



**Department
of Health**

New York Patient Occurrence Reporting & Tracking System (NYPORTS)

Summary Statistics 2018-2022

Office of Primary Care and Health System Management (OPCHSM)

New York State Department of Health (NYS DOH)

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Occurrences of Adverse Events by Detail Codes and Occurrence Year, 2018-2022 (sorted by total occurrences)

Data Source: NYPORTS, 2018-2022, as of April 11, 2024

		Occurrence Year					Total
		2018	2019	2020	2021	2022	
Code	Description						
915*	Death or serious injury	1,395	1,403	1,243	1,431	1,428	6,900
914	Misadministration of radiation or radioactive material	430	454	373	411	436	2,104
933	Termination of vital services	212	270	150	241	233	1,106
932	External disaster	205	128	302	190	173	998
922*	Patient suicide, attempted suicide	170	222	167	195	213	967
911*	Wrong side/wrong patient/wrong procedure	111	139	95	113	112	570
913*	Unintended retention of a foreign object	88	98	78	97	99	460
935	Hospital fire or other internal disaster	57	60	48	49	62	276
963*	Sexual abuse/sexual assault	47	35	24	50	45	201
921*	Death or serious injury resulting from physical assault	38	28	16	43	32	157
938*	Patient death or serious injury associated with device	26	24	13	18	14	95
701*	Death/serious injury associated with a burn	20	8	15	22	15	80
962*	Discharge to unauthorized person	6	7	11	14	13	51
923*	Death or serious injury associated with elopement	5	5	6	3	11	30
931	Strike by hospital staff	0	1	2	1	0	4
961*	Abduction of a patient of any age	0	1	2	0	0	3
934	Poisoning occurring within the hospital	0	0	0	0	2	2
All		2,810	2,883	2,545	2,878	2,888	14,004

* Occurrences requiring root cause analysis

Occurrences of Adverse Events by Facility Type and Occurrence Year, 2018-2022

Data Source: NYPORTS, 2018-2022, as of April 11, 2024

		Occurrence Year											
		2018		2019		2020		2021		2022		Total	
Facility Type ^a		Occurr. ^b	% ^c	Occurr.	%	Occurr.	%	Occurr.	%	Occurr.	%	Occurr.	%
Hospital	Critical Access Hospital	27	.	35	.	47	.	37	.	32	.	178	.
	Hospital	2,332	.	2,422	.	2,038	.	2,285	.	2,304	.	11,381	.
	Sole Community Hospital	120	.	176	.	108	.	125	.	143	.	672	.
	Total	2,479	88.2	2,633	91.3	2,193	86.2	2,447	85.0	2,479	85.8	12,231	87.3
Ambulatory Surgery	Total	89	3.2	70	2.4	92	3.6	87	3.0	96	3.3	434	3.1
Diagnostic and Treatment Centers	Total	242	8.6	180	6.2	260	10.2	344	12.0	313	10.8	1,339	9.6
All		2,810	100.0	2,883	100.0	2,545	100.0	2,878	100.0	2,888	100.0	14,004	100.0

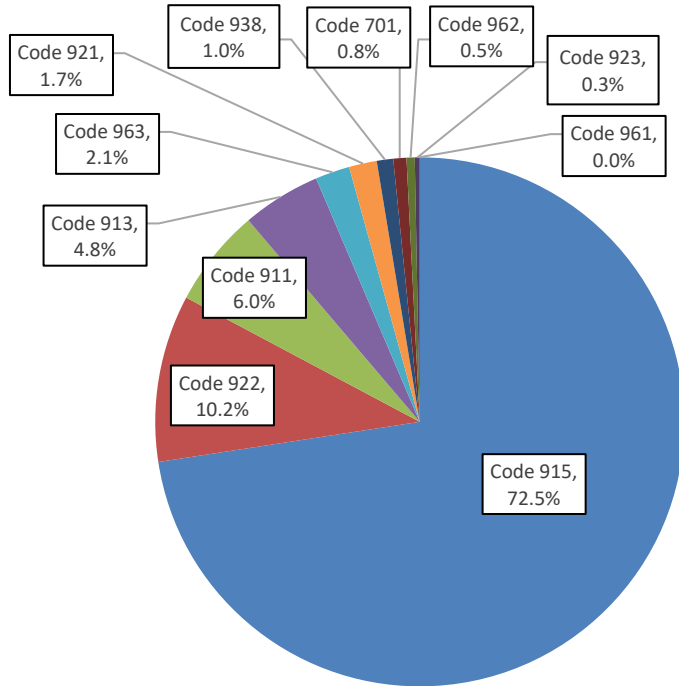
a The facility type was determined by SPARCS inpatient and ambulatory surgery events. If a facility submitted only ambulatory surgery events, then the facility type was classified as ambulatory surgery (not hospital associated). If the facility submitted inpatient and ambulatory surgery events to SPARCS, then the facility type was classified as hospital (which included hospital associated ambulatory surgery). If there were NYPORTS events at facilities that were not captured by the first two categories, then the facilities were classified as Diagnostic and Treatment Centers (which does not include Ambulatory Surgery Centers).

