New York Patient Occurrence Reporting & Tracking System (NYPORTS)

Summary Statistics 2023

Office of Health Care Delivery

Office of Primary Care and Health Systems Management (OPCHSM)

New York State Department of Health (The Department)

Table of Contents

Occurrences of Adverse Events by Detail Code, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

	Year	
	2023	
	Occurrences	Percent
Detail Code		
701 *Death/serious injury associated with a burn	13	0.5%
911 *Wrong side/wrong patient/wrong procedure	125	4.3%
913 *Unintended retention of a foreign object	91	3.2%
914 Misadministration of radiation or radioactive material	506	17.6%
915 *Death or serious injury	1,461	50.8%
921 *Death or serious injury resulting from physical assault	30	1.0%
922 *Patient suicide, attempted suicide	177	6.2%
923 *Death or serious injury associated with elopement	2	0.1%
931 Strike by hospital staff	5	0.2%
932 External disaster	104	3.6%
933 Termination of vital services	237	8.2%
934 Poisoning occurring within the hospital	2	0.1%
935 Hospital fire or other internal disaster	51	1.8%
938 *Patient death or serious injury associated with device	12	0.4%
961 *Abduction of a patient of any age	2	0.1%
962 *Discharge to unauthorized person	15	0.5%
963 *Sexual abuse/sexual assault	42	1.5%
Total	2,875	100.0%

* Occurrences requiring root cause analysis

Facility Type		2023	2023
		Occurrences	Percent
Hospital	**Critical Access Hospital**	35	1.2%
	Hospital	2,390	83.1%
	Sole Community Hospital	151	5.3%
Ambulatory Surgery Centers (ASC)		87	3.0%
Diagnostic and Treatment Centers (D & TC)		212	7.4%
Total		2,875	100.0%

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 Centers (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).

Percent of Occurrences of Adverse Events by Facility Type, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

Hospital
89.6%

Diagnostic & Treatment Center
7.37%

Ambulatory Surgery Center
3.03%
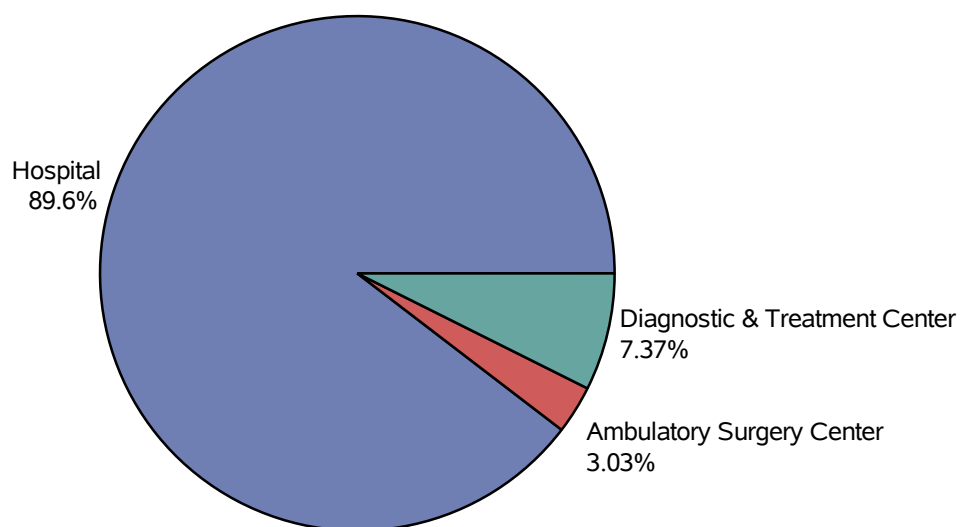
Facility Type   ■ Hospital   ■ Ambulatory Surgery Center   ■ Diagnostic & Treatment Center

Distribution of Occurrences Requiring Root Cause Analysis, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

	Year	
	2023	
	Occurrences	Percent
Detail Code		
701 *Death/serious injury associated with a burn	13	0.7%
911 *Wrong side/wrong patient/wrong procedure	125	6.3%
913 *Unintended retention of a foreign object	91	4.6%
915 *Death or serious injury	1,461	74.2%
921 *Death or serious injury resulting from physical assault	30	1.5%
922 *Patient suicide, attempted suicide	177	9.0%
923 *Death or serious injury associated with elopement	2	0.1%
938 *Patient death or serious injury associated with device	12	0.6%
961 *Abduction of a patient of any age	2	0.1%
962 *Discharge to unauthorized person	15	0.8%
963 *Sexual abuse/sexual assault	42	2.1%
Total	1,970	100.0%

* 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).

Percent of Occurrences Requiring Root Cause Analysis, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

913
4.62%

911
6.35%

915
74.16%

Other
5.89%

922
8.98%

| Detail Code | 911 | 913 | 915 | 922 | Other |
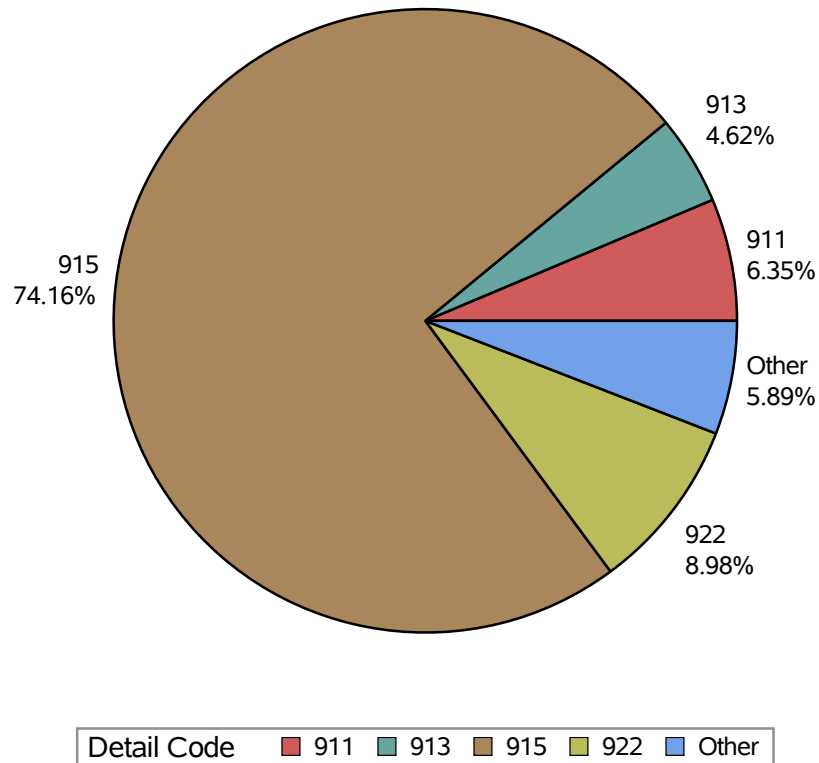
Code 911 - Surgery/other invasive procedure performed on the wrong site/patient; wrong surgical or other invasive procedure
Code 913 - Unintended retention of a foreign object after surgery or invasive procedure
Code 915 - Patient death or serious injury
Code 922 - Patient suicide; attempted suicide; OR self-harm that results in serious injury
Other category combines multiple small categories

