



MEMORANDUM

Sept. 11, 2024 (revised Sept. 24, 2024)

To: Shauna Petchel

From: Ed Vawter

Subject: Workers' Compensation violent claims data for behavioral healthcare workers

This memorandum outlines results of an analysis of Oregon Workers' Compensation claims from 2013 through 2022. The first dataset was created targeting behavioral healthcare workers based on occupations using the Standard Occupation Codes (SOC) and industry based on the North American Industry Classification System (NAICS) along with the Occupational Injuries and Illnesses Classification System (OIICS) to determine if the claim involved violence. The SOC and NAICS used are outlined in Appendix A, and the OIICS codes excluded are in Appendix B. Appendix C contains the top ten items in several categories for behavioral healthcare workers, and Appendix D has the same but for healthcare workers generally.

A second data set was created for healthcare workers in all industries in NAICS 621 (Ambulatory Health Care Services), 622 (Hospitals), 623 (Nursing and Residential Care Facilities), and 624 (Social Assistance) to investigate a larger number of claims. The observations from this second data set are discussed in the section titled "Violence in healthcare generally."

Claims specific to behavioral healthcare workers

The behavioral healthcare dataset consists of 2,126 accepted disabling claims (ADC) over a ten-year period from Jan 2013 through Dec 2022 resulting in an average of 4.09 claims per week. These, the more severe claims, are accepted by the insurer and are disabling, meaning the injured worker missed three or more days of work. Medical claims where the worker was injured but did not miss work are not included, since these are not required to be reported to the Workers' Compensation Division (WCD).

One of the primary observations derived from this data is that a few occupations, employers, industries, etc. account for the majority of the claims. Of the 74 different occupations occurring in the data, the top ten account for 76% of the claims. For the 36 industries included, the top ten account for 96% of claims. The top five industries account for 92% of the claims.

This trend continues for other aspects of the claims. Out of 165 different employers, the top ten account for 77% of the claims. A single employer, Oregon State Hospital, accounts for 31% of claims. Regarding locations, of the 413 different locations, the top ten account for 55% of the claims. For the 147 business types¹ (a less granular and less rigorous classification of businesses), the top ten account for 70% of the claims.

The tendency for the data to group around a small number of occupations, employers, and industries also applies to the injuries. Of the 49 different nature of injuries, the top ten account for 91% of all claims. The top-ten body parts (out of 81 different parts reported) account for 63% of the claims. The event surrounding the injury is even more extreme. The single top event is hitting, kicking, beating or shoving and accounts for 88% of the claims. For the source of the injury, the top two sources (other client or customer, and patient) account for 90% of the claims.

Summary of violence claims specific to behavioral healthcare workers

The following are some of the key points related to violence claims for behavioral healthcare workers.

- Nursing and Residential Care Facilities account for over one-half of the violence claims (52.3%) while Ambulatory Health Care Services (outpatient facilities) contribute relatively few (2.4%). This can be seen in the breakdown of industries at the 3-digit NAICS level.

Industry at the 3-digit NAICS level	Count
623 Nursing and Residential Care Facilities	1111
622 Hospitals	761
923 Administration of Human Resource Programs	115
621 Ambulatory Health Care Services (outpatient services)	50
624 Social Assistance	37
611 Educational Services	16
922 Justice, Public Order, and Safety Activities	14
921 Executive, Legislative, and Other General Government Support	9
926 Administration of Economic Programs	5
561 Administrative and Support Services	5
999 Nonclassifiable	1
485 Transit and Ground Passenger Transportation	1
813 Religious, Grantmaking, Civic, Professional, and Similar Organizations	1
Total	2126

¹ Business type is a free text field and is inconsistent with regard to spelling and abbreviations. Some cleanup of the categories has occurred but was not exhaustive.

Here is the same data at the 4-digit NAICS level.