b Number of occurrences from NYPORTS

c The percentage of NYPORTS occurrences at each facility type (e.g. number of NYPORTS occurrences at a facility type divided by the total number of NYPORTS occurrences in the year across all facility types).

Distribution of the Occurrences Requiring Root Cause Analysis^a, 2018-2022

Data Source: NYPORTS, 2018-2022, as of April 11, 2024



Code	Description	Occurrences	%
915	Death or serious injury	6,900	72.5
922	Patient suicide, attempted suicide	967	10.2
911	Wrong side/wrong patient/wrong procedure	570	6.0
913	Unintended retention of a foreign object	460	4.8
963	Sexual abuse/sexual assault	201	2.1
921	Death or serious injury resulting from physical assault	157	1.7
938	Patient death or serious injury associated with device	95	1.0
701	Death/serious injury associated with a burn	80	0.8
962	Discharge to unauthorized person	51	0.5
923	Death or serious injury associated with elopement	30	0.3
961	Abduction of a patient of any age	3	0.0
	Total	9,514	100

^a Investigations by facilities into the root causes of an adverse event, or a Root Cause Analysis, are required in certain cases pursuant to Public Health Law Section 2805-L(4).

Occurrences by Service Location^a and Occurrence Year, 2018-2022 (sorted by total occurrences)

Code 911: Surgery/other invasive procedure performed on the wrong site/patient; wrong surgical or other invasive procedure

Data Source: NYPORTS, 2018-2022, as of April 11, 2024

	2018	2019	2020	2021	2022	Total	Percent
Orthopedics	9	25	13	15	9	71	12.5
Interventional Radiology	4	11	9	8	13	45	7.9
Surgery/General	15	8	5	7	10	45	7.9
Anesthesia	4	10	9	9	7	39	6.8
Ophthalmology	8	7	5	6	11	37	6.5
Urology	2	6	8	11	3	30	5.3
Neurosurgery	11	7	2	4	5	29	5.1
Medicine	6	5	5	1	10	27	4.7
Gastroenterology	5	8	1	5	4	23	4.0
Dentistry	7	2	3	5	2	19	3.3
Pain/Palliative	3	6	3	3	4	19	3.3
Gynecology	6	5	0	3	4	18	3.2
Radiology/Imaging	4	5	3	5	1	18	3.2
Emergency Medicine	1	2	6	6	2	17	3.0
Cardiology	5	3	3	1	2	14	2.5
Vascular Surgery	3	0	3	4	4	14	2.5
Other	1	4	2	2	4	13	2.3
Plastic Surgery	0	4	2	4	3	13	2.3
Cardiothoracic Surgery	2	0	1	1	3	7	1.2
Clinical Dentistry	3	1	1	1	1	7	1.2
Obstetrics	1	2	1	1	2	7	1.2
Ambulatory Surgery ^b	3	3	0	0	0	6	1.1
Otolaryngology/ENT	0	3	0	1	2	6	1.1
Total	111	139	95	113	112	570	100.0

a Service locations with <1.0% of the total are not displayed.

b Ambulatory surgery category was discontinued in 2019.