Table of Occurrences by Service for Detail Code 911, 2023
Code 911: Surgery/other invasive procedure performed on the wrong site/patient; wrong surgical or other invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

	Year	
	2023	
	Occurrences	**Percent**
Service		
Emergency Medicine	7	5.6%
Gastroenterology	2	1.6%
Gynecology	3	2.4%
Hemodialysis	1	0.8%
Interventional Radiology	10	8.0%
Medicine	6	4.8%
Anesthesia	9	7.2%
Neurosurgery	3	2.4%
Nursery/NICU	3	2.4%
Obstetrics	2	1.6%
Oncology	1	0.8%
Ophthalmology	11	8.8%
Oral/Maxillofacial	1	0.8%
Orthopedics	11	8.8%
Otolaryngology/ENT	1	0.8%
Bariatric	1	0.8%
Pain/Palliative	5	4.0%
Pediatric Surgery	1	0.8%
Plastic Surgery	2	1.6%
Radiology/Imaging	4	3.2%
Rehabilitation/Rehab Medicine	1	0.8%
Surgery/General	17	13.6%
Transplant Surgery	1	0.8%
Urology	6	4.8%
Vascular Surgery	4	3.2%
Other	4	3.2%
Cardiology	2	1.6%
Cardiothoracic Surgery	2	1.6%
Dentistry	4	3.2%
Total	125	100.0%

Chart of Occurrences by Service for Detail Code 911, 2023
Code 911: Surgery/other invasive procedure performed on the wrong site/patient;
wrong surgical or other invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

Occurrences of Detail Code 911 by Facility Type and Sub Code, 2023
Code 911: Surgery/other invasive procedure performed on the wrong site/patient; wrong surgical or other invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

	Hospital	Ambulatory Surgery Centers (ASC)	Diagnostic and Treatment Centers (D & TC)	Total
Sub Code				
Wrong procedure	48	3	3	54
Wrong patient	2	1	.	3
Wrong side	16	5	.	21
Wrong site	42	4	1	47
Total	108	13	4	125

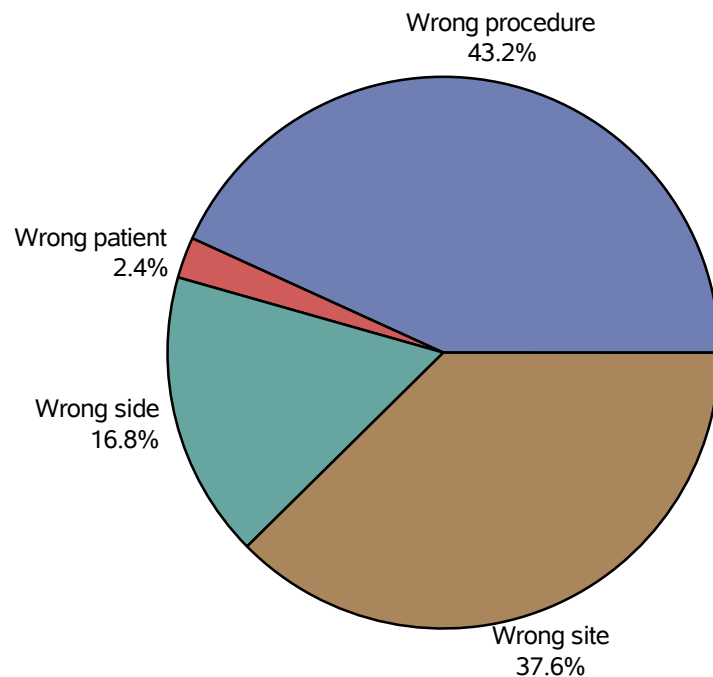**Percent of Occurrences of Detail Code 911 by Sub Code, 2023**
Code 911: Surgery/other invasive procedure performed on the wrong site/patient;
wrong surgical or other invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

Wrong procedure
43.2%

Wrong patient
2.4%

Wrong side
16.8%

Wrong site
37.6%

Sub Code ▣ Wrong procedure ▣ Wrong patient ▣ Wrong side ▣ Wrong site

Table of Occurrences by Service for Detail Code 913, 2023
Code 913: Unintended retention of a foreign object after surgery or invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

	Year	
	2023	
	Occurrences	**Percent**
Service		
Emergency Medicine	4	4.4%
Gastroenterology	1	1.1%
Gynecology	6	6.6%
Interventional Radiology	2	2.2%
Medicine	5	5.5%
Anesthesia	2	2.2%
Neurology	1	1.1%
Neurosurgery	2	2.2%
Obstetrics	9	9.9%
Ophthalmology	2	2.2%
Orthopedics	12	13.2%
Otolaryngology/ENT	1	1.1%
Bariatric	1	1.1%
Pediatric ICU	1	1.1%
Cardiac Catheterization	4	4.4%
Radiology/Imaging	1	1.1%
Surgery/General	18	19.8%
Thoracic Surgery	1	1.1%
Transplant Surgery	1	1.1%
Urology	7	7.7%
Vascular Surgery	2	2.2%
Other	4	4.4%
Cardiology	2	2.2%
Cardiothoracic Surgery	2	2.2%
Total	91	100.0%