NAICS (4 digit level)	Count
6232 Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities	1079
6222 Psychiatric and Substance Abuse Hospitals	730
9231 Administration of Human Resource Programs	115
6221 General Medical and Surgical Hospitals	31
6213 Offices of Other Health Practitioners	28
6241 Individual and Family Services	25
6239 Other Residential Care Facilities	22
6111 Elementary and Secondary Schools	16
9221 Executive, Legislative, and Other General Government Support	14
6214 Outpatient Care Centers	13
9211 Executive, Legislative, and Other General Government Support	9
6243 Vocational Rehabilitation Services	7
6211 Elementary and Secondary Schools	6
6233 Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	6
9261 Administration of Economic Programs	5
5613 Employment Services	5
6231 Nursing Care Facilities (Skilled Nursing Facilities)	4
6244 Child Care Services	3
6242 Community Food and Housing, and Emergency and Other Relief Services	2
6216 Home Health Care Services	2
9999 Nonclassifiable	1
4859 Other Transit and Ground Passenger Transportation	1
6215 Medical and Diagnostic Laboratories	1
8131 Religious Organizations	1
Grand Total	2126

Temporary Shelters, NAICS 624221, is captured in the Social Services category (624) in the table above. Only five among the 37 claims for NAICS 624 were for behavioral health care workers in temporary shelters.

- Few claims involve the use of a weapon.
 - Use of a weapon would be reflected in the event as some events codes are specific, such as stabbing and shooting as well as in the secondary source.
 - There are only 61 claims with an identified secondary source. The breakdown by industry is shown below.

Claims with an identified secondary source

Industry	Count
Residential Intellectual and Developmental Disability Facilities	23
Psychiatric and Substance Abuse Hospitals	17
Residential Mental Health and Substance Abuse Facilities	5
Administration of Public Health Programs	5
General Medical and Surgical Hospitals	2
Other Individual and Family Services	2
Correctional Institutions	1
Services for the Elderly and Persons With Disabilities	1
Offices of Physical, Occupational Speech Therapists, and Audiologists	1
Outpatient Mental Health and Substance Abuse Centers	1
Vocational Rehabilitation Services	1
Executive and Legislative Offices, Combined	1
Child and Youth Services	1
Total	61

- Two claims, one using a firearm and another using scissors were classified as threat/verbal assault, and the claims were for stress or anxiety and did not result in a physical injury.
- Only 11 claims involved what would be construed as a weapon in the commonly understood sense (knife, firearm, etc.). There were also 11 claims involving chairs.

Violence in healthcare generally

A second dataset was constructed consisting of all industries in NAICS 621 (Ambulatory Health Care Services), 622 (Hospitals), 623 (Nursing and Residential Care Facilities), and 624 (Social Assistance). This dataset consists of 3,644 claims. It should be noted that while there is significant overlap between healthcare generally and the behavioral health datasets (1,955 claims in common), the behavioral healthcare (BH) workers dataset is not a subset of the larger healthcare dataset. This is due to the BH workers including non-healthcare settings such as counselors working in schools or rehabilitation counselors working in correctional institutions. The behavioral healthcare specific data contains 168 unique claims where the workers were not in a healthcare industry, whereas the general healthcare workers data contains 1,685 claims not in the behavioral healthcare data.

Despite these differences, the top occupations in both datasets, employers, industries, etc. are quite similar. For healthcare workers generally, the top-ten occupations account for 75% of the claims, and eight of the top-ten occupations are the same for both datasets differing only in rank order. For employers, 54% of claims occur in the top-ten employers. Seven of these are common to both datasets. In regard to industries, the top-ten industries account for 91% of all healthcare worker claims with the top three accounting for 65% of claims. The top-ten industries contain six

industries in common between the two datasets. Of the 292 different business types, the top ten account for 65% of claims with seven of those being shared between the two datasets. The same trend is seen in the healthcare locations. Of the 942 locations, the top ten account for 37% of claims, and seven of the top ten are the same for the two different data sets.

This trend continues with the classification of the injuries for healthcare workers generally. Of the 60 nature of injuries, the top ten account for 91% of all claims, and nine of these are in common with the top ten for behavioral healthcare workers. Of the 88 different parts of the body in the data, the top ten account for 61% of the claims, and again nine of those are the same as the top ten for behavioral healthcare workers. Of the 14 different events, the top ten account for 99%, and the top five account for 92% of the claims. All ten are common in both datasets with only a different rank order. For source, the top five account for 98% of claims, and there are nine of these in common between the two.

Summary of violence claims specific to healthcare workers

The following are some of the key points related to violence claims for healthcare workers generally.

- Hospitals slightly edge out Nursing and Residential Care Facilities for most claims. Combined these categories account for 86% of all violence claims in healthcare (NAICS 62).

Industry at the 3-digit NAICS	Count
622 Hospitals	1582
623 Nursing and Residential Care Facilities	1553
624 Social Assistance	322
621 Ambulatory Health Care Services	187
Grand Total	3644

Here is the breakdown at the 4-digits NAICS level.

