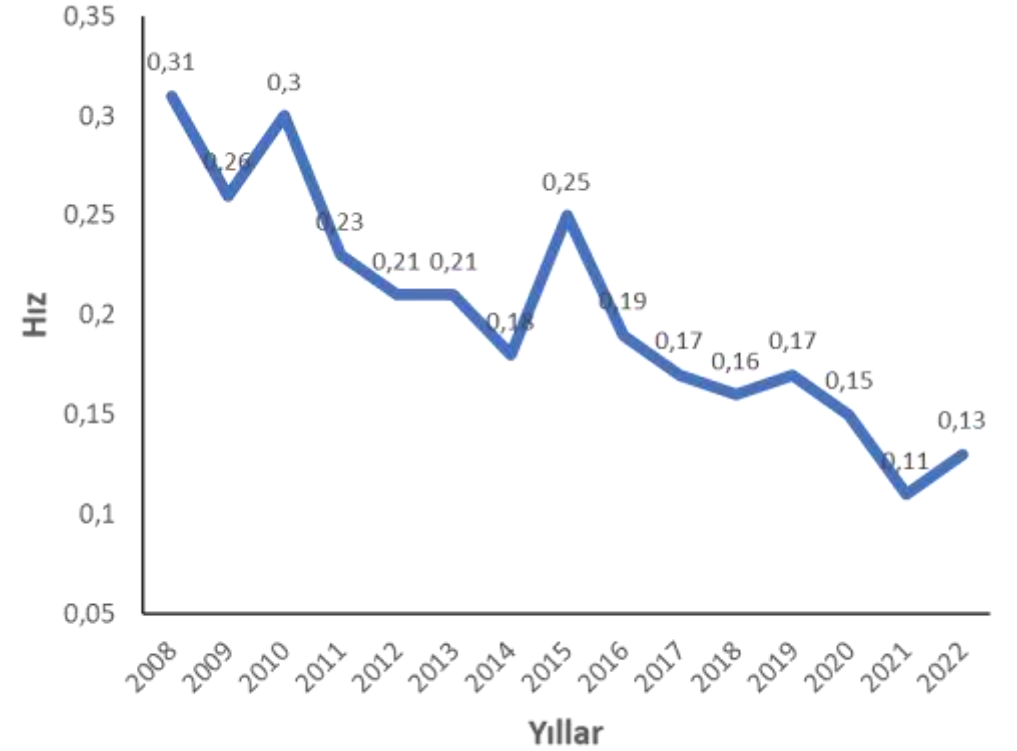
YIL	Ameliyat Sayısı	CAE Sayısı	Hız	%95 GA
2011	1435	83	5,78	4,69-7,11
2012	1515	118	7,79	6,54-9,25
2013	1427	95	6,66	5,48-8,07
2014	1646	122	7,41	6,24-8,78
2015	1863	142	7,62	6,50-8,92
2016	1826	119	6,52	5,47-7,74
2017	1741	73	4,19	3,32-5,21
2018	1949	117	6,00	4,99-7,17
2019	1649	89	5,40	4,41-6,59
2020	1568	70	4,46	3,51-5,61
2021	1910	87	4,55	3,71-5,59
2022	2180	103	4,72	3,91-5,70





Herni Onarımı

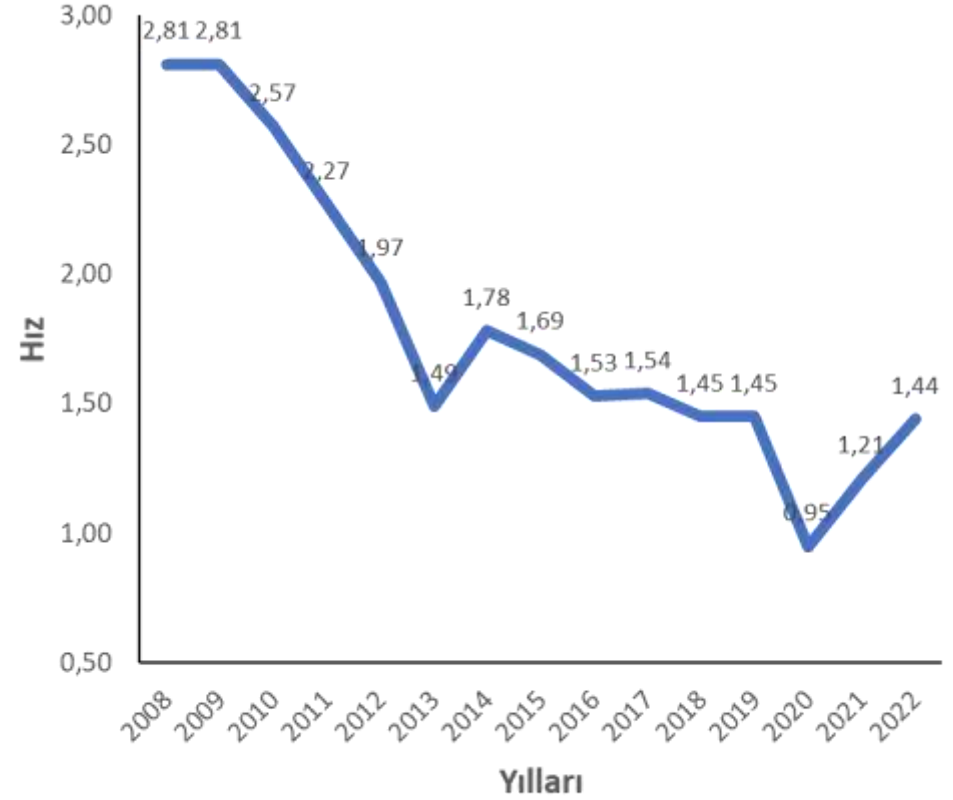
YIL	Ameliyat Sayısı	CAE Sayısı	Hız	%95 GA
2008	36235	114	0,31	0,26-0,38
2009	53929	138	0,26	0,22-0,30
2010	49516	147	0,3	0,25-0,35
2011	42370	98	0,23	0,19-0,28
2012	40069	84	0,21	0,17-0,26
2013	47385	99	0,21	0,17-0,25
2014	42340	77	0,18	0,15-0,23
2015	42734	107	0,25	0,21-0,30
2016	42653	82	0,19	0,15-0,24
2017	41152	69	0,17	0,13-0,21
2018	45359	71	0,16	0,12-0,20
2019	46413	78	0,17	0,13-0,21
2020	22088	34	0,15	0,11-0,21
2021	37230	42	0,11	0,08-0,15
2022	50931	66	0,13	0,10-0,16





