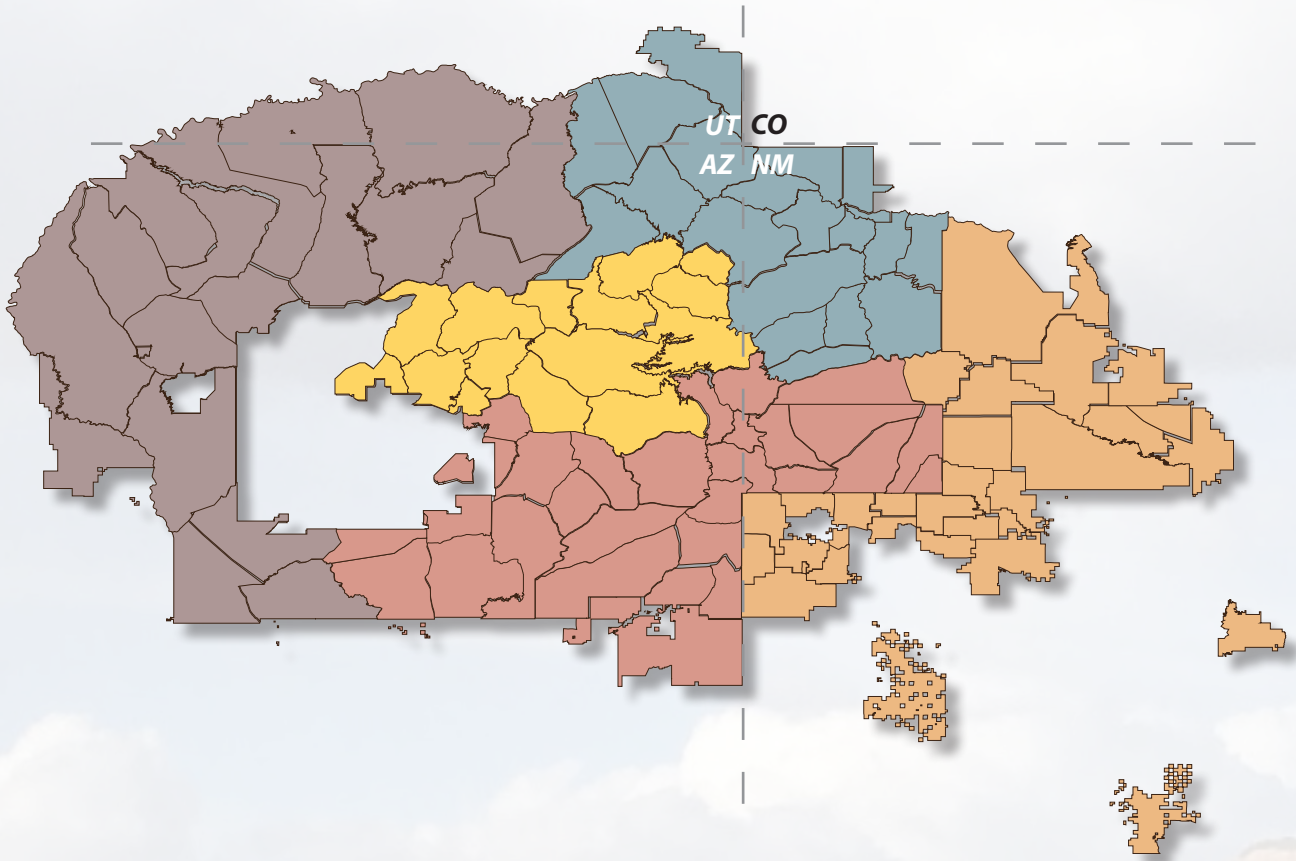




# Navajo Nation Hospitalization & Emergency Room Rates

2019-2021

National Center for Health Statistics 113 Select Causes, COVID-19,  
and other Diseases of Interest to the Navajo Nation



## Acknowledgements

The Navajo Epidemiology Center would not have been able to prepare this report without considerable help from several programs, institutions and individuals. We would like to thank the Indian Health Service Division of Epidemiology & Disease Prevention and John Mosely Hayes (DrPH, MBA, MSPH, Senior Epidemiologist IHS Division of Epidemiology & Disease Prevention) particularly for making the data accessible. We would also like to thank Larry Layne, Biostatistician, with IHS who provided critical training and technical assistance which allowed the NEC to make sense and utilize the data. We would like to thank all the many IHS, 638, private and other health facilities operating on the Navajo Nation for recording all of the patient, clinical, and diagnostic information necessary to create the rates, tables and charts contained in this report.

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## Introduction

Health care facilities operating on the Navajo Nation including Indian Health Service (IHS), 638, and private clinics provide the data in this report. IHS compiles and stores this data in a system called the National Data Warehouse (NDW). IHS then makes this data available to Tribal Epidemiology Centers via the Epi Data Mart (EDM). The EDM consists of a collection of SAS datasets that reside on a server within the IHS and is managed by the Division of Epidemiology and Disease Prevention (DEDP) within the Office of Public Health Support. The EDM consists of the patient registration information and encounter, or health care visit, data. The patient registration information includes name, address, facility where the patient is registered, AI/AN status, tribal affiliation (or not), community of residence, date of birth, gender, etc. The patient encounters information includes things such as diagnostic, procedure, result codes and descriptions, provider notes, type of encounter (i.e. contract, hospital, outpatient, public health nurse, etc.). Facilities send this data to the NDW on a regular schedule with the majority sending monthly.

COVID-19 interrupted the pattern of annual reporting of EDM data. This report contains diagnosis data from the EDM if the patient was treated between January 1, 2019 and December 31, 2021, inclusive. Results are then presented by each unique calendar year (i.e. 2019, 2020, 2021). Clients are included only if they are Native American, Navajo, and have a community residence on the Navajo Nation, including the 3 Navajo satellite communities (Alamo, Ramah, and Tohajiilee), or within a border town<sup>1</sup>. This report only displays counts and rates at the Navajo Nation level and not at the Navajo Agency or Chapter level because of issues with small numbers for rare conditions.

Health conditions are organized according to the International Classification of Diseases (ICD) 10 standards, and according to the National Center of Health Statistics (NCHS) guidelines for 113 selected causes of death ([http://www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58\\_19.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58_19.pdf)). The reader may refer to the appendix for these definitions. This report also includes an additional 12 infectious diseases (including COVID-19 and RSV), three conditions from the Mental & Behavioral Health ICD-10 block, and 20 health conditions from the Injury, poisoning and certain other consequences of external causes block (T codes) which are of interest to the NEC. Important issues such as unintentional poisoning and opioid poisoning can be found within the T codes. U.S. Census data from 2000 and 2010 provide population data for each Navajo Chapter and border town. The author estimated the 2019, 2020, and 2021 Navajo Nation population by calculating the population change between 2000 and 2010 and applying a constant rate of change for each year from 2011-2021. The Navajo and border town populations are then used as the denominator to calculate the rates. It is anticipated that the 2020 Census will be available to calculate rates for the 2022 report. These rates are age adjusted to the 2000 U.S. population.

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<sup>1</sup> Border towns include Aztec (NM), Blanding (UT), Bloomfield (NM), Bluff (UT), Cuba (NM), Farmington (NM), Flagstaff (AZ), Upper Fruitland (NM), Gallup (NM), Grants (NM), Holbrook (AZ), Joseph City (AZ), Kirtland (NM), Monticello (UT), Page (AZ), Waterflow (NM), Winslow (AZ)

The IHS Standard Code Book (SCB) helped to further stratify by the type of health care clinic where the patient was treated. The three primary treatment sites are the Emergency Room, Hospitalization and Urgent Care. A “CLINIC\_CD” variable of “30” indicates an Emergency Room (ER) case, a “CLINIC\_CD” variable of “80” indicates an Urgent Care case and a “SVC\_CAT\_CD” variable coded as “H” indicates a Hospitalization case. Rates and counts are suppressed if there are fewer than 5 cases for a health condition. Note that the rates presented do not indicate unique individuals as a person can be treated multiple times in the course of the year for the same health condition.

Charts 1-3 present all cause visits, all cause Emergency Room, and all cause Hospitalization visits for 2019, 2020, and 2021. Visits related to pregnancy and signs, symptoms and abnormal lab findings were removed, however, because many of these are routine visits or not clearly defined. Age-adjusted rates for all visits and emergency room visits have declined from 2019 to 2021, possibly due to the impact of COVID-19. Hospitalization rates have increased since 2019. Even after removing COVID-19 specific hospitalizations the all cause would still have increased from 2019 to 2020. This may indicate that COVID-19 also contributed to hospitalization for those with co-morbid conditions.

Charts 4-12 present leading causes of hospitalization and emergency room visits for the Navajo Nation including for 2019 through 2021. Rates for the leading causes of hospitalization increased for nearly all causes, but the increase was most pronounced for Pneumonia and Other Respiratory Disease. COVID-19 was among the leading 10 causes of hospitalization during 2020 but not in 2021. External injury hospitalizations were further stratified (Chart 5). Falls, Other Non-transportation, and Other Assault rates all increased since 2019. Similar patterns are seen for females and males. Additionally females experienced an increase in Anemias, and males experienced increases for Diabetes and All Other Heart Disease (Charts 7 & Chart 8).

For each ICD-10 block (grouping of diseases and external causes) charts are provided for emergency room and hospitalization rates for the Navajo Nation alone. Each of these charts display rates for 2019, 2020, and 2021 data. Each block also has tables presenting ER and hospitalization rates from 2018 through 2021. These tables indicate, through arrow symbols, if there has been a statistically significant change across time in rates by health condition. An upward arrow indicates that 2021 is significantly higher (i.e. 95% Confidence Intervals do not overlap) than 2017, a downward arrow indicates that 2021 results are significantly lower than 2017, and a level arrow indicates there is no significant difference between years. Tables are also provided that show rates by Gender for 2019, 2020, and 2021. If there are significant differences by gender that rates are highlighted in red. Rates are provided if health condition counts are greater than or equal to 5. Finally, each ICD-10 block includes a table that displays what percent of visits for each health condition are for hospitalization, emergency room, and urgent care, respectively. In some instances there is overlap between Hospitalization and ER or Urgent Care because someone can receive care in the ER or Urgent Care and then be admitted to the hospital.