Chart of Occurrences by Service for Detail Code 913, 2023
Code 913: Unintended retention of a foreign object after surgery or invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024
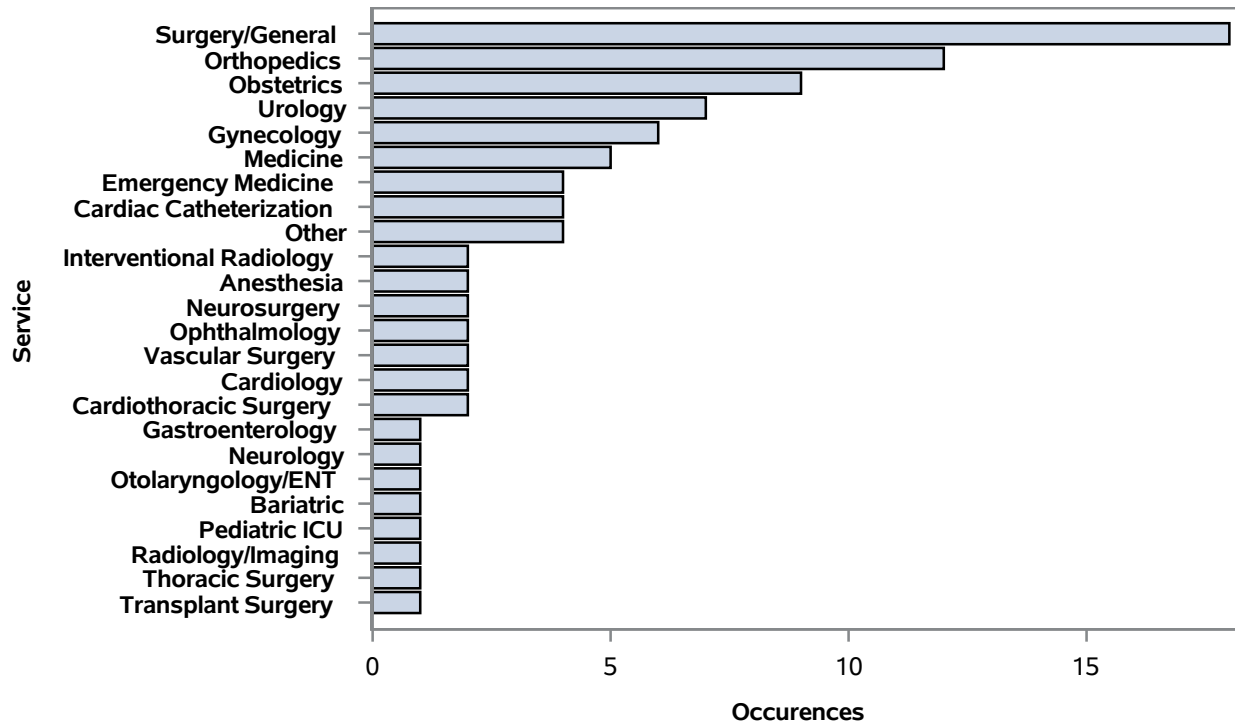
Occurrences of Detail Code 913 by Facility Type and Sub Code, 2023
Code 913: Unintended retention of a foreign object after surgery or invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

Sub Code	Hospital	Ambulatory Surgery Centers (ASC)	Total
Catheter	4	.	4
Drill Bit	1	.	1
Guidewire	20	.	20
Instrument	9	1	10
Lap Pad	6	.	6
Needle	8	.	8
Other Undefined	26	.	26
Sponge	8	1	9
Towel	1	.	1
Vaginal Sponge	5	1	6
Total	88	3	91

Percent of Occurrences of Detail Code 913 by Sub Code, 2023
Code 913: Unintended retention of a foreign object after surgery or invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

- Instrument 10.99%
- Guidewire 21.98%
- Lap Pad 6.59%
- Catheter 4.4%
- Other 2.2%
- Needle 8.79%
- Vaginal Sponge 6.59%
- Other Undefined 28.57%
- Sponge 9.89%

Sub Code
- Catheter
- Guidewire
- Instrument
- Lap Pad
- Needle
- Other Undefined
- Sponge
- Vaginal Sponge
- Other
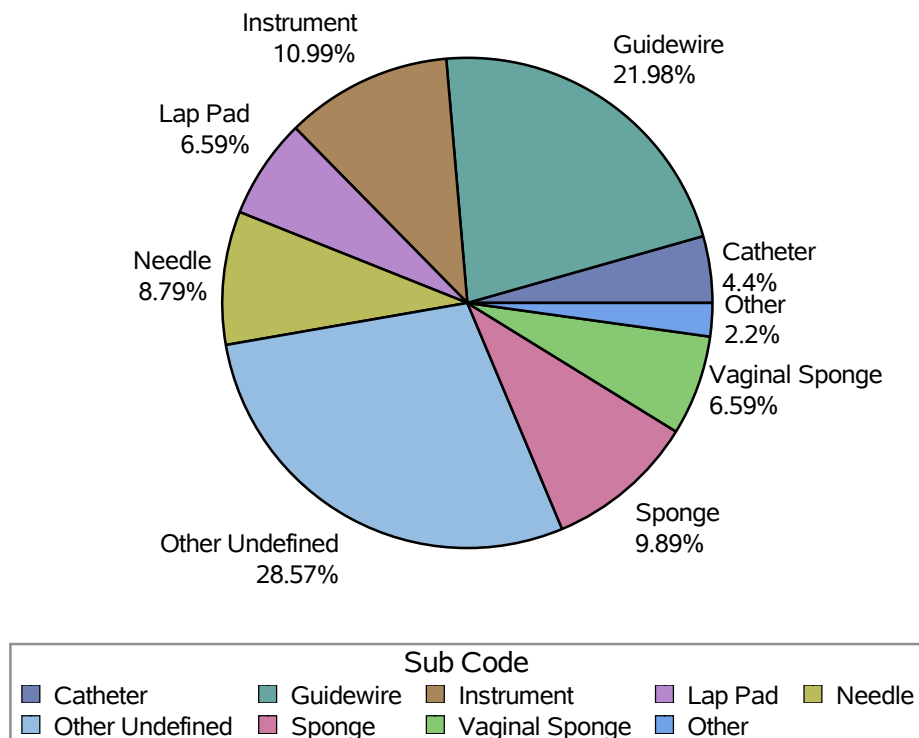
Other category combines multiple small categories