Kalça Protezi

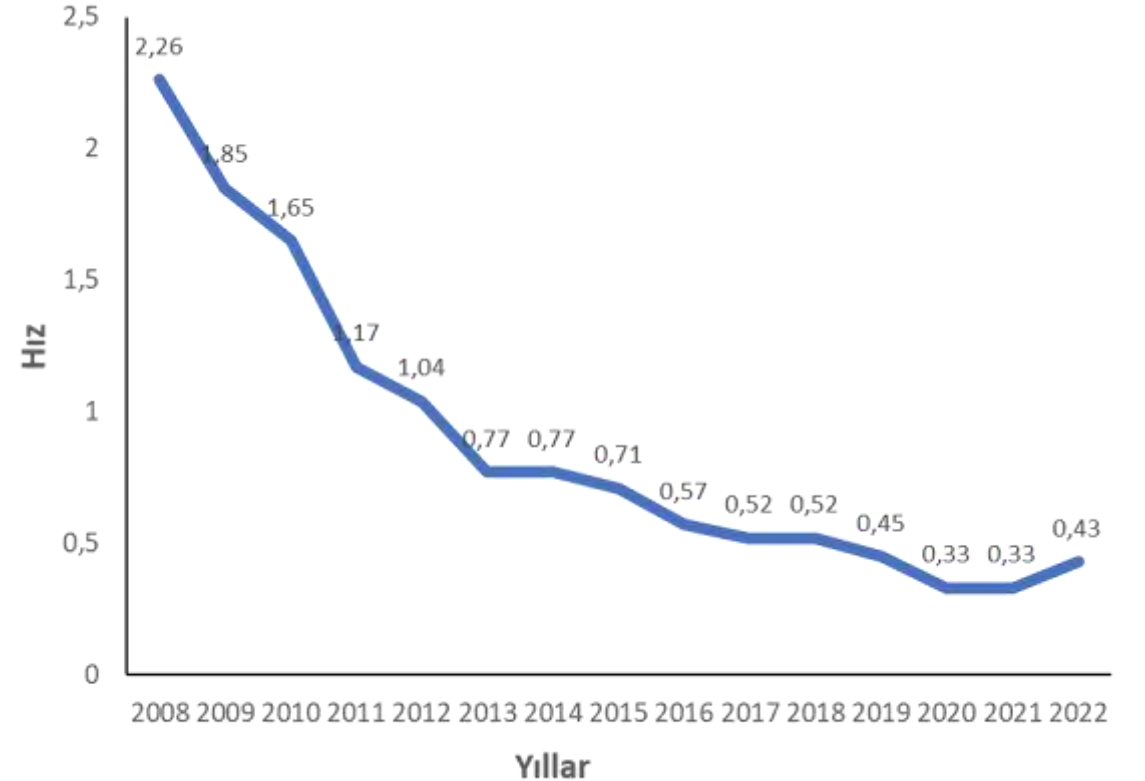
YIL	Ameliyat Sayısı	CAE Sayısı	Hız	%95 GA
2008	8327	234	2,81	2,48-3,19
2009	13425	377	2,81	2,52-3,10
2010	15552	400	2,57	2,33-2,83
2011	15084	343	2,27	2,05-2,52
2012	16708	329	1,97	1,77-2,20
2013	17281	258	1,49	1,32-1,68
2014	15502	276	1,78	1,58-2,01
2015	21402	361	1,69	1,52-1,87
2016	22168	339	1,53	1,38-1,70
2017	25725	395	1,54	1,39-1,69
2018	29505	429	1,45	1,32-1,60
2019	28162	407	1,45	1,31-1,59
2020	22343	212	0,95	0,83-1,08
2021	27298	331	1,21	1,09-1,35
2022	34240	493	1,44	1,32-1,57