Industry at the 4-digit NAICS level	Count
6232 Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities	1079
6221 General Medical and Surgical Hospitals	850
6222 Psychiatric and Substance Abuse Hospitals	730
6233 Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	225
6241 Individual and Family Services	196
6231 Nursing Care Facilities (Skilled Nursing Facilities)	155
6239 Other Residential Care Facilities	94
6216 Home Health Care Services	68
6244 Child Care Services	58
6243 Vocational Rehabilitation Services	53
6213 Offices of Other Health Practitioners	48
6214 Outpatient Care Centers	26
6211 Offices of Physicians	26
6242 Community Food and Housing, and Emergency and Other Relief Services	15
6215 Medical and Diagnostic Laboratories	9
6219 Other Ambulatory Health Care Services	7
6212 Offices of Dentists	3
6223 Specialty (except Psychiatric and Substance Abuse) Hospitals	2
Grand Total	3644

- Temporary Shelters (624221) fall within the 624 Social Assistance shown above. There are only 13 claims in NAICS 624221
- Few claims involve the use of a weapon.
 - Use of a weapon would be reflected in the event as some events codes are specific such as stabbing and shooting as well as the secondary source.
 - There are 103 claims with an identified secondary source. The breakdown by industry is shown below.

Industry at the 4-digit NAICS level with a secondary source	Count
6232 Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities	28
6221 General Medical and Surgical Hospitals	23
6222 Psychiatric and Substance Abuse Hospitals	17
6231 Nursing Care Facilities (Skilled Nursing Facilities)	7
6233 Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	6
6241 Individual and Family Services	5
6214 Outpatient Care Centers	4
6216 Home Health Care Services	3
6239 Other Residential Care Facilities	3
6243 Vocational Rehabilitation Services	2
6213 Offices of Other Health Practitioners	2
6244 Child Care Services	1
6211 Offices of Physicians	1
6242 Community Food and Housing, and Emergency and Other Relief Services	1
Grand Total	103

- Only 13 claims involved what would be construed as a weapon in the commonly understood sense (knife, firearm, etc.). There were also 15 claims involving chairs.

Summary Tables

The following tables show the percent of claims accounted for by the top ten or top five in each of the categories, and how many of those occur in both behavioral healthcare workers and healthcare workers in general. For example, the top-ten occupations account for 76% of behavioral healthcare worker claims while for healthcare this number is 75%. Eight of the top ten occur in both.

Top ten			
Category	Behavioral healthcare workers	Healthcare generally	Number in common
Occupation	76%	75%	8
Employer	77%	54%	7
Industry	96%	91%	6
Business type	79%	65%	7
Location	55%	37%	10
Nature	91%	91%	9
Part	63%	61%	9
Event	100%	99%	10
Source	100%	100%	9

Top five			
Category	Behavioral healthcare workers	Healthcare generally	Number in common
Occupation	56%	57%	5
Employer	68%	44%	4
Industry	92%	77%	4
Business type	64%	53%	4
Location	46%	30%	3
Nature	78%	79%	5
Part	44%	42%	5
Event	98%	92%	5
Source	98%	98%	5

Data Limitations

The following are the limitations of claims data.

- Only the most serious injuries involving three or more days away from work are reported. Injuries not resulting in time away from work are not entered into the Claims information System (CIS).
- No information regarding setting is reported to WCD. The closest data fields are industry, business type, and physical address.
- Extensive effort is undertaken to avoid coding errors, particularly for violence claims. However incorrect coding does occur.
- The CIS relies on information from insurers and may be incomplete. While effort is taken to collect missing information, some data elements still have a high percentage of missing data. For example, occupation (SOC) has historically had a missing percentage of 4-6%.
- The NAICS of a given location is determined by the primary activity occurring at that location. This can result in miscategorized information. For example a large surgical hospital may have a psychiatric facility within the hospital, but the injuries would be assigned as a surgical hospital and not as a psychiatric facility. Another example is temporary shelters which may be classified under the NAICS code for the facility in which it is contained (for example a church).

The business type field is free text and is inconsistent. Obvious problems were corrected (group home and group homes were combined) however an exhaustive correction was not undertaken.

Appendix A SOC and NAICS codes for behavioral healthcare workers

Standard Occupational Codes for behavioral healthcare workers.