Table of Occurrences by Service for Detail Code 915, 2023
Code 915: Patient death or serious injury
Data Source: NYPORTS, 2023, as of December 6, 2024

	Year	
	2023	
	Occurrences	**Percent**
Service		
Alcohol & Drug	4	0.3%
Emergency Medicine	120	8.2%
Family Medicine	7	0.5%
Gastroenterology	35	2.4%
Gynecology	40	2.7%
Hematology	3	0.2%
Hemodialysis	32	2.2%
Inpatient Psychiatry	11	0.8%
Interventional Radiology	21	1.4%
Medicine	273	18.7%
Neonatology	23	1.6%
Anesthesia	10	0.7%
Nephrology	5	0.3%
Neurology	8	0.5%
Neurosurgery	15	1.0%
Nursery/NICU	9	0.6%
Obstetrics	534	36.6%
Oncology	29	2.0%
Oral/Maxillofacial	1	0.1%
Orthopedics	44	3.0%
Otolaryngology/ENT	5	0.3%
Bariatric	5	0.3%
Pain/Palliative	3	0.2%
Pediatric Cardiology	1	0.1%
Pediatric ICU	7	0.5%
Pediatric Oncology	1	0.1%
Pediatric Surgery	1	0.1%
Pediatrics	12	0.8%
Plastic Surgery	1	0.1%
Psychiatry	27	1.8%
Radiation Oncology	2	0.1%

(Continued)

Table of Occurrences by Service for Detail Code 915, 2023
Code 915: Patient death or serious injury
Data Source: NYPORTS, 2023, as of December 6, 2024

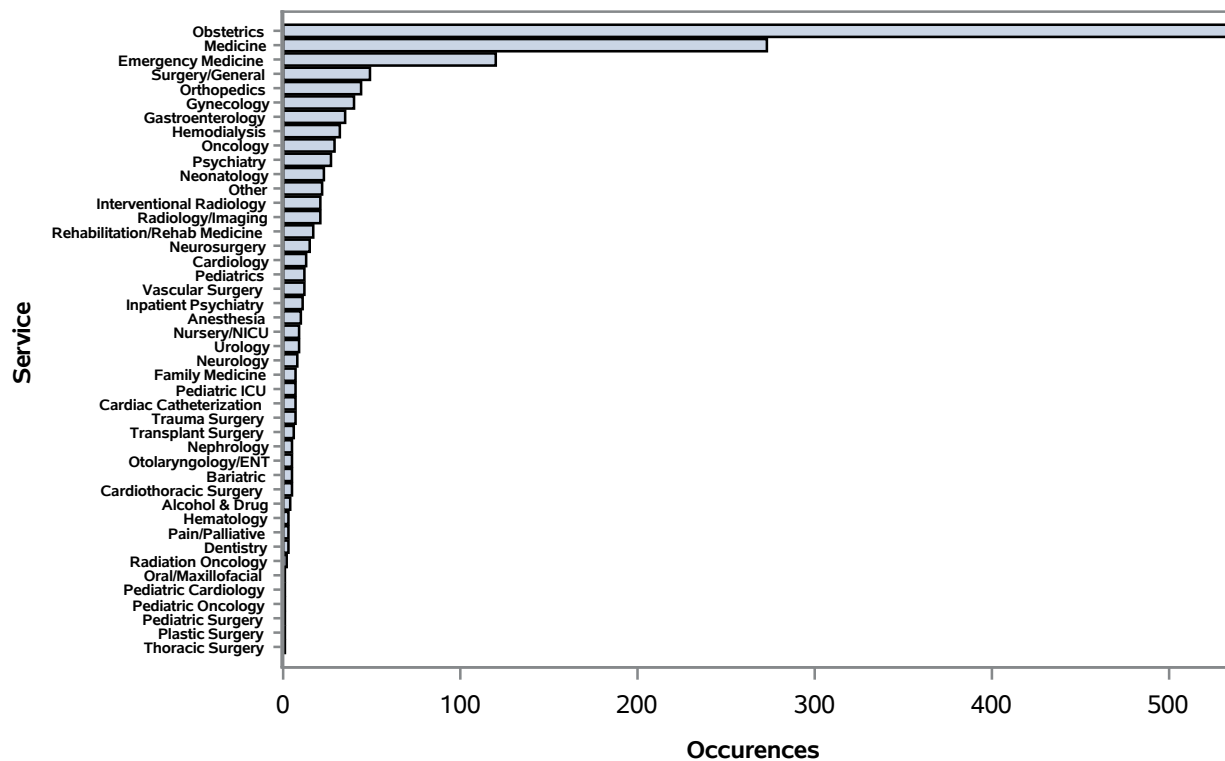|	Year	
	2023	
	Occurrences	**Percent**
Service		
Cardiac Catheterization	7	0.5%
Radiology/Imaging	21	1.4%
Rehabilitation/Rehab Medicine	17	1.2%
Surgery/General	49	3.4%
Thoracic Surgery	1	0.1%
Transplant Surgery	6	0.4%
Trauma Surgery	7	0.5%
Urology	9	0.6%
Vascular Surgery	12	0.8%
Other	22	1.5%
Cardiology	13	0.9%
Cardiothoracic Surgery	5	0.3%
Dentistry	3	0.2%
Total	1,461	100.0%