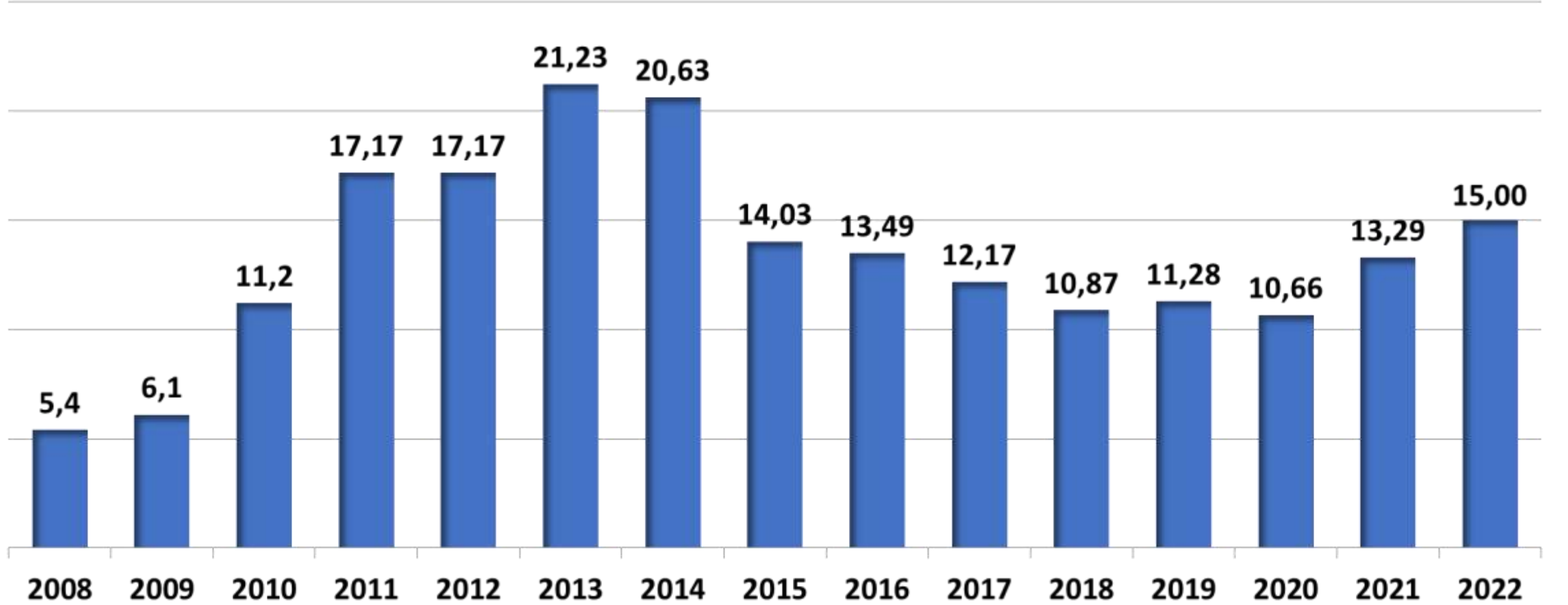
Diz Protezi

YIL	Ameliyat Sayısı	CAE Sayısı	Hız	%95 GA
2008	10166	230	2,26	1,99-2,57
2009	17454	323	1,85	1,66-2,06
2010	22006	362	1,65	1,48-1,82
2011	28844	337	1,17	1,05-1,30
2012	33266	346	1,04	0,94-1,15
2013	37366	287	0,77	0,68-0,86
2014	38436	297	0,77	0,69-0,86
2015	46434	331	0,71	0,64-0,79
2016	54670	309	0,57	0,51-0,63
2017	66409	346	0,52	0,47-0,59
2018	78576	410	0,52	0,47-0,57
2019	78388	354	0,45	0,41-0,50
2020	39564	132	0,33	0,28-0,39
2021	59644	198	0,33	0,29-0,38
2022	81109	352	0,43	0,39-0,48





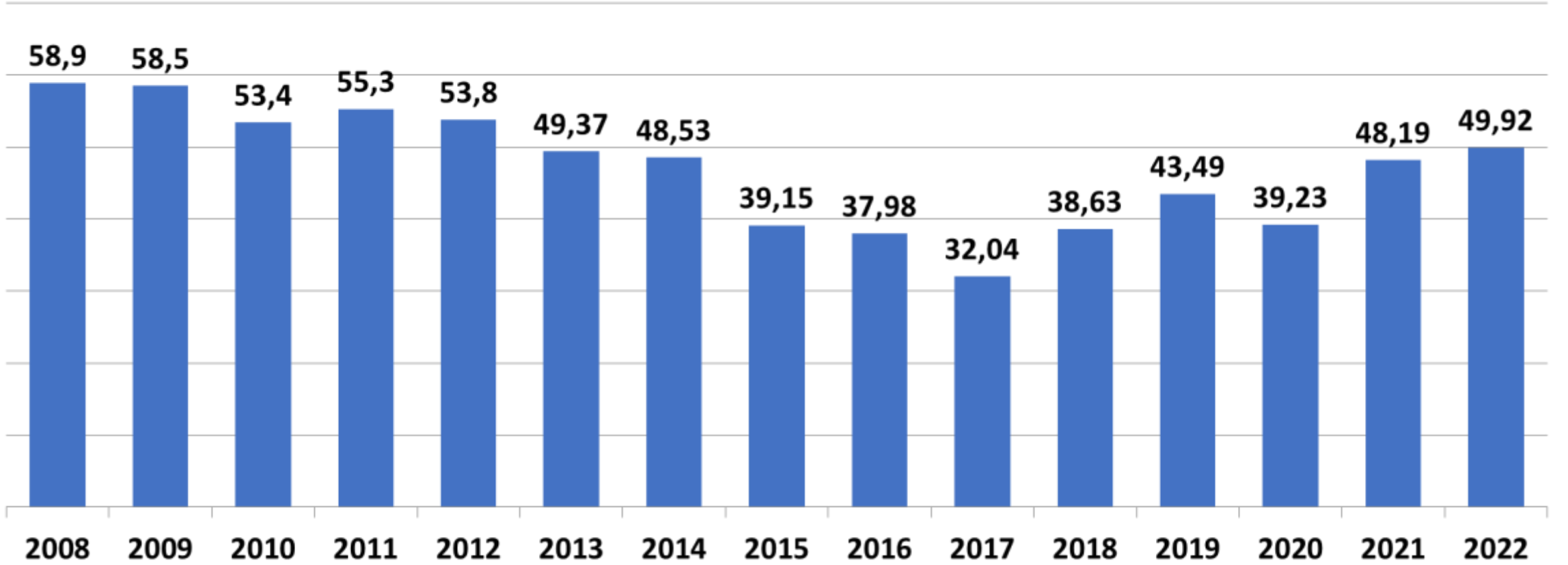
Vankomisine Dirençli Enterokok (VRE)