Occurrences by Service Location^a and Occurrence Year, 2018-2022 (sorted by total occurrences)

Code 913: Unintended retention of a foreign object after surgery or invasive procedure

Data Source: NYPORTS, 2018-2022, as of April 11, 2024

	2018	2019	2020	2021	2022	Total	Percent
Surgery/General	19	16	15	16	12	78	17.0
Obstetrics	6	18	6	17	8	55	12.0
Orthopedics	11	11	7	7	17	53	11.5
Cardiothoracic Surgery	5	7	2	14	4	32	7.0
Gynecology	8	6	6	5	5	30	6.5
Medicine	6	4	5	2	6	23	5.0
Emergency Medicine	3	2	8	3	5	21	4.6
Neurosurgery	1	4	3	5	5	18	3.9
Anesthesia	2	2	2	4	5	15	3.3
Urology	2	1	3	2	7	15	3.3
Vascular Surgery	3	1	2	3	5	14	3.0
Cardiology	2	2	1	4	2	11	2.4
Interventional Radiology	5	3	0	2	1	11	2.4
Other	1	3	2	0	4	10	2.2
Trauma Surgery	2	1	2	3	1	9	2.0
Neonatology	1	1	3	1	1	7	1.5
Dentistry	1	4	1	0	0	6	1.3
Otolaryngology/ENT	0	2	2	1	0	5	1.1
Total	88	98	78	97	99	460	100.0

a Service locations with <1.0% of the total are not displayed.

Occurrences by Service Location^a and Occurrence Year, 2018-2022 (sorted by total occurrences)

Code 915: Patient death or serious injury

Data Source: NYPORTS, 2018-2022, as of April 11, 2024

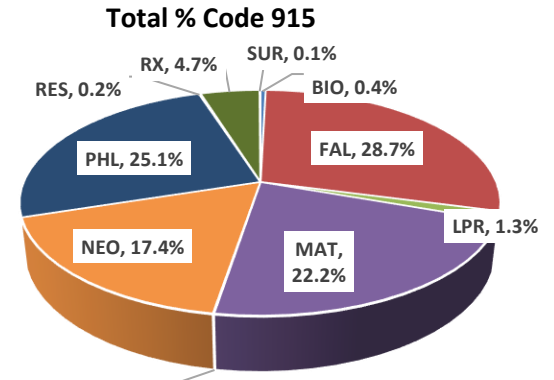
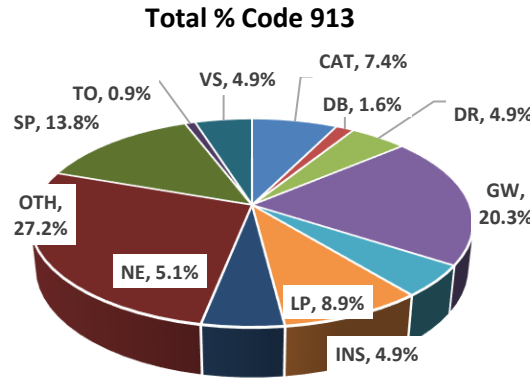
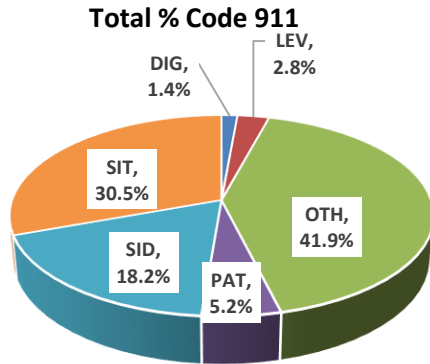
	2018	2019	2020	2021	2022	Total	Percent
Obstetrics	489	526	469	456	455	2,395	34.7
Medicine	271	251	259	278	290	1,349	19.6
Emergency Medicine	100	107	85	125	150	567	8.2
Surgery/General	58	50	45	48	48	249	3.6
Gastroenterology	44	45	28	47	47	211	3.1
Hemodialysis	14	34	40	44	37	169	2.4
Orthopedics	50	33	24	30	25	162	2.3
Gynecology	26	35	17	46	37	161	2.3
Psychiatry	47	41	19	21	30	158	2.3
Other	22	20	18	31	31	122	1.8
Oncology	19	18	25	30	26	118	1.7
Cardiology	21	23	14	13	30	101	1.5
Neonatology	23	25	10	21	22	101	1.5
Rehabilitation/Rehab Medicine	17	18	16	19	18	88	1.3
Radiology/Imaging	13	16	13	19	15	76	1.1
Total	1,395	1,403	1,243	1,431	1,428	6,900	100.0

^a Service locations with <1.0% of the total are not displayed.