There are significant differences in hospitalization rates by gender for some health conditions. All rates provided in parenthesis are age adjusted per 10,000 people. Males had higher hospitalization rates than females for:

- Pneumonitis due to solids and liquids (2019: 4.46 and 1.18), (2021: 6.35 and 2.63)
- Alcohol Poisoning (2019: 7.02 and 2.24), (2021: 2.44 and 0.69)
- Assault, Other (2019: 2.9 and 1.22), (2021: 6.07 and 2.51)
- Motor Vehicle Crash (2019: 3.32 and 1.44)
- Other non-transportation injuries (2019: 7.15 and 3.11), (2020: 8.91 and 3.34)
- Cold Exposure (2019: 1.61 and 0.75), (2020: 1.26 and 0.55)
- Syphilis (2019: 0.8 and 0.38)
- Burns (2020: 2.99 and 1.18), (2021: 2.44 and 1.06)
- Acute Bronchitis (2021: 1.79 and 1.71)
- Viral Hepatitis (2.12 and 0.96)

Females had higher hospitalization rates than males for:

- Chlamydia (2019: 1.44 and 0.55), (2020: 1.77 and 0.37)
- Infection of Kidney (2019: 12.01 and 3.02), (2020: 12.24 and 1.65), (2021: 11.72 and 3.16)
- Gonorrhea (2020: 2.0 and 0.97)
- Dementia (2020: 9.78 and 4.51)
- Syphilis (2021: 4.51 and 2.14)

The health conditions and injury types with the largest gender differences for ER visits are mentioned here (where one gender's age adjusted rate was 2 or more times higher than the other). Only health conditions that were higher in 2019, 2020, and 2021 are mentioned here for 2019, 2020 and 2021 respectively. Males had significantly higher rates than females for

- Legal Intervention (8.0 and 1.3, 5.7 and 0.8, 8.2 and 1.7),
- Alcohol Poisoning (11.4 and 2.9, 4.6 and 1.2, 7.2 and 1.9)
- Cold Exposure (13.4 and 4.4, 11.9 and 2.7, 8.8 and 3.3)
- Other Land Transportation (58.0 and 19.2, 43.5 and 13.7, 42.6 and 15.5)

Females have higher ER rates than males for

- Infections of kidney (58.0 and 8.5, 45.1 and 7.1, 49.8 and 6.4),
- Sexual Abuse (7.4 and 0.7, 4.3 and 0.7, 4.6 and 1.0)

For some health conditions not enough data were available to make comparisons by gender.

The purpose of the report is to further describe which diseases, health conditions, and types of injury are contributing to the morbidity burden of the Navajo Nation. This data can be used by programs, projects, departments, divisions, and organizations to understand where resources can and should be allocated. Some differences in rates may be due to random variation, but this report can begin to establish patterns. The conditions with the most significant changes (based on percent increase as well as absolute change in rate) for ER visit and Hospitalizations from 2017 to 2021 are bulleted below:

### ER Visits

- Syphilis: 766% increase, 9.09/10,000 absolute change
- Certain intestinal infections: 196% increase, 13.64/10,000 absolute change
- Influenza: 183% increase, 117.73/10,000 absolute change (This is a comparison between 2017 and 2020 due to unstable results in the 2021 data set)
- Other Chronic Liver Disease & Cirrhosis: 214% increase, 6.49/10,000 absolute change
- Septicemia: 45% increase, 10.53/10,000 absolute change

### Hospitalizations

- Certain intestinal infections: 277% increase, 6.43/10,000 absolute change
- Syphilis: 359% increase, 2.62/10,000 absolute change
- Other Respiratory Disease: 49% increase, 24.81/10,000 absolute change
- Gonococcal Infection: 368% increase, 1.73/10,000 absolute change
- Symptoms, signs and abnormal laboratory findings: 28% increase, 74.16/10,000 absolute change

## All Cause Rates

Chart 1 All Cause All Visit Rates, by year (excluding O & R Codes)

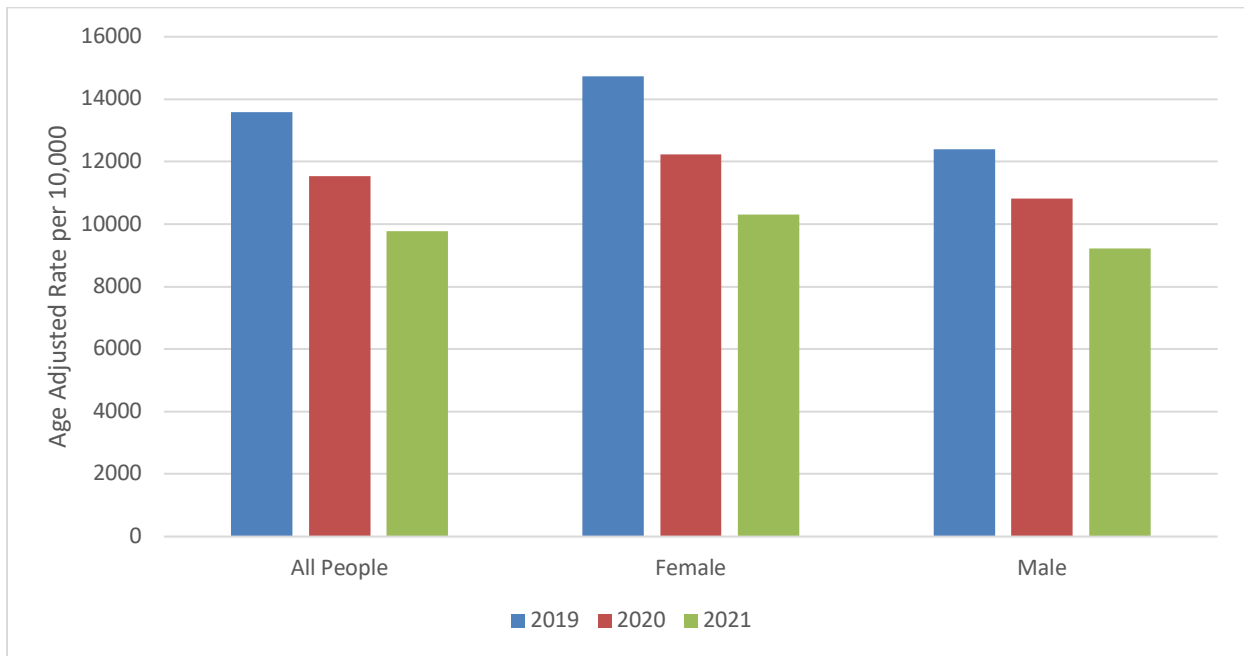


Chart 2 All Cause Emergency Room Visit Rates, by year (excluding O & R Codes)

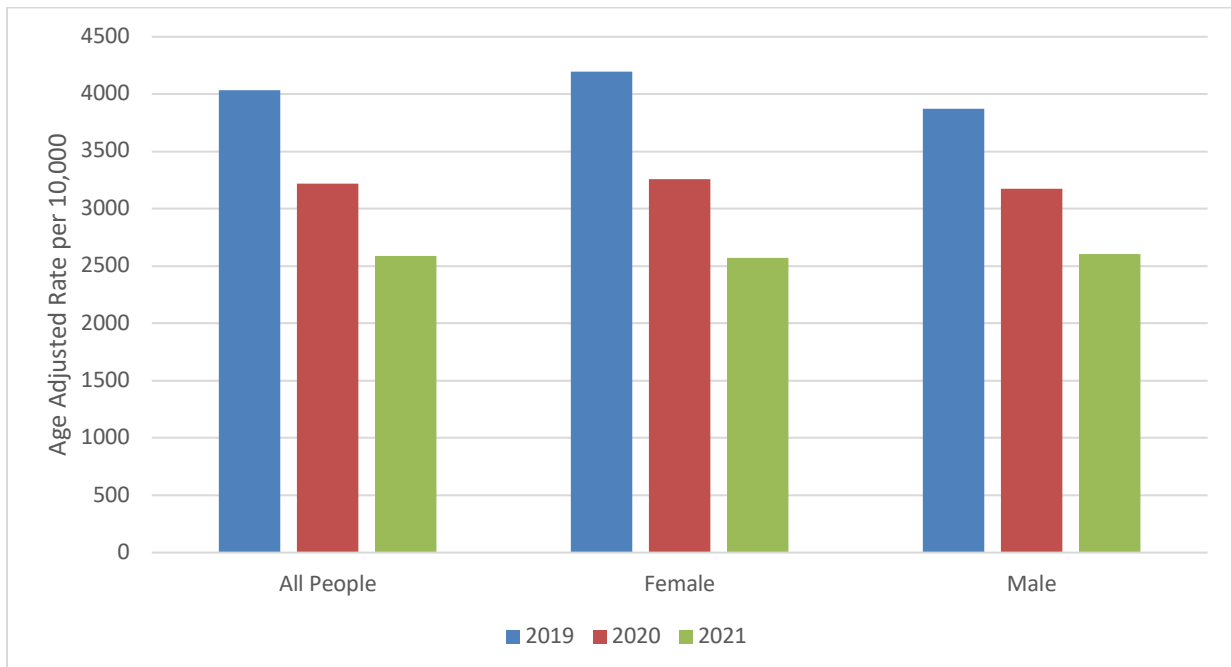
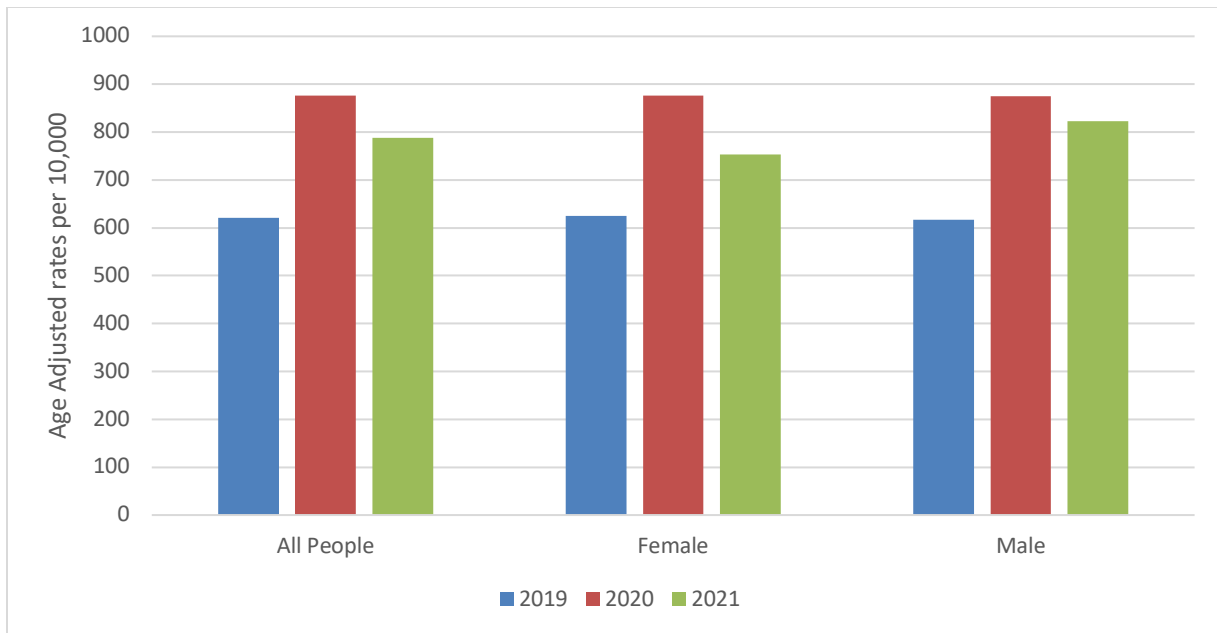