19-3031 Clinical, Counseling, and School Psychologists
19-3032 Industrial-Organizational Psychologists
19-3039 Psychologists, All Other
21-1011 Substance Abuse and Behavioral Disorder Counselors
21-1014 Mental Health Counselors
21-1015 Rehabilitation Counselors
21-1019 Counselors, All Other
21-1020 Child, Family, and School Social Workers
21-1022 Healthcare Social Workers
21-1023 Mental Health and Substance Abuse Social Workers
21-1029 Social Workers, All Other
29-1066 Psychiatrists
29-2053 Psychiatric Technicians
31-1013 Psychiatric Aides

North American Industry Classification System codes for behavioral healthcare workers

621112 Offices of physicians, mental health specialists
621330 Offices of mental health practitioners (except physicians)
621420 Outpatient mental health and substance abuse centers
622210 Psychiatric and substance abuse hospitals
623210 Residential intellectual and developmental disability facilities
623220 Residential mental health and substance abuse facilities

Appendix B Occupational Injury and Illnesses Classification System

The Occupational Injury and Illnesses Classification System (OIICS) is used to code claims in four areas; nature (how a doctor would describe the injury or illness), part of the body, event (what led to the injury or illness) and source (what caused the injury or illness). Violent events in OIICS are those having an event code starting with the numeral one (1*). Since the focus is on violence against behavioral healthcare workers events caused by animals or insects were eliminated as were self-inflicted injuries, and commonly occurring events such as physical contact with other person in sporting event or physical training, physical contact during horseplay, and physical contact with person while moving that person—unintentional.

What follows is a list of excluded codes.

Self-inflicted injury—intentional

- 1120 Self-inflicted injury—intentional, unspecified
- 1121 Shooting—intentional self-harm
- 1122 Hanging, strangulation, asphyxiation—intentional self-harm
- 1123 Jumping from building or other structure—intentional self-harm
- 1124 Cutting, stabbing—intentional self-harm
- 1125 Drug overdose—intentional self-harm
- 1126 Inhalation of substance—intentional self-harm
- 1129 Self-inflicted injury—intentional, n.e.c. (not elsewhere classified)

Injury by other person—unintentional or intent unknown

- 1212 Injured by physical contact with other person in sporting event or physical training
- 1213 Injured by physical contact during horseplay
- 1215 Injured by physical contact with person while moving that person—unintentional

Self-inflicted injury—unintentional or intent unknown

- 1220 Self-inflicted injury—unintentional or intent unknown, unspecified
- 1221 Self-inflicted shooting—unintentional
- 1222 Self-inflicted shooting—intent unknown
- 1223 Self-tasered—unintentional
- 1224 Drug overdose—intent unknown
- 1229 Self-inflicted injury—unintentional or intent unknown, n.e.c. (not elsewhere classified)

13* Animal and insect related incidents

Appendix C Top ten for behavioral healthcare workers

Values occurring in both datasets are shaded.

Occupation	Count	Cumulative percent
Psychiatric Technicians	566	27%
Therapists, All Other	182	35%
Nursing Aides, Orderlies, and Attendants	166	43%
Psychiatric Aides	148	50%
Registered Nurses	124	56%
Healthcare Support Workers, All Other	118	61%
Personal and Home Care Aides	104	66%
Mental Health and Substance Abuse Social Workers	86	70%
Licensed Practical and Licensed Vocational Nurses	64	73%
Mental Health Counselors	54	76%

Employer	Count	Cumulative percent
OHA HS Oregon State Hospital	669	31%
Oregon DHS Developmental Disabilities Services	417	51%
Trillium Family Services Inc	204	61%
Partnerships In Community Living Inc	90	65%
Albertina Kerr Centers	64	68%
Work Unlimited	62	71%
Alternative Services-Or Inc	43	73%
Legacy Emanuel Hospital & Health Center	38	75%
Rise Services Inc	31	76%
State Of Oregon Health Authority	24	77%

Industry	Count	Cumulative percent
Residential Intellectual and Developmental Disability Facilities	798	38%
Psychiatric and Substance Abuse Hospitals	730	72%
Residential Mental Health and Substance Abuse Facilities	281	85%
Administration of Public Health Programs	110	90%
General Medical And Surgical Hospitals	31	92%
Offices of Mental Health Practitioners (Except Physicians)	26	93%
Other Residential Care Facilities	22	94%
Elementary and Secondary Schools	16	95%
Child And Youth Services	14	95%
Outpatient Mental Health and Substance Abuse Centers	13	96%