Dirençli izolatlar / Test edilen izolat sayısı X 100



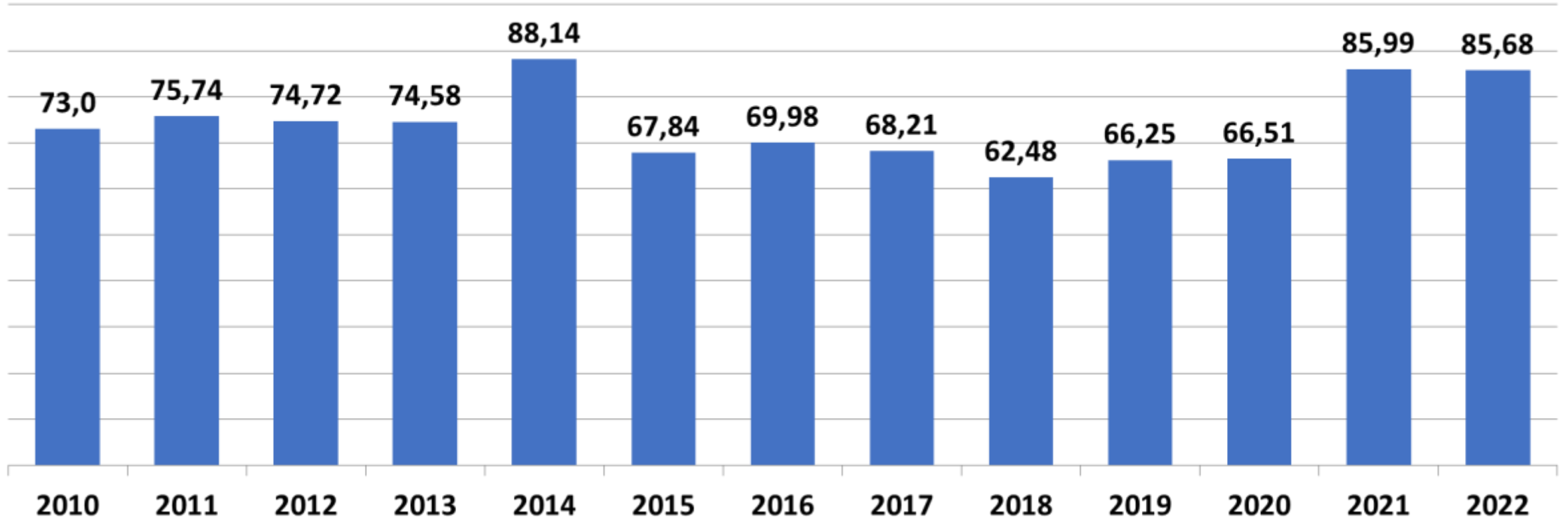
Metisiline Dirençli *Staphylococcus aureus* (MRSA)



Dirençli izolatlar / Test edilen izolat sayısı X 100



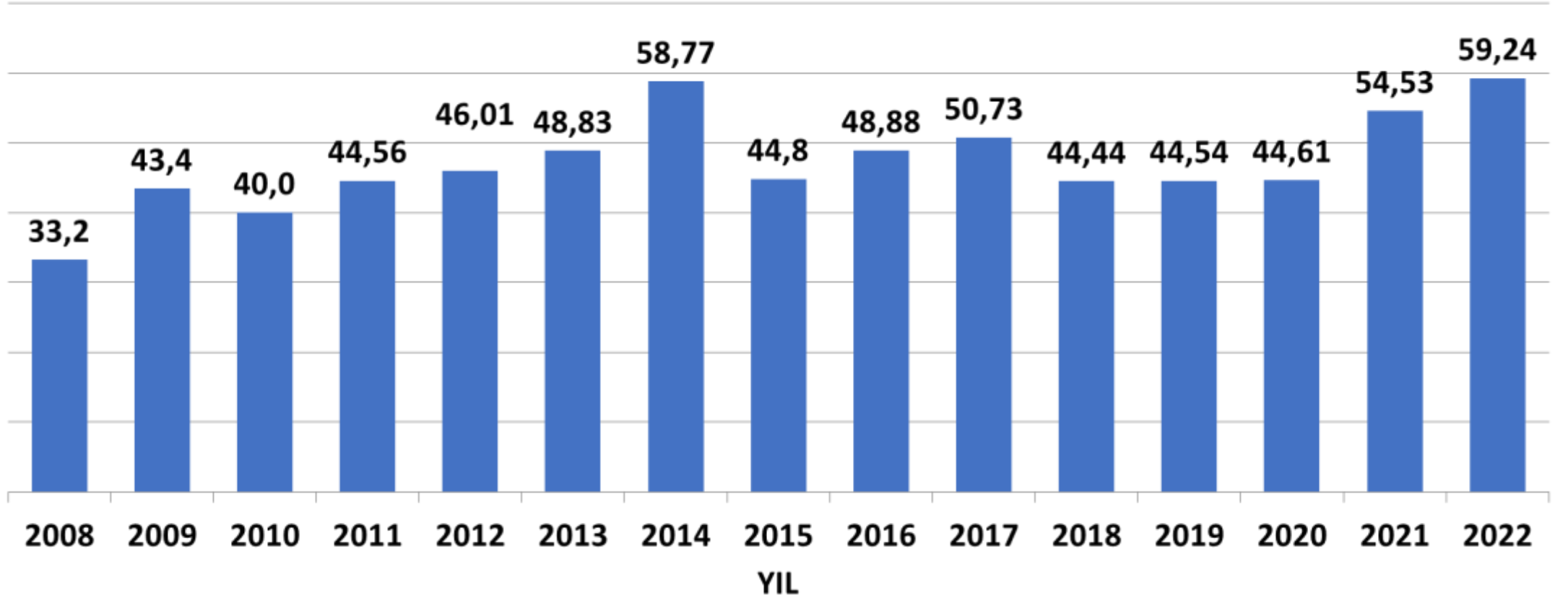
Metisiline Dirençli Koagülaz Negatif Stafilokoklar (MRKNS)