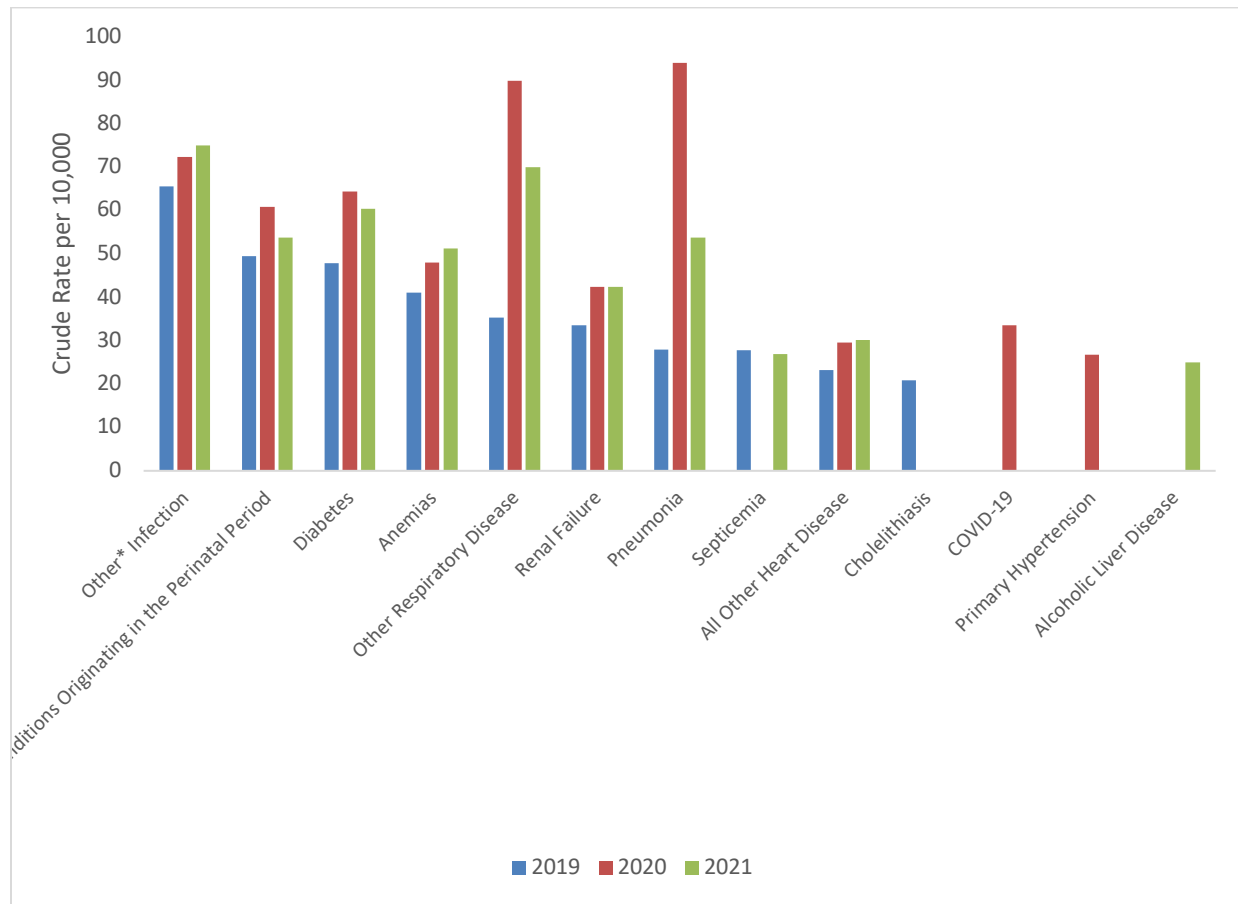


Chart 3 All Cause Hospitalization Rates, by year (excluding O &amp; R Codes)



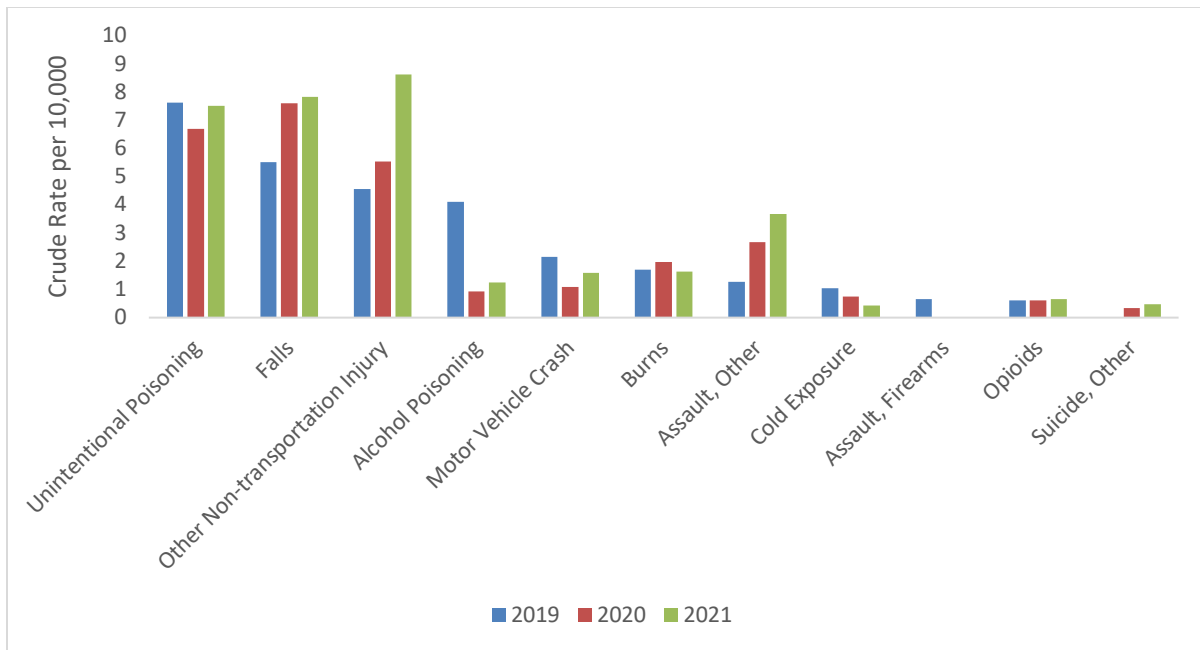
## Leading Causes of Hospitalization

Chart 4 Leading Causes of Hospitalization on the Navajo Nation, Both Genders



\*For a list of the most common “Other” infections see appendix

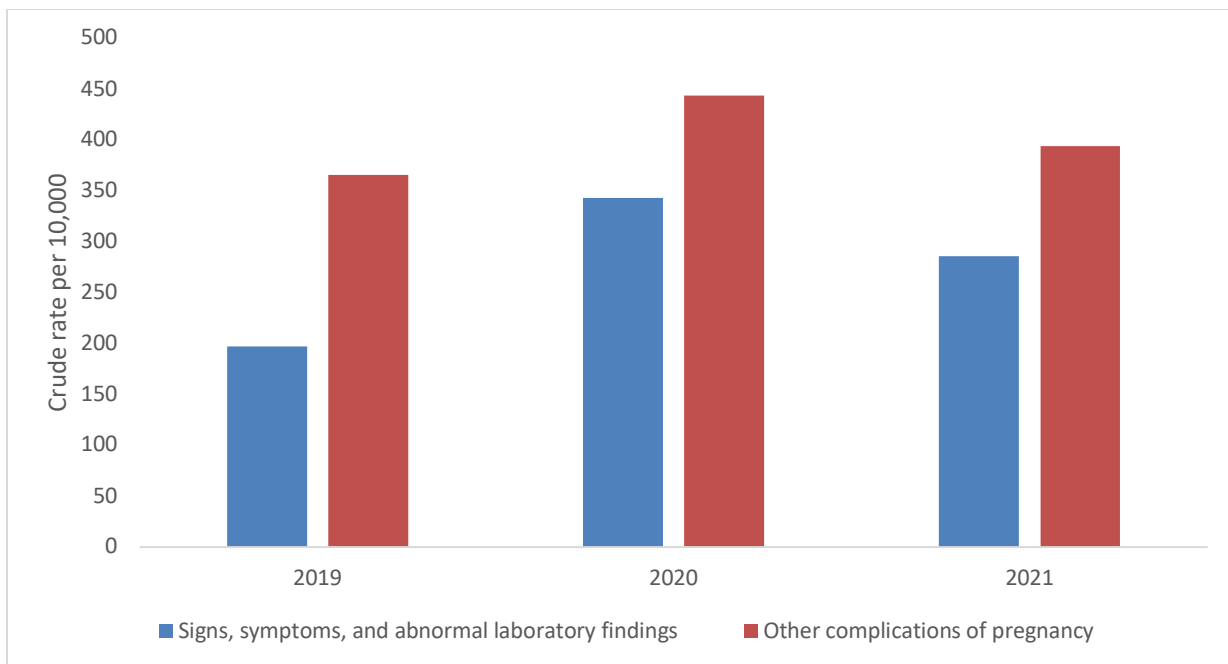
Chart 5 Leading Causes of Hospitalization both Genders, External Injuries 2019-2021



Assault, Other: non-firearm related Assaults

Unintentional Poisoning, Alcohol Poisoning, Burns, and Opioids were calculated using T-Codes.