Business Type	Count	Cumulative percent
Mental/Hosp/Admin	662	31%
Group Home	352	48%
Res/Child/Treatment	125	54%
Mental Health Asssoc.	109	59%
Residential Care	79	62%
Children's Resident	79	66%
Administration	59	69%
Job Training/Place	59	72%
Mental Health	59	74%
Care Facility	45	77%

Location	Count	Cumulative percent
Hospital Administration 2600 Center St NE Salem 97301	662	31%
Children's Farm Home 4455 NE Highway 20 Corvallis 97330	125	37%
Perry Center 3415 SE Powell Blvd Portland 97202	79	41%
500 Summer St NE Salem 97310	61	44%
Main Office 480 Main St E Monmouth 97361	58	46%
Oak Street Group Home 805 E Oak St Lebanon 97355	43	48%
Cade House 871 Cade St NE Keizer 97303	39	50%
1225 NE 2nd Ave Portland 97232	37	52%
Madison Group Home 9352 SE Madison St Portland 97216	36	54%
Hampton Group Home 5525 Discovery Pl Salem 97317	28	55%

In the following tables n.e.c. is not elsewhere classified.

Nature of injury	Count	Cumulative percent
Sprains, strains	661	31%
Bruises, contusions	427	51%
Sprains and bruises	241	62%
Sprains and other injuries, n.e.c.	175	71%
Concussions	149	78%
Multiple traumatic injuries and disorders, n.e.c.	91	82%
Multiple - traumatic injury plus illness	69	85%
Fractures	55	88%
Puncture wounds, except gunshot wounds	34	89%
Multiple traumatic injuries to muscles, tendons, ligaments, joints,	31	91%

Part injured	Count	Cumulative percent
Multiple body parts, n.e.c.	384	18%
Brain	162	26%
Knee(s)	146	33%
Shoulder(s), including clavicle(s), scapula(e)	127	39%
Head and neck	126	44%
Lumbar region	106	49%
Neck, except internal location of diseases or disorders	100	54%
Multiple head locations	66	57%
Head, unspecified	64	60%
Wrist(s)	60	63%

Event	Count	Cumulative percent
Hitting, kicking, beating, shoving	1873	88%
Intentional injury by other person, unspecified	72	91%
Injury by other person-unintentional or intent unknown, n.e.c.	63	94%
Intentional injury by other person, n.e.c.	49	97%
Injury by other person-unintentional or intent unknown, unspecified	30	98%
Multiple violent acts by other person	14	99%
Injury by person-unintentional or intent unknown, n.e.c.	6	99%
Threat, verbal assault	6	99%
Strangulation by other person	5	100%
Stabbing, cutting, slashing, piercing	3	100%

Source	Count	Cumulative percent
Other client or customer	978	46%
Patient	944	90%
Student	91	95%
Person, other than injured or ill worker, unspecified	50	97%
Inmate or detainee in custody	25	98%
Co-worker	24	99%
Person, other than injured or ill worker, n.e.c.	7	100%
Suspect not yet apprehended	3	100%
Mucus or saliva of other than injured or ill person	2	100%
Work associate	1	100%

Secondary source	Count	Cumulative percent
Nonclassifiable	2066	97%
Chairs	11	98%
Patient	6	98%
Doors, except garage and vehicle	3	98%
Shovels	2	98%
Balls, pucks	2	98%
Cart, dolly, hand truck-nonpowered	2	98%
Rocks, crushed stone	2	98%
Beverages, n.e.c.	1	98%
Walls	1	99%

Appendix D Top ten for healthcare workers

Values occurring in both datasets are shaded.

Occupation	Count	Cumulative percent
Nursing Aides, Orderlies, and Attendants	698	19%
Registered Nurses	504	33%
Psychiatric Technicians	489	46%
Personal and Home Care Aides	211	52%
Therapists, All Other	193	57%
Security Guards	178	62%
Healthcare Support Workers, All Other	161	67%
Psychiatric Aides	129	70%
Nonclassifiable	89	73%
Licensed Practical and Licensed Vocational Nurses	80	75%

Employer	Count	Cumulative percent
OHA HS Oregon State Hospital	669	18%
Providence Health And Services Oregon	332	27%
Oregon DHS Developmental Disabilities Services	308	36%
Trillium Family Services Inc	204	42%
Partnerships in Community Living Inc	90	44%
Albertina Kerr Centers	86	46%
Legacy Emanuel Hospital & Health Center	81	49%
Work Unlimited	69	50%
Salem Health	56	52%
Asante	56	54%