Dirençli izolatlar / Test edilen izolat sayısı X 100



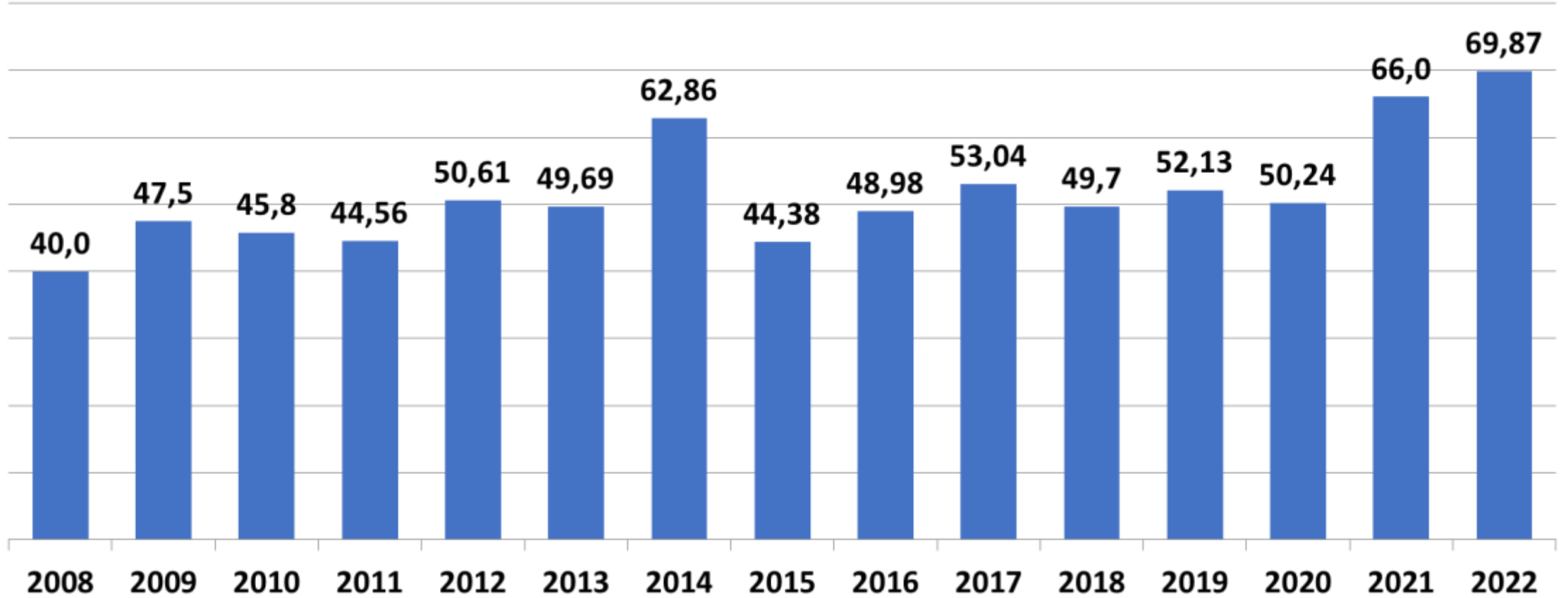
E. coli Suşlarında Extended Spectrum Beta Lactamase (ESBL)