Chart 6 Pregnancy & Signs/Symptoms and Laboratory Findings



Other Pregnancy: Other complications of pregnancy, childbirth and the puerperium (i.e. not related to “Pregnancy with abortive outcome”)

Chart 7 Ten Leading Causes of Hospitalization, Females 2019-2021

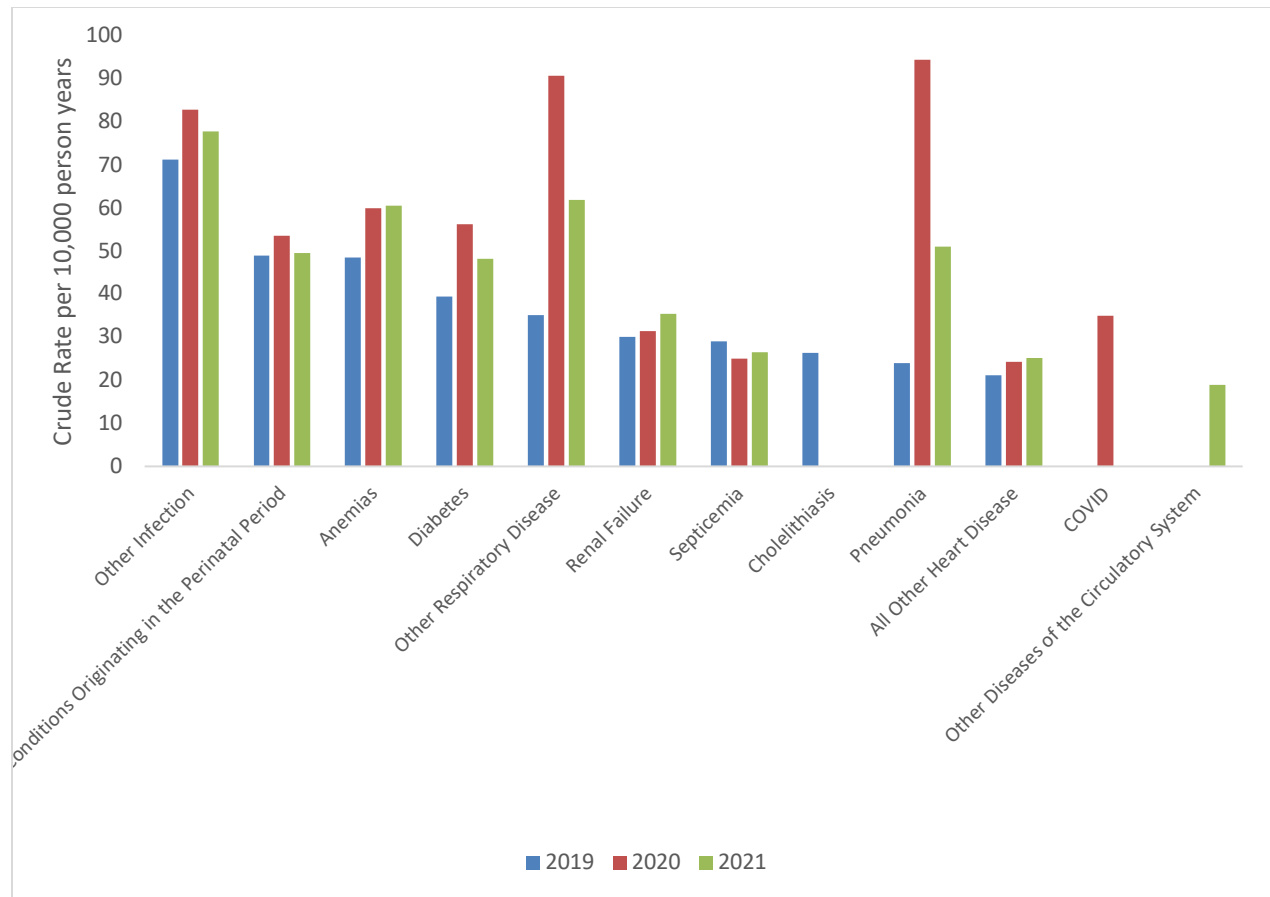


Chart 8 Ten Leading Causes of Hospitalization, Males 2019-2021

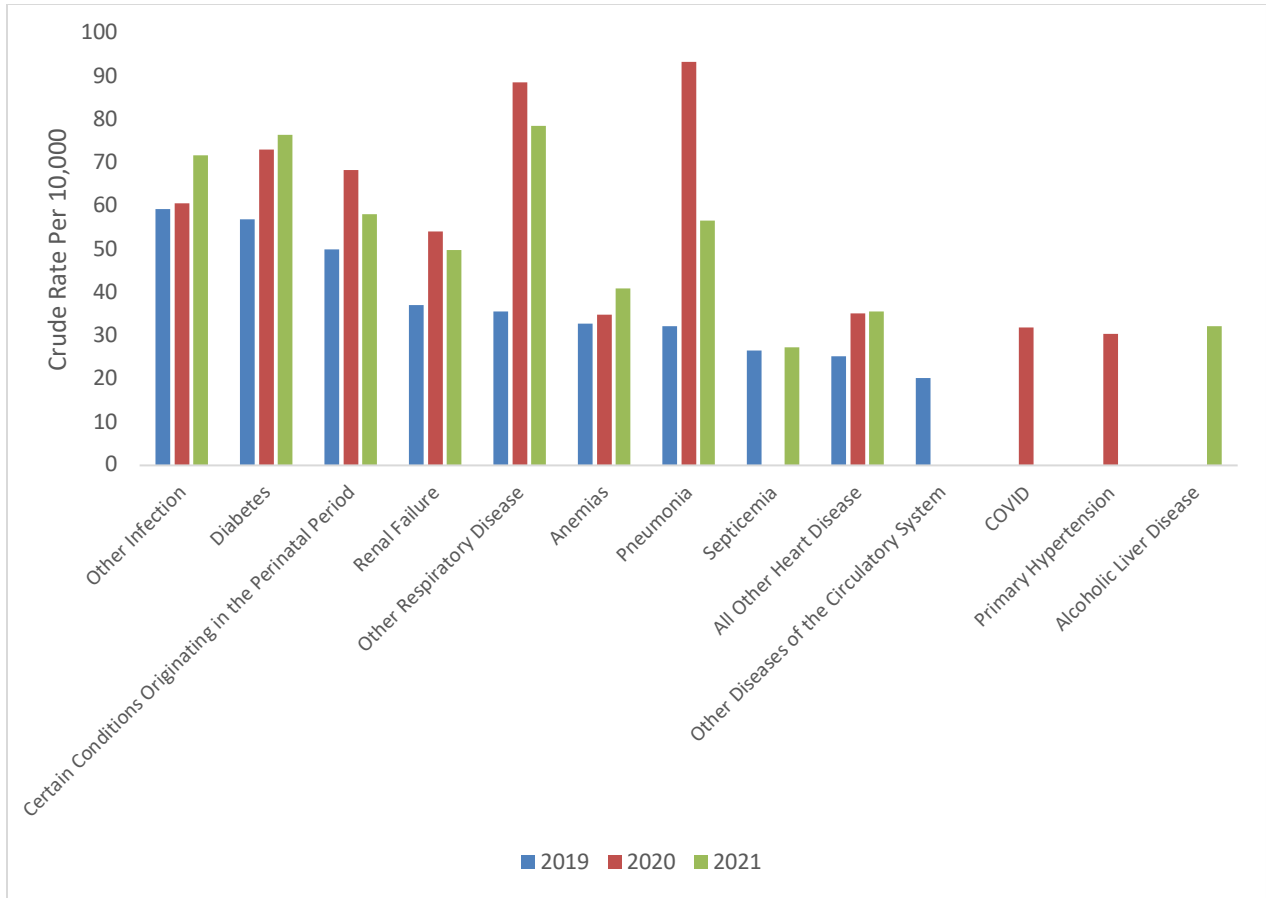
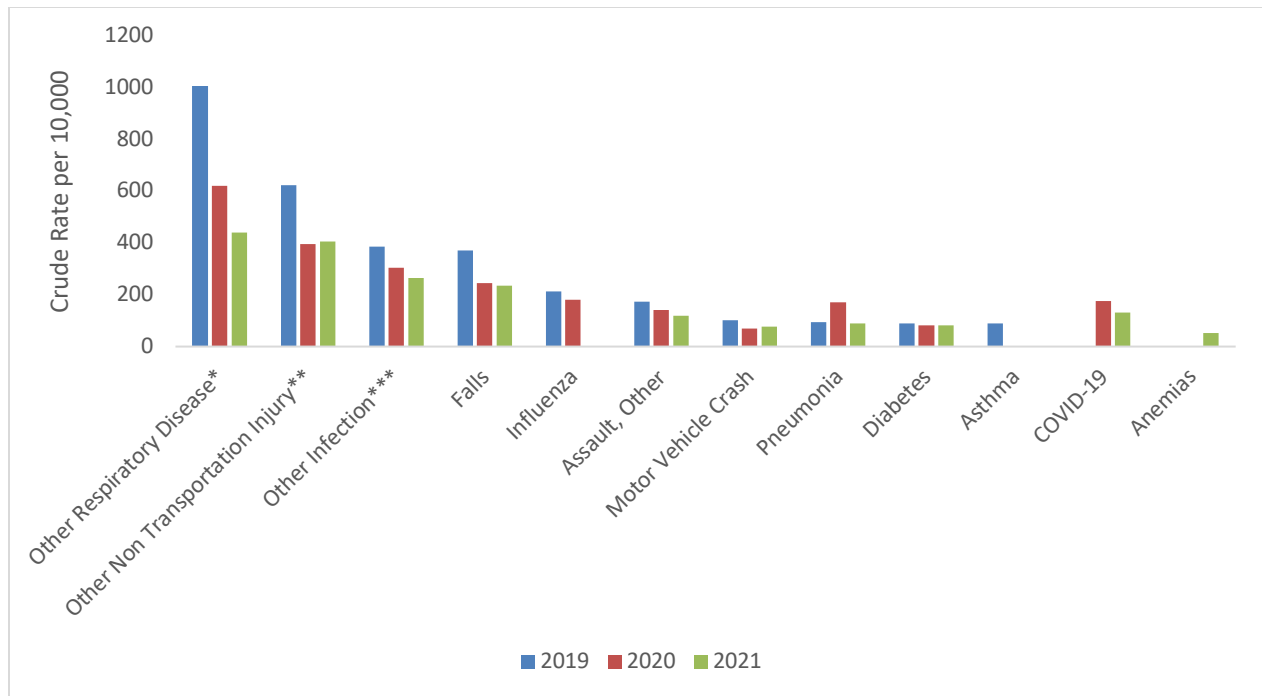