Industry	Count	Cumulative percent
General Medical and Surgical Hospitals	850	23%
Residential Intellectual and Developmental Disability Facilities	798	45%
Psychiatric and Substance Abuse Hospitals	730	65%
Residential Mental Health and Substance Abuse Facilities	281	73%
Assisted Living Facilities for the Elderly	164	77%
Nursing Care Facilities (Skilled Nursing Facilities)	155	82%
Other Residential Care Facilities	94	84%
Child and Youth Services	86	87%
Services for the Elderly and Persons with Disabilities	83	89%
Home Health Care Services	68	91%

Business Type	Count	Cumulative percent
Mental/Hosp/Admin	662	18%
Hospital	656	36%
Group Home	353	46%
Residential Care	134	50%
Res/Child/Treatment	125	53%
Medical Cntr	117	56%
See Sic/NAICS	113	59%
Children's Resident	79	61%
Care Facility	78	64%
Mental Health	63	65%

Location	Count	Cumulative percent
Hospital Administration 2600 Center St NE Salem 97301	662	18%
Providence Portland Medical Center 4805 NE Glisan St Ste 2e-06 Portland 97213	127	22%
Children's Farm Home 4455 NE Highway 20 Corvallis 97330	125	25%
St Vincent Med Center: 9205 SW Barnes Rd Portland 97225	117	28%
Perry Center 3415 SE Powell Blvd Portland 97202	79	30%
Main Office 480 Main St E Monmouth 97361	58	32%
3333 Riverbend Dr Springfield 97477	52	33%
1225 NE 2nd Ave Portland 97232	44	35%
Oak Street Group Home 805 E Oak St Lebanon 97355	43	36%
Cade House 871 Cade St NE Keizer 97303	39	37%

Nature of injury	Count	Cumulative percent
Sprains, strains	1346	37%
Bruises, contusions	693	56%
Sprains and bruises	363	66%
Sprains and other injuries, n.e.c.	261	73%
Concussions	203	79%
Multiple - traumatic injury plus illness	143	83%
Multiple traumatic injuries and disorders, n.e.c.	121	86%
Fractures	96	89%
Multiple traumatic injuries to muscles, tendons, ligaments, joints,	53	90%
Multiple - sprains/strains and tears	47	91%

Part injured	Count	Cumulative percent
Multiple body parts, n.e.c.	577	16%
Shoulder(s), including clavicle(s), scapula(e)	258	23%
Lumbar region	251	30%
Knee(s)	220	36%
Brain	218	42%
Head and neck	176	47%
Wrist(s)	162	51%
Neck, except internal location of diseases or disorders	154	55%
Head, unspecified	102	58%
Chest, except internal location of diseases or disorders	97	61%

Event	Count	Cumulative percent
Hitting, kicking, beating, shoving	3017	83%
Injured by physical contact with person while restraining, subduing-	6	83%
Injury by other person-unintentional or intent unknown, n.e.c.	251	90%
Injury by other person-unintentional or intent unknown, unspecified	74	92%
Injury by person-unintentional or intent unknown, n.e.c.	8	92%
Intentional injury by other person, n.e.c.	99	95%
Intentional injury by other person, unspecified	119	98%
Intentional injury by person, unspecified	2	98%
Multiple violent acts by other person	22	99%
Rape, sexual assault	6	99%

Source	Count	Cumulative percent
Patient	1903	52%
Other client or customer	1358	89%
Student	153	94%
Person, other than injured or ill worker, unspecified	91	96%
Co-worker	59	98%
Inmate or detainee in custody	30	99%
Person, other than injured or ill worker, n.e.c.	30	99%
Work associate	6	100%
Suspect not yet apprehended	6	100%
Robber	3	100%

Secondary Source	Count	Cumulative percent
Nonclassifiable	3541	97%
Chairs	15	98%
Doors, except garage and vehicle	10	98%
Patient	8	98%
Wheelchairs-powered	4	98%
Balls, pucks	3	98%
Floor, unspecified	3	98%
Medical and surgical instruments and equipment, n.e.c.	3	98%
Pots, pans, trays	2	98%
Blouses, shirts, dresses, trousers, skirts	2	99%