Occurrences of Codes 911, 913 and 915 by Sub Codes and Occurrence Year, 2018-2022 : Hospitals

Data Source: NYPORTS, 2018-2022, as of April 11, 2024

Year	911: Wrong site, patient, surgical, or procedure							913: Unintended retention of a foreign object after surgery or invasive procedure										915: Patient death or serious injury										All			
	DIG	LEV	OTH	PAT	SID	SIT	Total	CAT	DB	DR	GW	INS	LP	NE	OTH	SP	TO	VS	Total	BIO	FAL	LPR	MAT	MRI	NEO	PHL	RES		RX	SUR	Total
2018	4	8	40	6	18	24	100	7	1	6	19	6	7	6	19	6	1	7	85	11	367	13	294	.	232	324	3	63	.	1,307	1,492
2019	3	6	53	5	18	39	124	5	1	4	15	7	10	4	28	13	2	8	97	3	348	21	319	2	235	332	1	54	.	1,315	1,536
2020	.	.	32	5	22	30	89	10	.	2	19	6	7	.	22	6	1	1	74	2	330	15	286	.	200	271	2	48	4	1,158	1,321
2021	.	.	36	9	20	30	95	6	2	6	16	2	10	7	22	22	.	4	97	5	366	13	264	.	218	352	3	80	.	1,301	1,493
2022	.	.	49	1	13	30	93	5	3	4	22	1	6	6	31	15	.	2	95	6	415	20	257	.	230	322	1	57	1	1,309	1,497
All	7	14	210	26	91	153	501	33	7	22	91	22	40	23	122	62	4	22	448	27	1,836	82	1,420	2	1,115	1,601	10	302	5	6,390	7,339

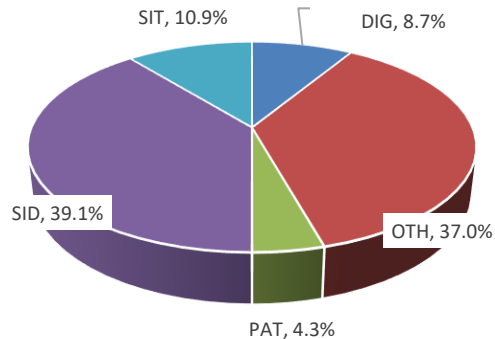


Occurrences of Codes 911, 913 and 915 by Sub Codes and Occurrence Year, 2018-2022 : Ambulatory Surgery

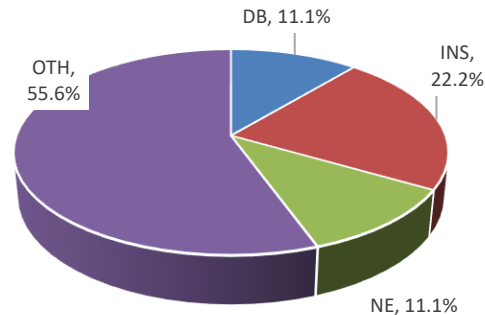
Data Source: NYPORTS, 2018-2022, as of April 11, 2024

Year	911: Wrong site, patient, surgical, or procedure						913: Unintended retention of a foreign object after surgery or invasive procedure					915: Patient death or serious injury							All
	DIG	OTH	PAT	SID	SIT	Total	DB	INS	NE	OTH	Total	BIO	FAL	LPR	PHL	RX	SUR	Total	
2018	.	1	.	2	1	4	.	.	1	.	1	1	2	1	47	4	.	55	60
2019	4	2	1	3	2	12	.	.	.	1	1	.	3	.	39	.	1	43	56
2020	.	3	.	.	.	3	1	1	.	2	4	.	2	.	28	.	.	30	37
2021	.	3	1	7	2	13	.	.	.	.	.	.	1	.	52	2	.	55	68
2022	.	8	.	6	.	14	.	1	.	2	3	.	1	.	59	.	1	61	78
All	4	17	2	18	5	46	1	2	1	5	9	1	9	1	225	6	2	244	299