Chart 9 Ten Leading Causes of Emergency Room Visit



\*A list of leading “Other Respiratory Disease” can be found in the appendix

\*\*A list of leading “Other Non-transportation injury” can be found in the appendix

\*\*\*A list of leading “Other infection” can be found in the appendix

Chart 10 Ten Leading Causes of External Injury ER Visits, both Genders

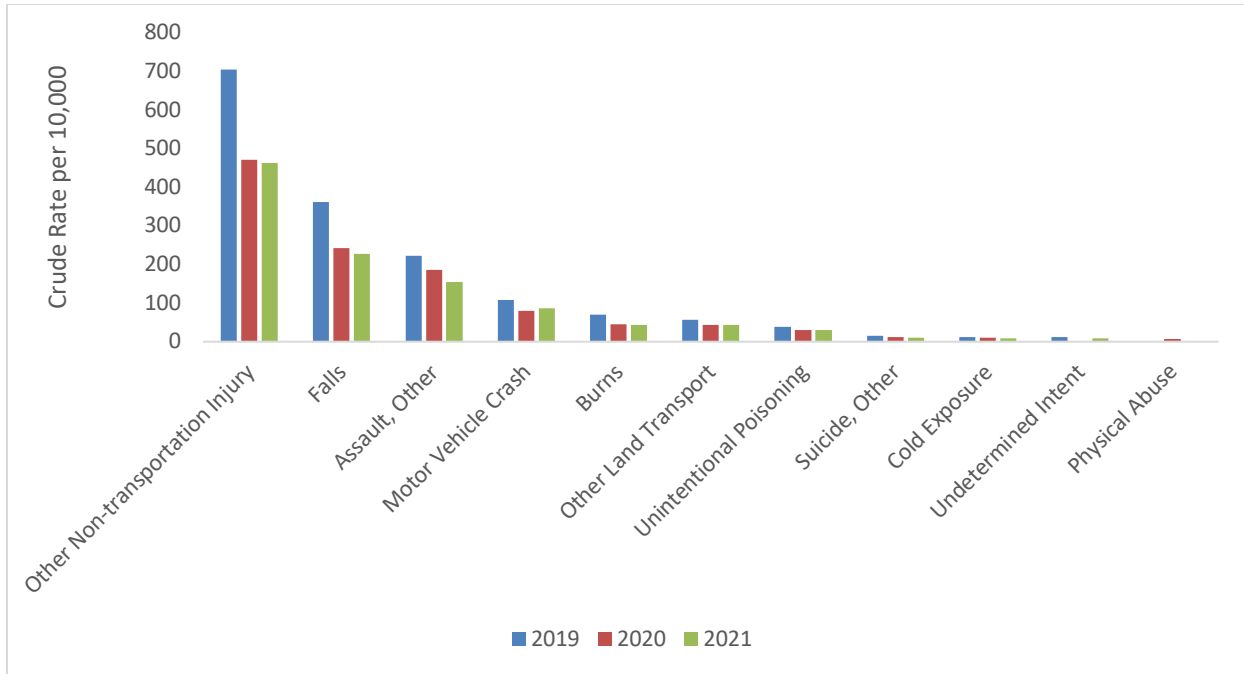


Chart 11 Ten Leading Causes of ER Visit, Females

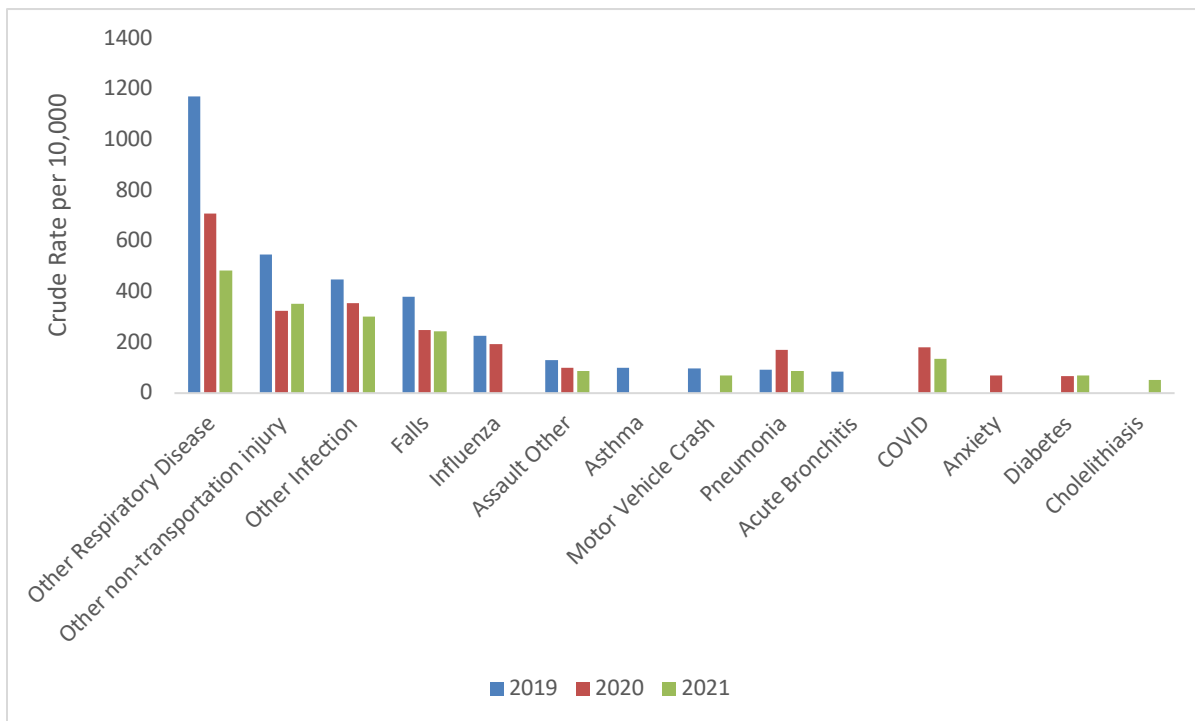
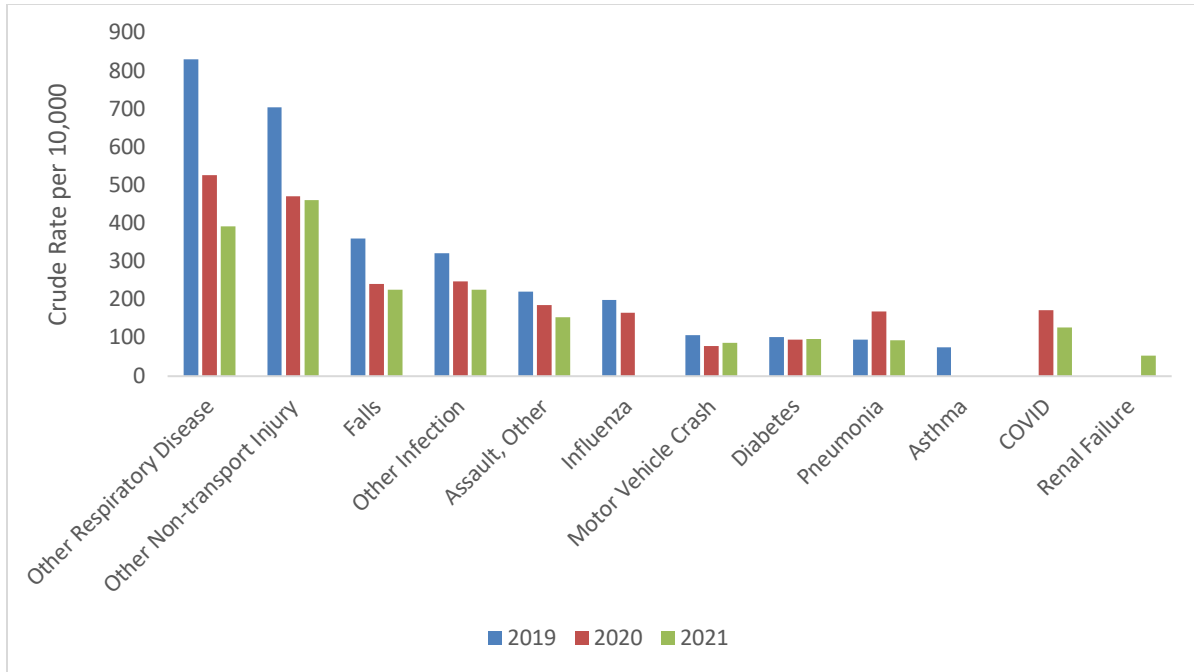