Dirençli izolatlar / Test edilen izolat sayısı X 100



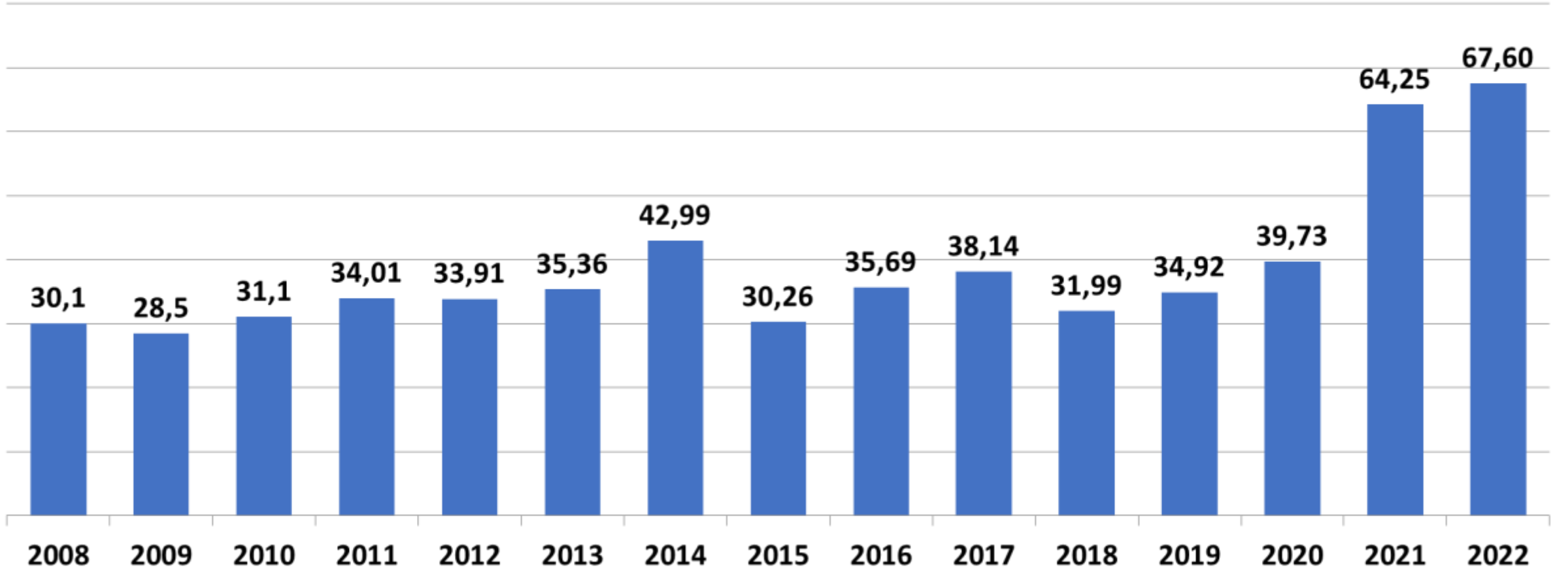
Klebsiella pneumoniae Suşlarında ESBL



Dirençli izolatlar / Test edilen izolat sayısı X 100



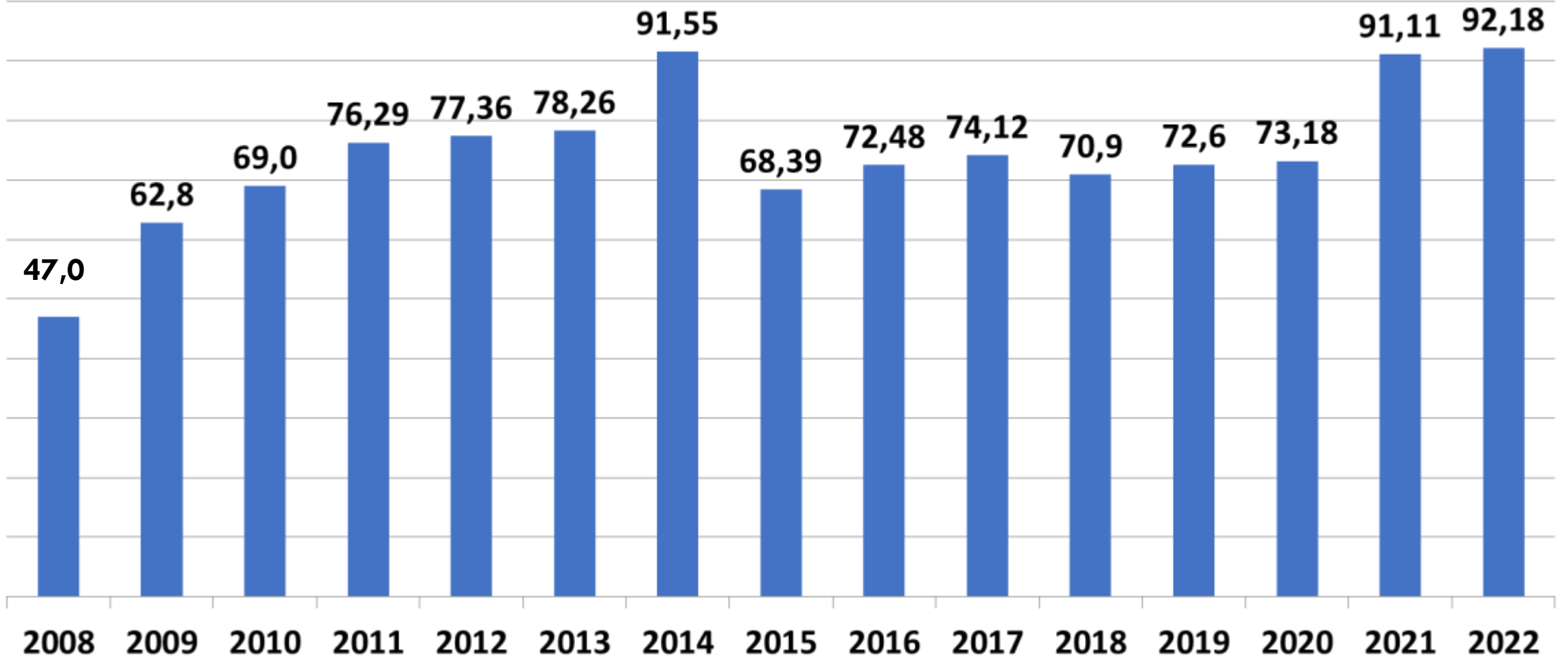
Karbapenem Dirençli *Pseudomonas aeruginosa*