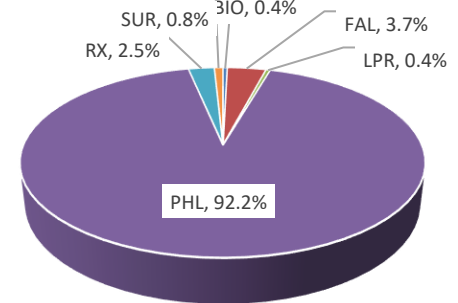
Total % Code 911



Total % Code 913



Total % Code 915

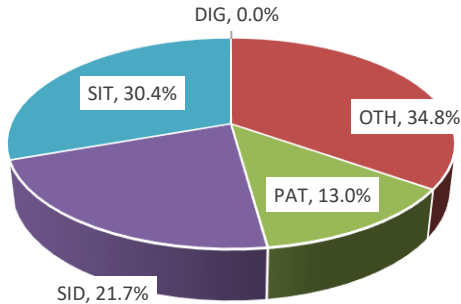


Occurrences of Codes 911, 913 and 915 by Sub Codes and Occurrence Year, 2018-2022 : Diagnostic and Treatment Centers not including Ambulatory Surgery Centers

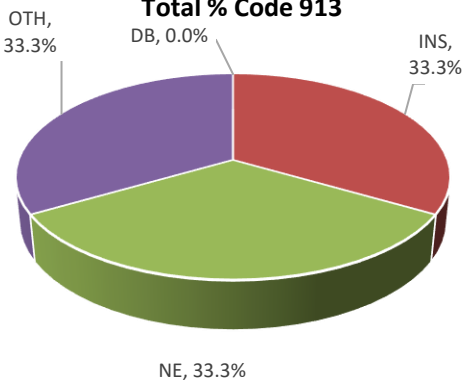
Data Source: NYPORTS, 2018-2022, as of April 11, 2024

Year	911: Wrong site, patient, surgical, or procedure					913: Unintended retention of a foreign object after surgery or invasive procedure					915: Patient death or serious injury							All		
	DIG	OTH	PAT	SID	SIT	Total	DB	INS	NE	OTH	Total	BIO	FAL	LPR	MAT	NEO	PHL		RX	Total
2018	.	1	1	2	3	7	.	1	1	.	2	2	5	.	.	2	22	2	33	42
2019	.	2	.	1	.	3	.	.	.	.	.	.	2	.	.	1	42	.	45	48
2020	.	1	.	1	1	3	.	.	.	.	.	.	6	1	1	.	47	.	55	58
2021	.	1	1	1	2	5	.	.	.	.	.	.	8	.	.	.	58	9	75	80
2022	.	3	1	.	1	5	.	.	.	1	1	.	9	.	.	.	45	4	58	64
All	0	8	3	5	7	23	0	1	1	1	3	2	30	1	1	3	214	15	266	292

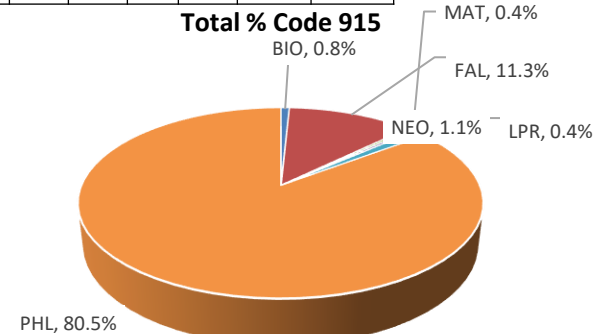
Total % Code 911



Total % Code 913



Total % Code 915



Sub Code Descriptions for Codes 911, 913 and 915

Code 911	
DIG	Wrong digit (retired on 8/23/2019)
LEV	Wrong level (retired on 8/23/2019)
OTH	Wrong procedure
PAT	Wrong patient
SID	Wrong side
SIT	Wrong site