Chart 12 Ten Leading Causes of ER Visits, Males





## Certain infectious and parasitic diseases

Chart 13 Leading causes of Infectious Disease Emergency Room (ER) visits on the Navajo Nation, Both Genders

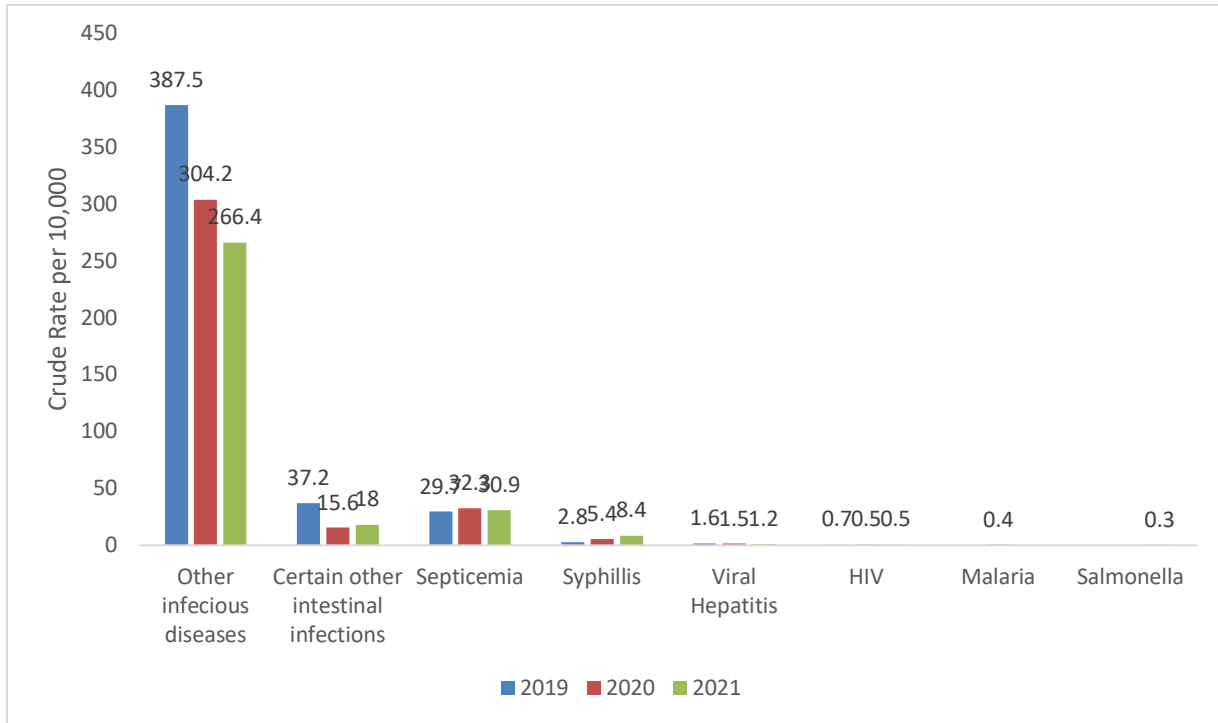


Chart 14 Leading causes of Infectious Disease Hospitalization on the Navajo Nation, Both Genders

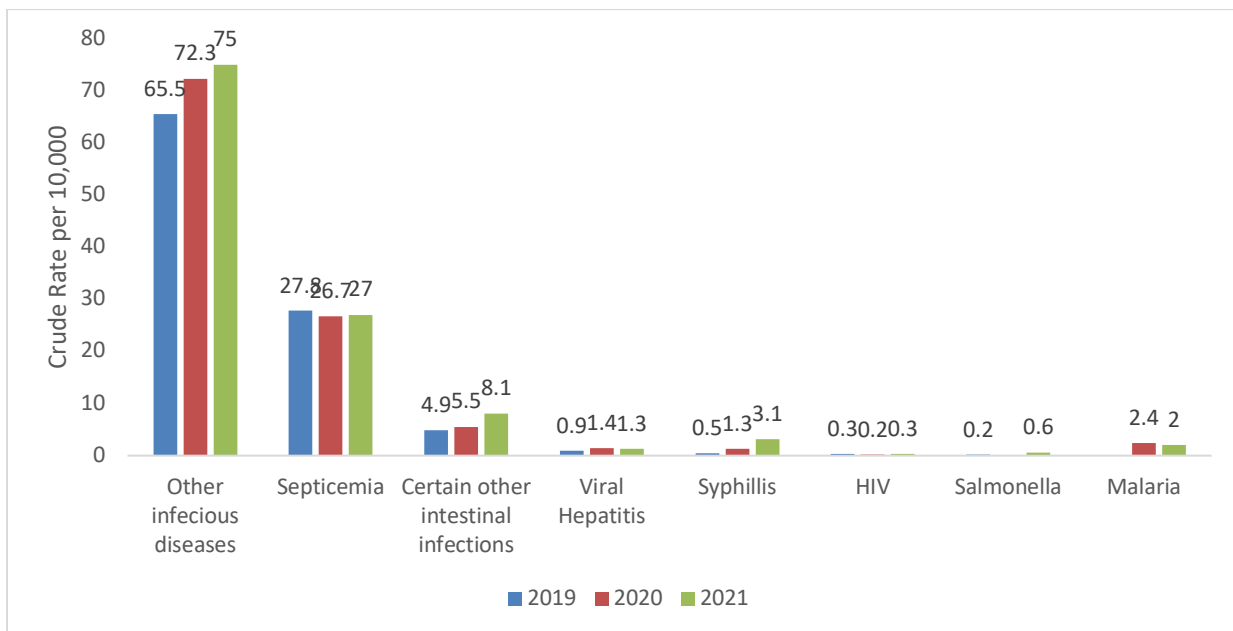


Table 1 Age Adjusted ER Visit Rates, both Genders

Condition	2018	2019	2020	2021	Movement
Salmonella	NA	NA	NA	0.27	NA
Shigellosis	NA	NA	NA	NA	NA
Certain other intestinal infections	34.78 (32.13, 47.44)	37.85	15.96	18.25	↓
Respiratory Tuberculosis	NA	0	0	0	NA
Other Tuberculosis	NA	0	0	0	NA
Pertussis	NA	0	0	0	NA
Scarlet Fever	NA	0	0	0	NA
Meningococcal Infection	0	0	NA	0	↔
Septicemia	34.31 (31.58, 37.05)	32.74	35.33	33.78	↔
Syphilis	1.71 (1.10, 2.31)	3.24	6.05	9.61	↑
Polio	NA	0	0	0	NA
Arthropod Borne Viral Encephalitis	NA	0	0	0	NA
Measles	NA	NA	NA	0	NA
Viral Hepatitis	2.96 (2.13, 3.79)	1.77	1.60	1.39	↓
HIV	1.14 (0.64, 1.63)	0.70	0.62	0.57	↔
Malaria	NA	0	0.41	0	NA
All Other	414.0 (404.9, 423.1)	389.5	315.3	272.5	↓

Table 2 Age Adjusted ER Visit Rates, by Gender

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Salmonella	0	NA	NA	0	NA	NA
Shigellosis	NA	0	NA	0	NA	0
Certain other intestinal infections	42.38	33.13	19.67	12.09	18.70	17.77
Respiratory Tuberculosis	0	0	0	0	0	0
Other Tuberculosis	0	0	0	0	0	0
Pertussis	0	0	0	0	0	0
Scarlet Fever	0	0	0	0	0	0
Meningococcal Infection	0	0	0	NA	0	0
Septicemia	32.24	33.27	35.28	35.39	34.18	33.36
Syphilis	2.28	4.25	4.39	7.77	8.00	11.27
Polio	0	0	0	0	0	0

Table Continued on Next Page

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>Arthropod Borne Viral Encephalitis</b>	0	0	0	0	0	0
<b>Measles</b>	NA	0	NA	0	0	0
<b>Viral Hepatitis</b>	1.36	2.19	1.48	1.73	0.97	1.82
<b>HIV</b>	NA	1.35	0	1.27	NA	0.87
<b>Malaria</b>	0	0	0.45	0.39	0	0
<b>All Other</b>	454.1	322.2	372.8	255.6	312.0	231.4

Table 3 Age Adjusted Hospitalization Rates, both Genders

Condition	2018	2019	2020	2021	Movement
<b>Salmonella</b>	0.69 (0.29, 1.09)	0.24	NA	0.51	↔
<b>Shigellosis</b>	NA	0	0	NA	NA
<b>Certain other intestinal infections</b>	6.81 (5.59, 8.03)	5.20	6.03	8.75	↔
<b>Respiratory Tuberculosis</b>	NA	0	0	0	NA
<b>Other Tuberculosis</b>	NA	0	0	0	NA
<b>Pertussis</b>	NA	0	0	0	NA
<b>Scarlet Fever</b>	NA	0	0	0	NA
<b>Meningococcal Infection</b>	NA	0	0	0	NA
<b>Septicemia</b>	37.06 (34.20, 39.91)	30.80	29.02	29.17	↓
<b>Syphilis</b>	0.62 (0.25, 0.99)	0.59	1.47	3.35	↑
<b>Polio</b>	NA	0	0	0	NA
<b>Arthropod Borne Viral Encephalitis</b>	NA	0	0	0	NA
<b>Measles</b>	NA	0	0	0	NA
<b>Viral Hepatitis</b>	1.68 (1.08, 2.28)	1.14	1.47	1.53	↔
<b>HIV</b>	0.57 (0.23, 0.92)	0.36	0.26	0.30	↔
<b>Malaria</b>	NA	0	2.46	2.05	NA
<b>All Other</b>	91.44 (86.92, 96.96)	71.71	78.56	81.24	↓