Chart of Occurrences by Service for Detail Code 915, 2023
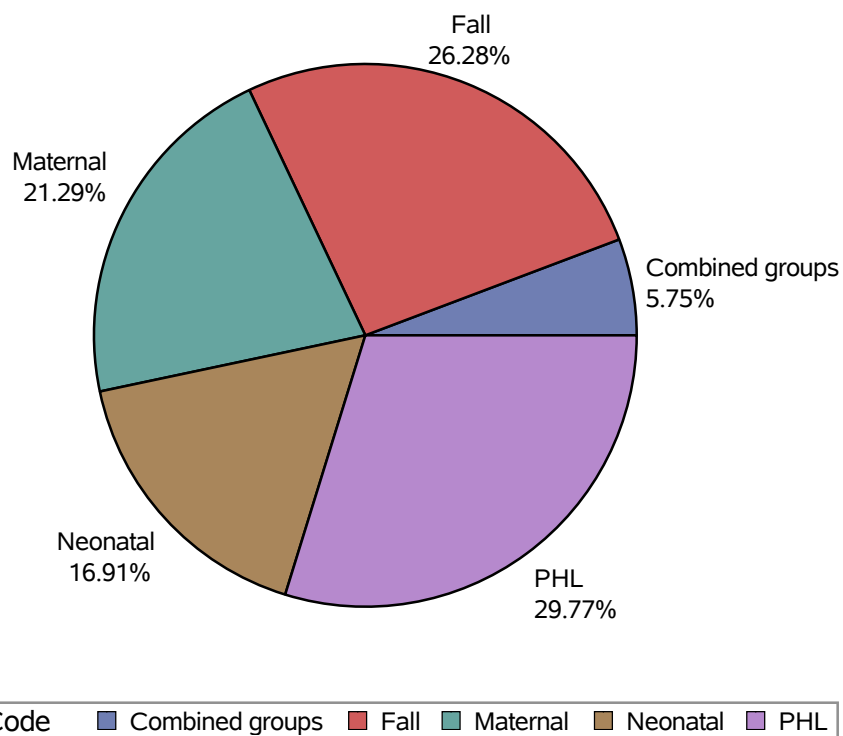Code 915: Patient death or serious injury
Data Source: NYPORTS, 2023, as of December 6, 2024

Occurrences of Detail Code 915 by Facility Type and Sub Code, 2023
Code 915: Patient death or serious injury
Data Source: NYPORTS, 2023, as of December 6, 2024

	Hospital	Ambulatory Surgery Centers (ASC)	Diagnostic and Treatment Centers (D & TC)	Total
Sub Code				
BIO-Death or serious injury from loss of irreplaceable biologic specimen	3	.	.	3
FAL-Fall associated with a death or serious injury	372	4	8	384
LPR-Death or serious injury from failure to follow up on lab, pathology, radiology results	16	1	.	17
MAT-Maternal death or serious injury	311	.	.	311
MRI-Death or serious injury from metallic object in MRI area	1	.	.	1
NEO-Neonatal death or serious injury	247	.	.	247
PHL-Death or serious injury unrelated to illness, disease or proper treatment	339	51	45	435
RES-Death or serious injury from use of physical restraints or bedrails	7	.	.	7
RX-Death or serious injury from medication error	54	.	1	55
SUR-Intraoperative or immediately post operative/procedure death	1	.	.	1
Total	1,351	56	54	1,461

Percent of Occurrences of Detail Code 915 by Sub Code, 2023
Code 915: Patient death or serious injury
Data Source: NYPORTS, 2023, as of December 6, 2024

Fall
26.28%

Maternal
21.29%

Combined groups
5.75%

Neonatal
16.91%

PHL
29.77%

Detail Code ☐ Combined groups ☐ Fall ☐ Maternal ☐ Neonatal ☐ PHL

PHL-Death or serious injury unrelated to illness, disease or proper treatment
Combined groups category combines multiple small categories

Table of Occurrences of Medication Errors*, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

	Year	
	2023	
	Occurrences	Percent
Description		
Patient Death	10	18.2%
Serious Injury	45	81.8%
Total	55	100.0%

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

Chart of Occurrences of Medication Errors*, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024
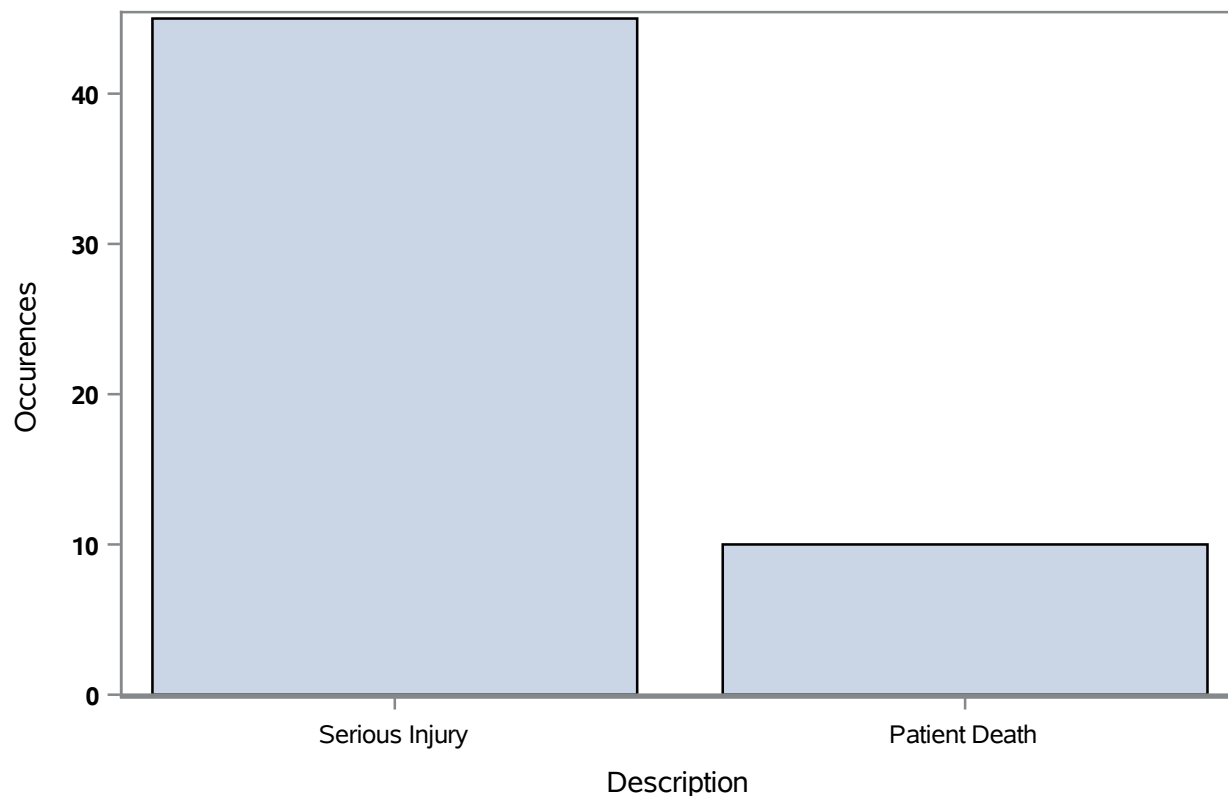
* Medication error code associated with a serious injury (detail code 915 with sub code RX).