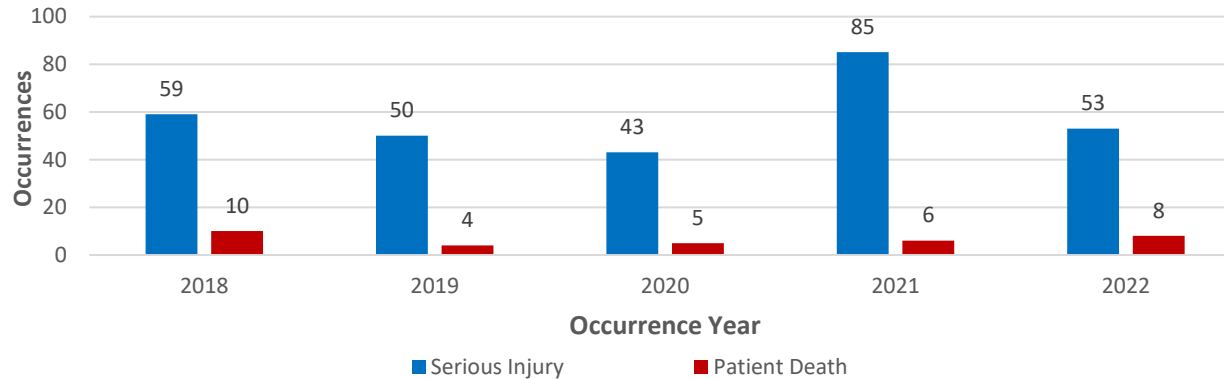
Code 913	
CAT	Catheter
DB	Drill Bit
DR	Drain
GW	Guidewire
INS	Instrument
LP	Lap Pad
NE	Needle
OTH	Other
SP	Sponge
TO	Towel
VS	Vaginal Sponge

Code 915	
BIO	Death or serious injury resulting from the irretrievable loss of an irreplaceable biologic specimen
FAL	Fall associated with a death or serious injury
LPR	Death or serious injury associated with failure to follow up or communicate lab, pathology, radiology test results
MAT	Maternal death or serious injury
MRI	Death or serious injury associated with the introduction of a metallic object into the MRI area
NEO	Neonatal death or serious injury
PHL	Death or serious injury in circumstances other than those related to the natural course of illness, disease or proper treatment
RES	Death or serious injury associated with the use of physical restraints or bedrails
RX	Death or serious injury associated with a medication error
SUR	Intraoperative or immediately postoperative/post procedure death

Occurrences of Medication Errors^a and Occurrence Year, 2018-2022

Data Source: NYPORTS, 2018-2022, as of April 11, 2024

Description	Occurrence Year					Total	%
	2018	2019	2020	2021	2022		
Serious Injury^b	59	50	43	85	53	290	89.8
Patient Death	10	4	5	6	8	33	10.2
Total	69	54	48	91	61	323	100.0



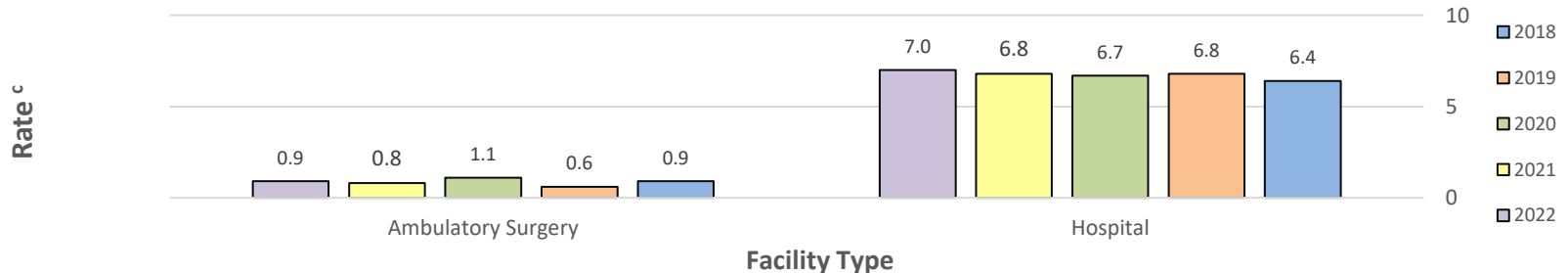
a Medication error code associated with a serious injury (detail code 915 with sub code RX).

b The “Near Death Event” category was discontinued as of August 23, 2019; it has been combined with the “Serious Injury” category.