Table 4 Age Adjusted Hospitalization Rates, by Gender

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Salmonella	NA	NA	NA	NA	0.64	0.38
Shigellosis	0	0	0	0	0	NA
Certain other intestinal infections	6.16	4.21	7.60	4.40	9.15	8.34
Respiratory Tuberculosis	0	0	0	0	0	0
Other Tuberculosis	0	0	0	0	0	0
Pertussis	0	0	0	0	0	0
Scarlet Fever	0	0	0	0	0	0
Meningococcal Infection	0	0	0	0	0	0
Septicemia	33.14	28.35	28.31	29.76	29.36	28.97
Syphilis	0.38	0.80	1.58	1.36	4.51	2.14
Polio	0	0	0	0	0	0
Arthropod Borne Viral Encephalitis	0	0	0	0	0	0
Measles	0	0	0	0	0	0
Viral Hepatitis	0.94	1.34	1.43	1.50	0.96	2.12
HIV	NA	0.49	NA	NA	NA	0.62
Malaria	NA	0	2.16	2.78	2.05	2.06
All Other	79.86	63.23	92.87	63.66	86.65	75.61

Table 5 Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Infectious Disease 2019

Disease	Hospitalization	ER	Urgent Care
Certain Intestinal Infections (N=2624)	3.9%	30.0%	3.1%
HIV (N=69)	8.7%	20.3%	5.8%
Malaria (N=11)	9.1%	0%	9.1%
Measles (N=5)	0%	40.0%	0%
Meningitis (N=0)	NA	NA	NA
Other Infection (N=33,850)	4.1%	24.3%	5.7%
Polio (N=1)	0%	0%	0%
Salmonella (N=56)	8.9%	1.8%	5.4%
Septicemia (N=1,834)	32.2%	34.3%	1.9%
Shigellosis (N=7)	0%	14.3%	14.3%
Syphilis (N=456)	2.4%	13.2%	3.5%
Viral Hepatitis (N=293)	6.8%	11.3%	1.4%

Table 6 Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Infectious Disease 2020

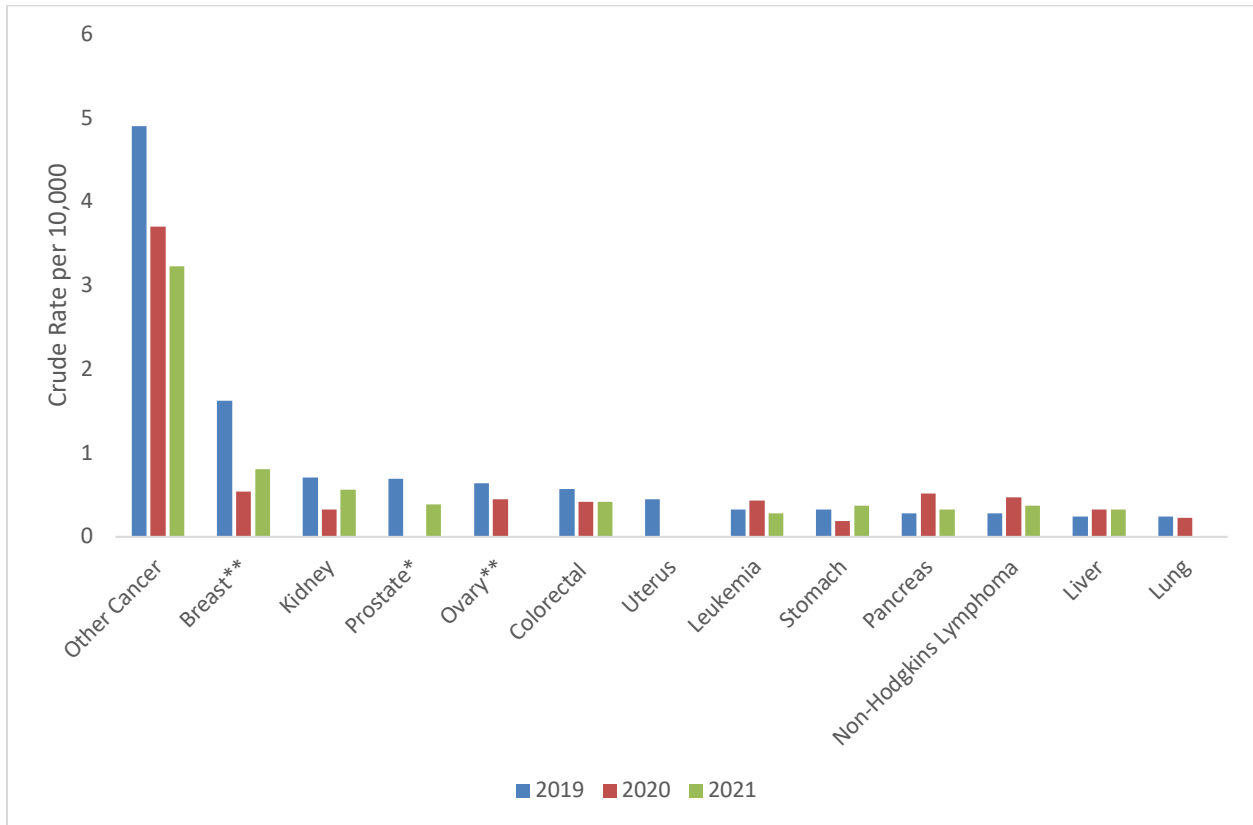
<b>Disease</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Certain Intestinal Infections (N=1,388)</b>	8.5%	23.9%	2.8%
<b>HIV (N=62)</b>	8.1%	17.7%	6.5%
<b>Malaria (N=55)</b>	90.9%	16.4%	0%
<b>Measles (N=1)</b>			
<b>Meningitis (N=4)</b>			
<b>Other Infection (N=26,416)</b>	5.8%	24.5%	4.7%
<b>Polio (N=3)</b>			
<b>Salmonella (N=15)</b>	13.3%	13.3%	6.7%
<b>Septicemia (N=2,042)</b>	27.8%	33.7%	1.5%
<b>Shigellosis (N=8)</b>	0%	12.5%	0%
<b>Syphilis (N=620)</b>	4.4%	18.5%	3.4%
<b>Viral Hepatitis (N=206)</b>	14.1%	15.0%	3.4%

Table 7 Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Infectious Disease 2021

<b>Disease</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Certain Intestinal Infections (N=1,667)</b>	10.4%	23.0%	2.2%
<b>HIV (N=59)</b>	10.2%	16.9%	3.4%
<b>Malaria (N=52)</b>	82.7%	0%	0%
<b>Measles (N=1)</b>			
<b>Meningitis (N=0)</b>			
<b>Other Infection (N=22,778)</b>	7.0%	25.0%	3.8%
<b>Polio (N=3)</b>			
<b>Salmonella (N=41)</b>	29.3%	14.6%	0%
<b>Septicemia (N=1,763)</b>	32.7%	37.5%	1.2%
<b>Shigellosis (N=3)</b>			
<b>Syphilis (N=867)</b>	7.6%	20.6%	4.5%
<b>Viral Hepatitis (N=183)</b>	14.8%	14.2%	2.2%