Occurrences, Discharges and Occurrence Rate (per 10,000 discharges) by Facility Type, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

	Facility Type								
	Ambulatory Surgery Centers (ASC)			Diagnostic and Treatment Centers (D & TC)			Hospital		
Year	Occurrences	Discharges	Rate	Occurrences	Discharges	Rate	Occurrences	Discharges	Rate
2023	87	1,170,177	0.7	212	.	.	2,576	3,746,955	6.9

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 Centers (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). Events at Diagnostic and Treatment Centers are not recorded in SPARCS.
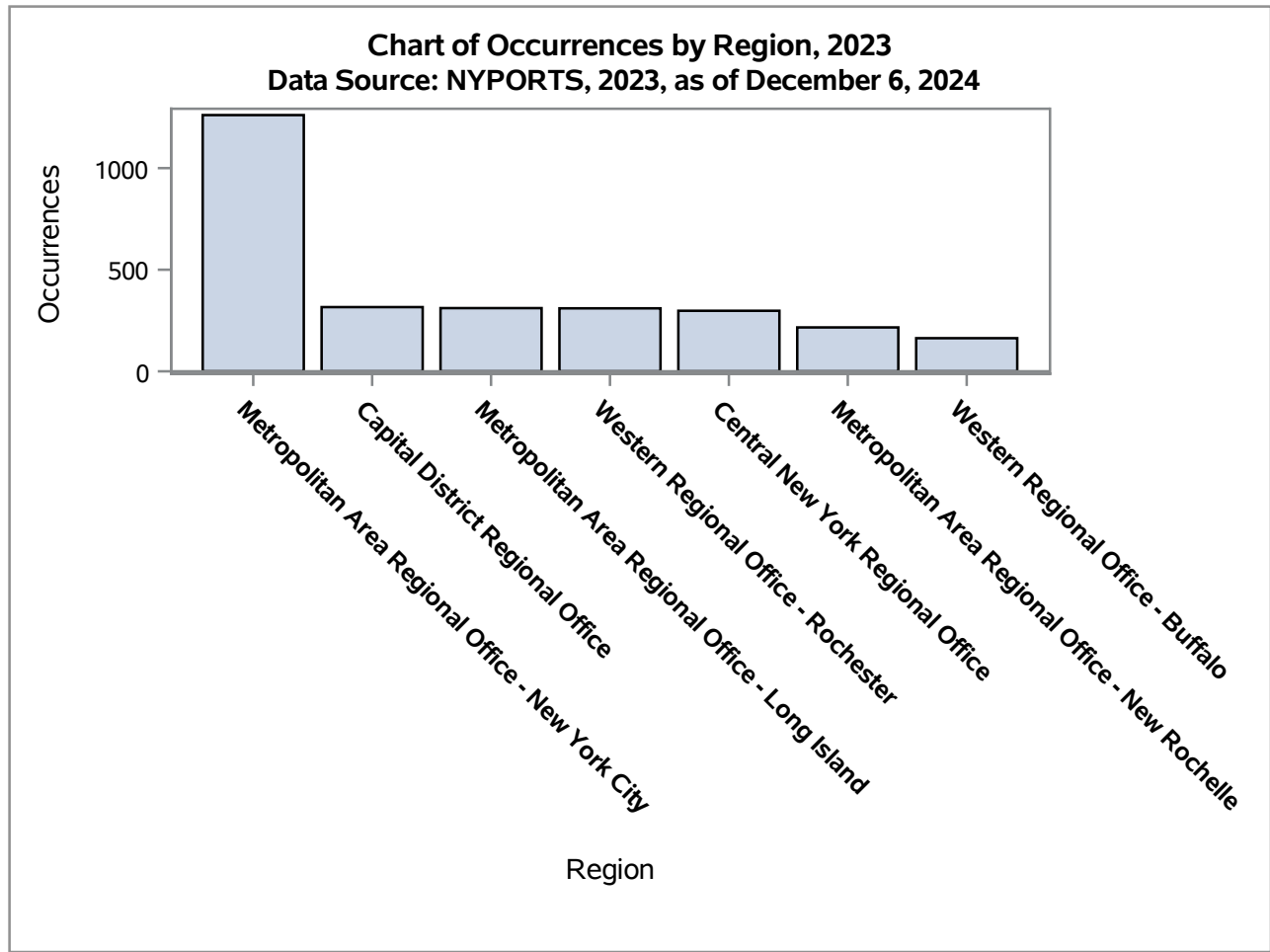
Occurences is the number of occurrences in NYPORTS.

Discharges is the number of discharges in SPARCS.

Rate is the number of occurrences from NYPORTS divided by the number of discharges from SPARCS multiplied by 10,000.