Occurrences, Discharges and Occurrence Rate (per 10,000 discharges) by Facility Type^a and Occurrence Year, 2018-2022

Data Source: NYPORTS, 2018-2022 as of April 11, 2024; SPARCS 2018-2022 as of April 2024

Year	Ambulatory Surgery			Hospital			Diagnostic and Treatment Centers	
	Occurr. ^b	Discharges ^c	Rate ^d	Occurr.	Discharges	Rate	Occurr.	Discharges
2018	89	1,017,126	0.9	2,479	3,859,347	6.4	242	.
2019	70	1,088,930	0.6	2,633	3,877,070	6.8	180	.
2020	92	811,133	1.1	2,193	3,285,570	6.7	260	.
2021	87	1,030,692	0.8	2,447	3,585,610	6.8	344	.
2022	96	1,125,008	0.9	2,479	3,546,105	7.0	313	.



a The facility type was determined by SPARCS inpatient and ambulatory surgery events. If a facility submitted only ambulatory surgery events, then the facility type was classified as ambulatory surgery (not hospital associated). If the facility submitted inpatient and ambulatory surgery events to SPARCS, then the facility type was classified as hospital (which included hospital associated ambulatory surgery). If there were NYPORTS events at facilities that were not captured by the first two categories, then the facilities were classified as Diagnostic and Treatment Centers (which does not include Ambulatory Surgery Centers).

b Number of occurrences from NYPORTS

c Number of discharges from SPARCS

d Number of occurrences from NYPORTS divided by number of discharges from SPARCS multiplied by 10,000

Occurrences by Region and Occurrence Year, 2018-2022

Data Source: NYPORTS, 2018-2022 as of April 11, 2024

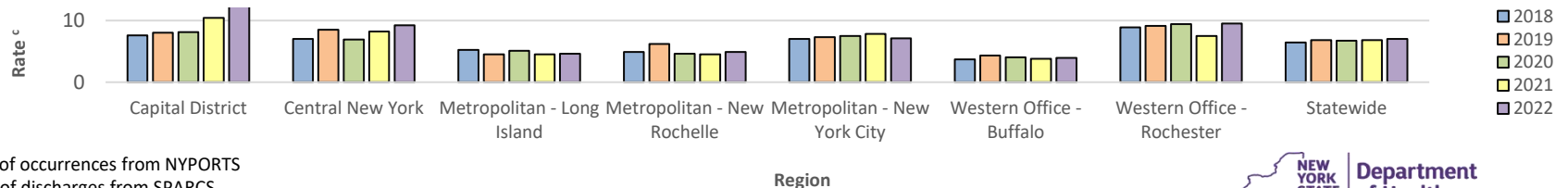
Regional Office	Year				
	2018	2019	2020	2021	2022
Capital District Regional Office	261	285	237	303	366
Central New York Regional Office	275	314	252	281	304
Metropolitan Area Regional Office - Long Island	333	279	287	299	287
Metropolitan Area Regional Office - New Rochelle	220	263	186	199	215
Metropolitan Area Regional Office - New York City	1,303	1,306	1,193	1,419	1,261
Western Regional Office - Buffalo	155	173	154	176	210
Western Regional Office - Rochester	263	263	236	201	245
Total	2,810	2,883	2,545	2,878	2,888



Occurrences, Discharges and Occurrence Rate (per 10,000 discharges) by Region and Occurrence Year, 2018-2022 : Hospitals

Data Source: NYPORTS, 201802022 as of April 11, 2024; SPARCS 2018-2022 as of April 2024