Dirençli izolatlar / Test edilen izolat sayısı X 100



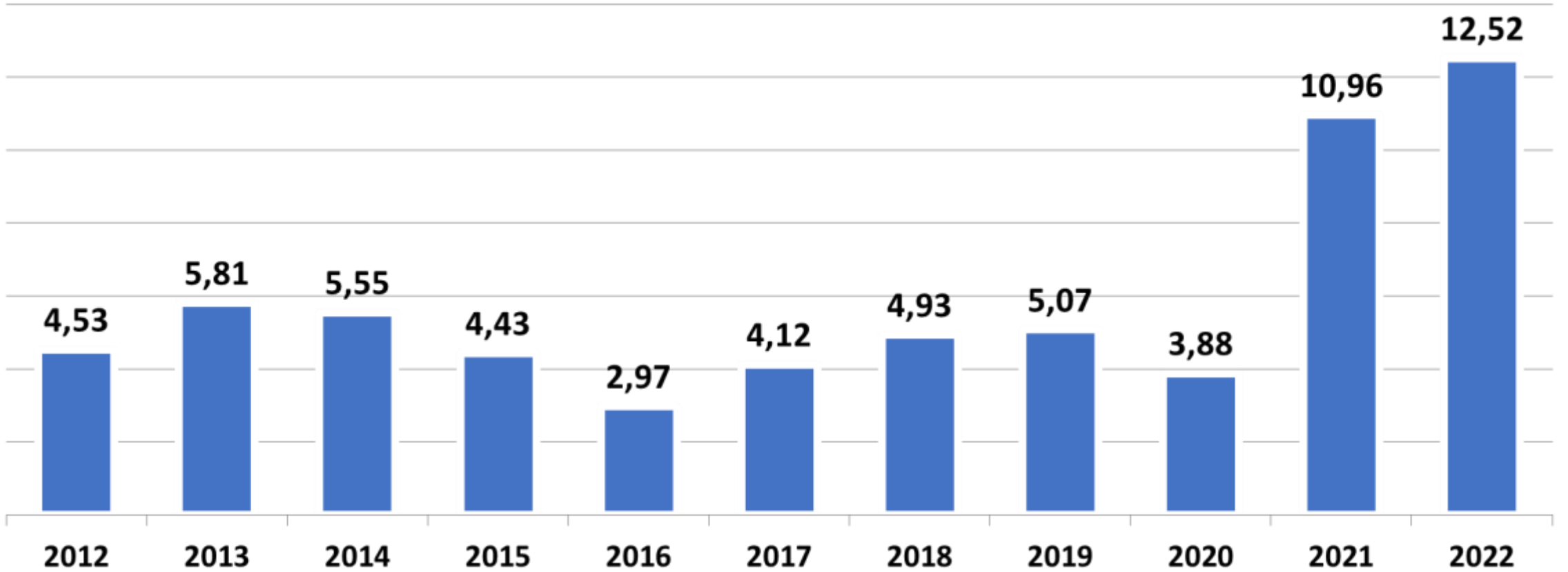
Karbapenem Dirençli *Acinetobacter baumannii*



Dirençli izolatlar / Test edilen izolat sayısı X 100



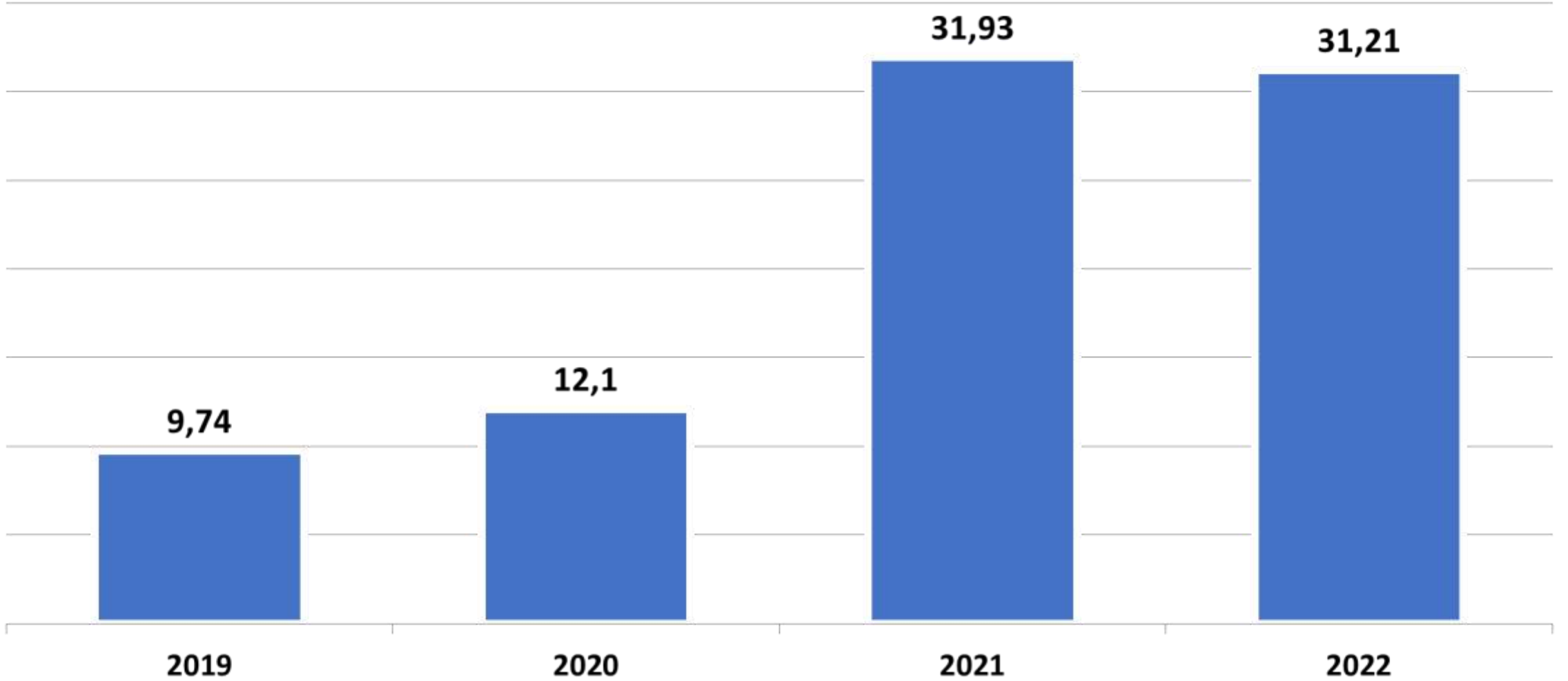
Kolistin Dirençli *Acinetobacter baumannii*