Table of Occurrences by Region, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

	Year	
	2023	
	Occurrences	**Percent**
Region		
Capital District Regional Office	316	11.0%
Central New York Regional Office	298	10.4%
Metropolitan Area Regional Office - Long Island	311	10.8%
Metropolitan Area Regional Office - New Rochelle	216	7.5%
Metropolitan Area Regional Office - New York City	1,261	43.9%
Western Regional Office - Buffalo	163	5.7%
Western Regional Office - Rochester	310	10.8%
Total	2,875	100.0%

Chart of Occurrences by Region, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

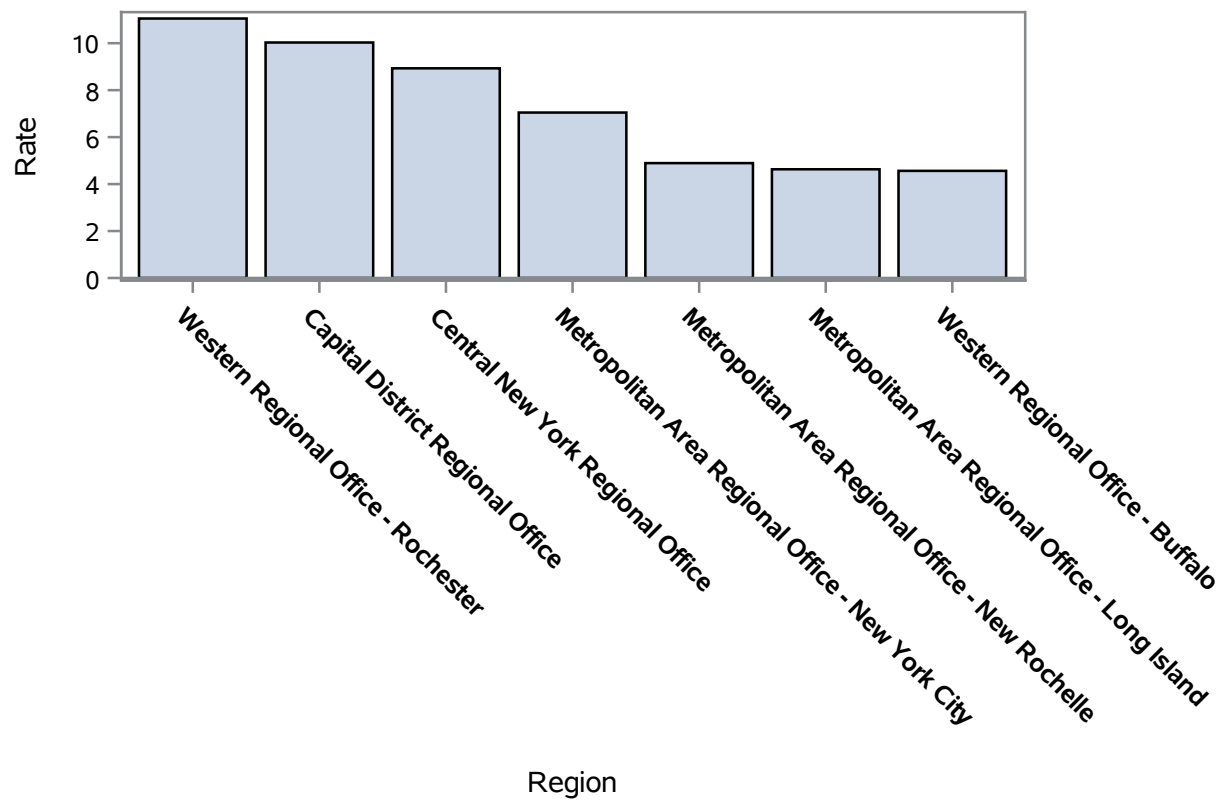|	Facility Type								
	Ambulatory Surgery Centers (ASC)			**Diagnostic and Treatment Centers (D & TC)**			**Hospital**		
Region	**Occurrences**	**Discharges**	**Rate**	**Occurrences**	**Discharges**	**Rate**	**Occurrences**	**Discharges**	**Rate**
Capital District Regional Office	21	117,939	1.8	5	.	.	290	289,144	10.0
Central New York Regional Office	6	127,147	0.5	5	.	.	287	321,378	8.9
Metropolitan Area Regional Office - Long Island	25	189,264	1.3	13	.	.	273	589,625	4.6
Metropolitan Area Regional Office - New Rochelle	10	66,707	1.5	5	.	.	201	410,818	4.9
Metropolitan Area Regional Office - New York City	15	474,095	0.3	157	.	.	1,089	1,545,621	7.0
Western Regional Office - Buffalo	8	123,440	0.6	20	.	.	135	295,803	4.6
Western Regional Office - Rochester	2	71,585	0.3	7	.	.	301	272,377	11.1
Total	87	1,170,177	6.3	212	.	.	2,576	3,724,766	51.1

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 Centers (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). Events at Diagnostic and Treatment Centers are not recorded in SPARCS.

Occurences is the number of occurrences in NYPORTS.

Discharges is the number of discharges in SPARCS.

Rate is the number of occurrences from NYPORTS divided by the number of discharges from SPARCS multiplied by 10,000.

Occurrence Rate for Hospital by Region, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024