Regional Office	Occurrence Year														
	2018			2019			2020			2021			2022		
	Occurr. ^a	Disch ^b	Rate ^c	Occurr. ^a	Disch ^b	Rate ^c	Occurr. ^a	Disch ^b	Rate ^c	Occurr. ^a	Disch ^b	Rate ^c	Occurr. ^a	Disch ^b	Rate ^c
Capital District	240	3,15,638	7.6	249	310,172	8.0	217	269,316	8.1	273	261,890	10.4	324	235,487	13.8
Central New York	241	343,430	7.0	288	340,269	8.5	210	302,931	6.9	260	317,622	8.2	278	301,545	9.2
Metropolitan - Long Island	297	568,254	5.2	258	576,383	4.5	251	494,756	5.1	254	564,765	4.5	260	567,134	4.6
Metropolitan - New Rochelle	193	395,286	4.9	252	408,001	6.2	162	352,834	4.6	175	385,748	4.5	194	391,956	4.9
Metropolitan - New York City	1,149	1,653,209	7.0	1,197	1,647,922	7.3	1,018	1,350,776	7.5	1,183	1,508,741	7.8	1,065	1,497,693	7.1
Western Office - Buffalo	114	307,956	3.7	136	315,001	4.3	111	275,405	4.0	110	290,712	3.8	116	297,859	3.9
Western Office - Rochester	245	275,574	8.9	253	279,322	9.1	224	239,552	9.4	192	256,132	7.5	242	254,431	9.5
Statewide	2,479	3,859,347	6.4	2,633	3,877,070	6.8	2,193	3,285,570	6.7	2,447	3,585,610	6.8	2,479	3,546,105	7.0



a Number of occurrences from NYPORTS

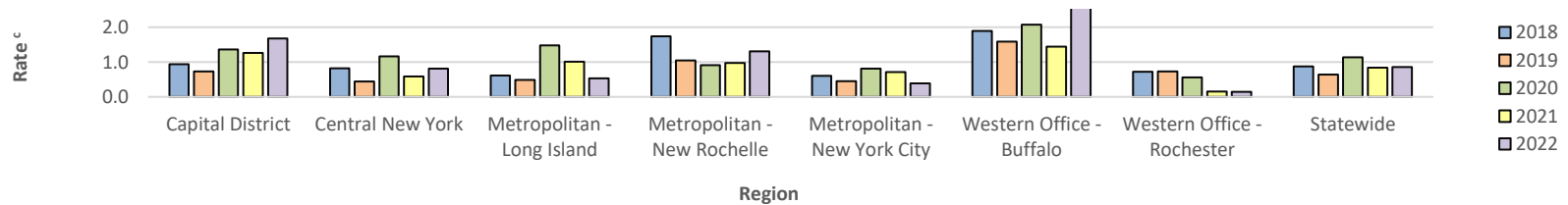
b Number of discharges from SPARCS

c Number of occurrences from NYPORTS divided by number of discharges from SPARCS multiplied by 10,000

Occurrences, Discharges and Occurrence Rate (per 10,000 discharges) by Region and Occurrence Year, 2018-2022 : Ambulatory Surgery

Data Source: NYPORTS, 201802022 as of April 11, 2024; SPARCS 2018-2022 as of April 2024

Regional Office	Occurrence Year														
	2018			2019			2020			2021			2022		
	Occurr. ^a	Disch ^b	Rate ^c	Occurr. ^a	Disch ^b	Rate ^c	Occurr. ^a	Disch ^b	Rate ^c	Occurr. ^a	Disch ^b	Rate ^c	Occurr. ^a	Disch ^b	Rate ^c
Capital District	10	107,007	0.9	8	109,284	0.7	12	88,276	1.4	13	102,615	1.3	19	113,252	1.7
Central New York	11	133,481	0.8	7	158,186	0.4	14	119,888	1.2	8	135,234	0.6	11	135,656	0.8
Metropolitan - Long Island	9	146,961	0.6	8	164,819	0.5	19	128,256	1.5	16	157,631	1.0	9	168,573	0.5
Metropolitan - New Rochelle	12	68,856	1.7	7	66,855	1.1	5	54,879	0.9	7	71,493	1.0	9	68,683	1.3
Metropolitan - New York City	24	396,638	0.6	19	420,743	0.5	24	294,083	0.8	29	408,762	0.7	18	461,353	0.4
Western Office - Buffalo	18	95,137	1.9	16	100,608	1.6	15	72,255	2.1	13	90,268	1.4	29	108,999	2.7
Western Office - Rochester	5	69,046	0.7	5	68,435	0.7	3	53,496	0.6	1	64,689	0.2	1	68,492	0.2
Statewide	89	1,017,126	0.9	70	1,088,930	0.6	92	811,133	1.1	87	1,030,692	0.8	96	1,125,008	0.9



a Number of occurrences from NYPORTS

b Number of discharges from SPARCS

c Number of occurrences from NYPORTS divided by number of discharges from SPARCS multiplied by 10,000