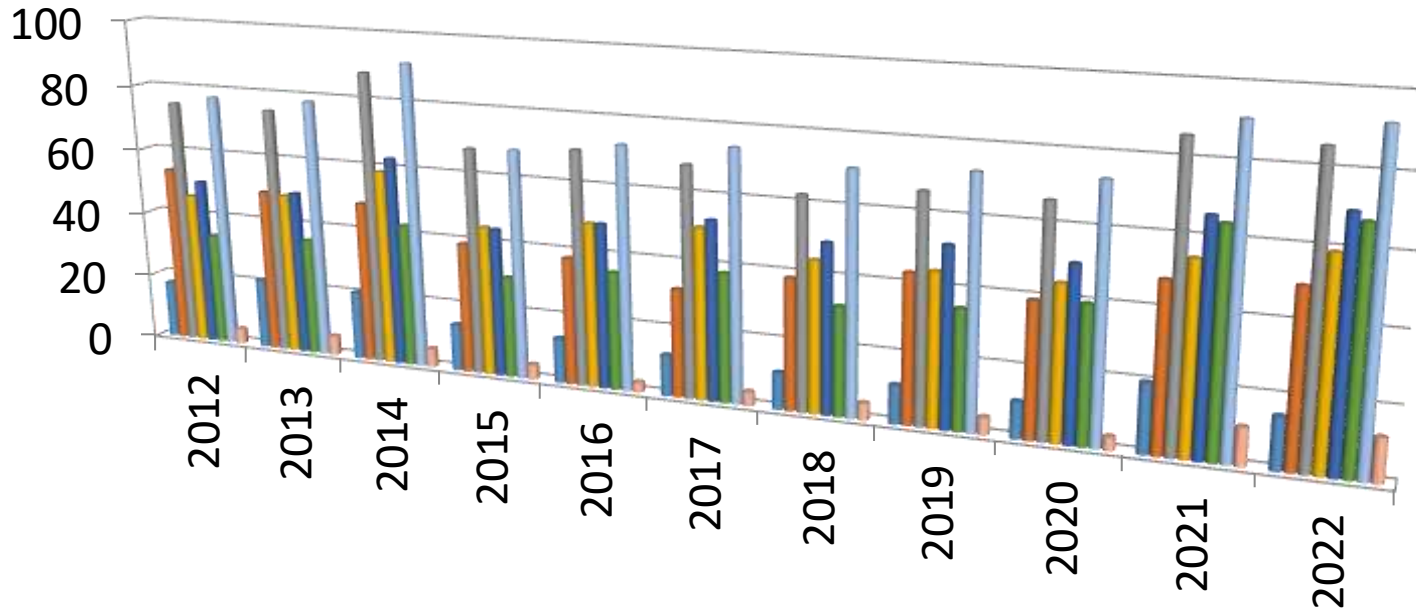
Dirençli izolatlar / Test edilen izolat sayısı X 100



Kolistin Dirençli *Klebsiella pneumoniae*



Dirençli izolatlar / Test edilen izolat sayısı X 100



	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
VRE	17,2	21,2	20,6	14,03	13,49	12,17	10,87	11,28	10,66	20,03	15
MRSA	53,8	49,3	48,5	39,15	37,98	32,04	38,63	43,49	39,23	48,19	49,92
MRKNS	74,7	74,6	88,1	67,84	69,98	68,21	62,48	66,25	66,51	85,99	85,68
E. coli ESBL	46	48,8	58,8	44,8	48,88	50,73	44,44	44,54	44,61	54,53	59,24
K. pneumoniae ESBL	50,6	49,7	62,9	44,38	48,98	53,04	49,7	52,13	50,24	66	69,87
P. aeruginosa KD	33,9	35,4	43	30,26	35,09	38,14	31,99	34,92	39,73	64,25	67,6
A. baumannii KD	77,4	78,3	91,6	68,39	72,48	74,12	70,9	72,6	73,18	91,11	92,18
A. baumannii Kolistin	4,5	5,8	5,6	4,43	2,97	4,12	4,93	5,07	3,88	10,96	12,52