Rate

Region

Occurrence Rate for Ambulatory Surgery by Region, 2023
Data Source: NYPORTS, 2023, as of December 6, 2024
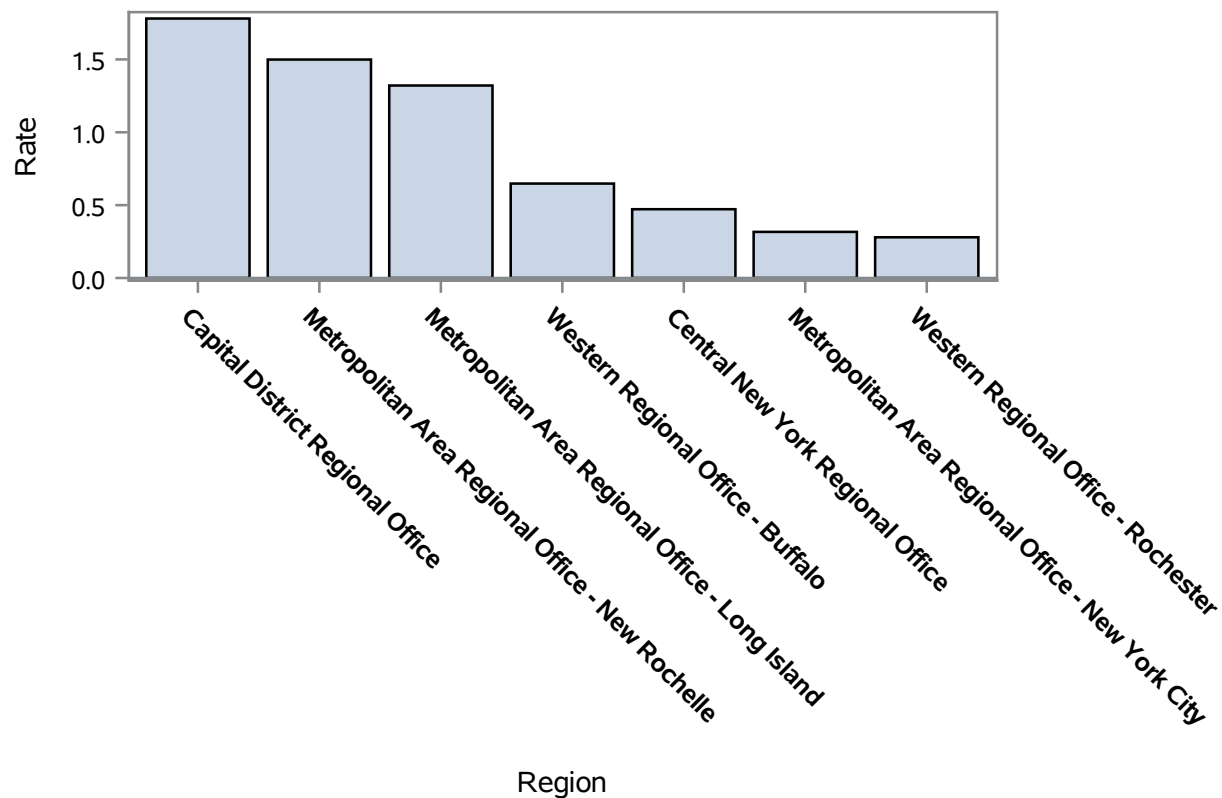
Occurrences, Discharges and Occurrence Rate (per 10,000 discharges) for Detail Code 911 by Facility Type, 2023
Code 911: Surgery/other invasive procedure performed on the wrong site/patient; wrong surgical or other invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

	Facility Type								
	Ambulatory Surgery Centers (ASC)			Diagnostic and Treatment Centers (D & TC)			Hospital		
Region	Occurrences	Discharges	Rate	Occurrences	Discharges	Rate	Occurrences	Discharges	Rate
Capital District Regional Office	4	117,939	0.3	2	.	.	4	289,144	0.1
Central New York Regional Office	3	127,147	0.2	.	.	.	7	321,378	0.2
Metropolitan Area Regional Office - Long Island	4	189,264	0.2	.	.	.	15	589,625	0.3
Metropolitan Area Regional Office - New Rochelle	1	66,707	0.1	.	.	.	5	410,818	0.1
Metropolitan Area Regional Office - New York City	1	474,095	0.0	1	.	.	60	1,545,621	0.4
Western Regional Office - Buffalo	.	.	.	.	.	.	5	295,803	0.2
Western Regional Office - Rochester	.	.	.	1	.	.	12	272,377	0.4
Total	13	975,152	1.0	4	.	.	108	3,724,766	1.7

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 Centers (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). Events at Diagnostic and Treatment Centers are not recorded in SPARCS.

Occurences is the number of occurrences in NYPORTS.

Discharges is the number of discharges in SPARCS.

Rate is the number of occurrences from NYPORTS divided by the number of discharges from SPARCS multiplied by 10,000.

Occurrences, Discharges and Occurrence Rate (per 10,000 discharges) for Detail Code 913 by Facility Type, 2023
Code 913: Unintended retention of a foreign object after surgery or invasive procedure
Data Source: NYPORTS, 2023, as of December 6, 2024

	Facility Type					
	Ambulatory Surgery Centers (ASC)			Hospital		
Region	Occurrences	Discharges	Rate	Occurrences	Discharges	Rate
Capital District Regional Office	.	.	.	8	289,144	0.3
Central New York Regional Office	.	.	.	11	321,378	0.3
Metropolitan Area Regional Office - Long Island	1	189,264	0.1	13	589,625	0.2
Metropolitan Area Regional Office - New Rochelle	.	.	.	5	410,818	0.1
Metropolitan Area Regional Office - New York City	1	474,095	0.0	35	1,545,621	0.2
Western Regional Office - Buffalo	1	123,440	0.1	6	295,803	0.2
Western Regional Office - Rochester	.	.	.	10	272,377	0.4
Total	3	786,799	0.2	88	3,724,766	1.8

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 Centers (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). Events at Diagnostic and Treatment Centers are not recorded in SPARCS.

Occurences is the number of occurrences in NYPORTS.

Discharges is the number of discharges in SPARCS.

Rate is the number of occurrences from NYPORTS divided by the number of discharges from SPARCS multiplied by 10,000.

Occurrences, Discharges and Occurrence Rate (per 10,000 discharges) for Detail Code 915 by Facility Type, 2023
Code 915: Patient death or serious injury
Data Source: NYPORTS, 2023, as of December 6, 2024

	Facility Type								
	Ambulatory Surgery Centers (ASC)			Diagnostic and Treatment Centers (D & TC)			Hospital		
Region	Occurrences	Discharges	Rate	Occurrences	Discharges	Rate	Occurrences	Discharges	Rate
Capital District Regional Office	8	117,939	0.7	.	.	.	132	289,144	4.6
Central New York Regional Office	3	127,147	0.2	2	.	.	111	321,378	3.5
Metropolitan Area Regional Office - Long Island	19	189,264	1.0	3	.	.	175	589,625	3.0
Metropolitan Area Regional Office - New Rochelle	8	66,707	1.2	.	.	.	115	410,818	2.8
Metropolitan Area Regional Office - New York City	11	474,095	0.2	40	.	.	645	1,545,621	4.2
Western Regional Office - Buffalo	7	123,440	0.6	9	.	.	77	295,803	2.6
Western Regional Office - Rochester	.	.	.	.	.	.	96	272,377	3.5
Total	56	1,098,592	3.9	54	.	.	1,351	3,724,766	24.1

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 Centers (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). Events at Diagnostic and Treatment Centers are not recorded in SPARCS.

Occurences is the number of occurrences in NYPORTS.

Discharges is the number of discharges in SPARCS.

Rate is the number of occurrences from NYPORTS divided by the number of discharges from SPARCS multiplied by 10,000.