## Neoplasms

Chart 15 Leading Neoplasm Site ER Visits, Both Genders



\*Only males were included in the calculation of this rate

\*\*Only females were included in the calculation of this rate

Chart 16 Neoplasm Hospitalizations

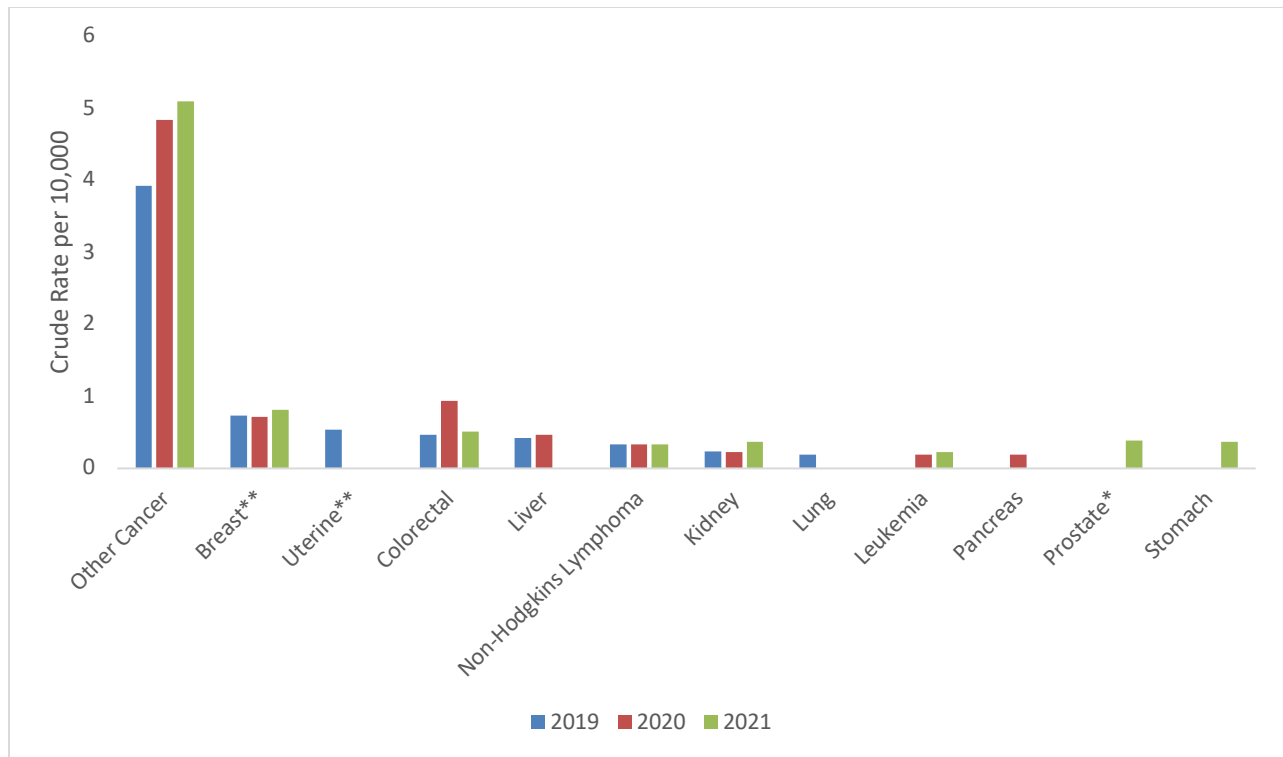


Table 8 Neoplasm ER Visits, Both Genders

Cancer Site	2018	2019	2020	2021	Movement
Lip, Oral & Pharynx	NA	0	0	0	NA
Esophagus	NA	NA	NA	NA	NA
Stomach	0.46 (0.14, 0.78)	0.35	0.22	0.34	↔
Colorectal	0.77 (0.36, 1.17)	0.57	0.47	0.49	↔
Liver	0.78 (0.38, 1.18)	0.27	0.38	0.35	↔
Pancreas	0.44 (0.15, 0.73)	0.34	0.56	0.35	↔
Larynx	NA	0	0	0	NA
Lung	0.58 (0.23, 0.92)	0.21	0.26	NA	NA
Melanoma	NA	NA	0	0	NA
Breast*	1.82 (0.97, 2.67)	1.80	0.57	0.89	↔
Cervical*	NA	0	0	NA	NA
Uterine*	NA	0.50	NA	NA	
Ovary*	NA	0.65	0.54	NA	NA
Prostate**	1.87 (0.98, 2.77)	0.64	NA	0.38	↓

<b>Cancer Site</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Kidney</b>	1.21 (0.68, 1.73)	0.77	0.36	0.50	↔
<b>Bladder</b>	NA	0	0	0	NA
<b>Brain</b>	NA	NA	NA	0	NA
<b>Hodgkin's</b>	NA	NA	NA	0	NA
<b>Non-Hodgkin's</b>	0.27 (0.03, 0.51)	0.32	0.48	0.38	↔
<b>Multiple Myeloma</b>	NA	0	0	0	
<b>Leukemia</b>	0.60 (0.26, 0.95)	0.33	0.48	0.33	↔
<b>Lymphoid</b>	NA	NA	0	0	
<b>Other</b>	6.12 (4.99, 7.25)	5.41	4.21	3.54	↓

\*Female only

\*\*Male only

Table 9 Neoplasm ER Visits, by Gender

<b>Cancer Site</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	Female	Male	Female	Male	Female	Male
<b>Lip, Oral &amp; Pharynx</b>	0	0	0	0	0	0
<b>Esophagus</b>	0	NA	NA	NA	0	NA
<b>Stomach</b>	NA	0.38	NA	NA	0	0.70
<b>Colorectal</b>	NA	1.05	0.58	NA	0.42	0.56
<b>Liver</b>	NA	NA	NA	0.41	0.59	NA
<b>Pancreas</b>	NA	0.70	NA	0.89	NA	0.45
<b>Larynx</b>	0	0	0	0	0	0
<b>Lung</b>	0.30	NA	NA	NA	NA	NA
<b>Melanoma</b>	NA	NA	0	0	0	0
<b>Breast*</b>	1.80		0.57		0.89	
<b>Cervical*</b>	0		0		NA	
<b>Uterine*</b>	0.5		NA		NA	
<b>Ovary*</b>	0.65		0.54		NA	
<b>Prostate**</b>		0.64		NA		0.38
<b>Kidney</b>	0	1.16	NA	0.5	0	1.02
<b>Bladder</b>	0	0	0	0	0	0
<b>Brain</b>	0	NA	0	NA	0	0
<b>Hodgkin's</b>	0	NA	0	NA	0	0
<b>Non-Hodgkin's</b>	0.42	NA	NA	0.77	NA	NA
<b>Multiple Myeloma</b>	0	0	0	0	0	0
<b>Leukemia</b>	0.35	NA	NA	0.78	NA	NA
<b>Lymphoid</b>	NA	NA	0	0	0	0
<b>Other</b>	5.03	5.79	5.53	2.83	4.89	2.14



Table 10 Neoplasm Hospitalization, Both Genders

<b>Cancer Site</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Lip, Oral &amp; Pharynx</b>	NA	0	0	0	NA
<b>Esophagus</b>	NA	NA	0	0	NA
<b>Stomach</b>	0.50 (0.17, 0.82)	NA	NA	0.38	↔
<b>Colorectal</b>	0.90 (0.37, 1.34)	0.45	0.98	0.51	↔
<b>Liver</b>	0.34 (0.07, 0.61)	0.50	0.51	NA	NA
<b>Pancreas</b>	NA	0	0.22	NA	NA
<b>Larynx</b>	NA	0	0	0	↔
<b>Lung</b>	0.34 (0.07, 0.61)	0.23	NA	NA	NA
<b>Melanoma</b>	NA	0	0	NA	↔
<b>Breast*</b>	1.67 (0.78, 2.55)	0.83	0.91	0.89	↔
<b>Cervical*</b>	NA	NA	0	NA	↔
<b>Uterine*</b>	NA	0.67	NA	NA	NA
<b>Ovary*</b>	0.78 (0.19, 1.36)	0	NA	NA	NA
<b>Prostate**</b>	0.91 (0.28, 1.54)	NA	NA	0.38	↔
<b>Kidney</b>	0.61 (0.25, 0.98)	0.26	0.23	0.36	↔
<b>Bladder</b>	NA	NA	0	NA	NA
<b>Brain</b>	NA	NA	NA	NA	NA
<b>Hodgkin's</b>	NA	NA	0	0	↔
<b>Non-Hodgkin's</b>	0.29 (0.03, 0.54)	0.36	0.35	0.35	↔
<b>Multiple Myeloma</b>	NA	0	0		
<b>Leukemia</b>	0.38 (0.09, 0.66)	NA	0.22	0.22	↔
<b>Lymphoid</b>	NA	NA	0	0	NA
<b>Other</b>	6.13 (4.98, 7.28)	4.19	5.22	5.30	↔

Table 11 Neoplasm Hospitalization, by Gender

<b>Cancer Site</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	Female	Male	Female	Male	Female	Male
<b>Lip, Oral &amp; Pharynx</b>	0	0	0	0	0	0
<b>Esophagus</b>	NA	0	0	0	0	0
<b>Stomach</b>	NA	NA	0	NA	NA	0.69
<b>Colorectal</b>	0.53	0.37	1.23	0.72	NA	0.65
<b>Liver</b>	0.60	0.38	0.54	0.48	NA	NA
<b>Pancreas</b>	0	0	NA	NA	NA	0

Cancer Site	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Larynx	0	0	0	0	0	0
Lung	NA	NA	NA	NA	0	NA
Melanoma	0	0	0	0	0	NA
Breast*	0.83		0.91		0.89	
Cervical*	NA		0		NA	
Uterine*	0.67		NA		NA	
Ovary*	0		NA		NA	
Prostate**		NA		NA		0.38
Kidney	0	0.53	NA	0.33	0	0.73
Bladder	0	NA	0	0	0	NA
Brain	0	NA	0	NA	0	NA
Hodgkin's	NA	0	0	0	0	0
Non-Hodgkin's	NA	0.41	NA	NA	0.48	0
Multiple Myeloma	0	0	0	0	0	0
Leukemia	0	NA	NA	NA	NA	NA
Lymphoid	0	NA	0	0	0	0
Other	5.13	3.20	6.87	3.49	6.01	4.56

Table 12 Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Neoplasm 2019

Cancer Site	Hospitalization	ER	Urgent Care
<b>Lip, Oral &amp; Pharynx (N=0)</b>			
Esophagus (N=11)	9.1%	9.1%	0%
Stomach (N=81)	2.5%	8.6%	1.2%
Colorectal (N=297)	3.4%	4.0%	1.7%
Liver (N=86)	10.5%	5.8%	3.5%
Pancreas (N=49)	0%	12.2%	4.1%
<b>Larynx (N=3)</b>			
Lung (N=50)	8.0%	10.0%	0%
Melanoma (N=20)	0%	15.0%	0%
Breast* (N=446)	1.8%	4.0%	1.1%
Cervical* (N=30)	3.3%	0%	3.3%
Uterine* (N=66)	9.1%	7.6%	1.5%
Ovary* (N=55)	0%	12.7%	1.8%
Prostate** (N=89)	3.4%	7.9%	2.2%
Kidney (N=139)	3.6%	10.8%	1.4%
Bladder (N=21)	4.8%	0%	9.5%
Brain (N=9)	11.1%	11.1%	0%
Hodgkin's (N=16)	6.3%	12.5%	0%
Non-Hodgkin's (N=143)	4.9%	4.2%	0.7%
<b>Multiple Myeloma (N=0)</b>			
Leukemia (N=83)	2.4%	8.4%	3.6%
Lymphoid (N=10)	10.0%	30.0%	0%
Other (N=1,172)	7.1%	8.9%	1.7%

Table 13 Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Neoplasm 2020

<b>Cancer Site</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Lip, Oral &amp; Pharynx (N=0)</b>			
<b>Esophagus (N=13)</b>	0%	15.4%	0%
<b>Stomach (N=50)</b>	2.0%	8.0%	0%
<b>Colorectal (N=242)</b>	8.3%	3.7%	0%
<b>Liver (N=73)</b>	13.7%	9.6%	1.4%
<b>Pancreas (N=61)</b>	6.6%	18.0%	1.6%
<b>Larynx (N=0)</b>			
<b>Lung (N=52)</b>	5.8%	9.6%	0%
<b>Melanoma (N=9)</b>	0%	0%	0%
<b>Breast* (N=319)</b>	2.5%	1.9%	0.3%
<b>Cervical* (N=12)</b>	0%	0%	0%
<b>Uterine* (N=54)</b>	5.6%	1.9%	1.9%
<b>Ovary* (N=49)</b>	4.1%	10.2%	0%
<b>Prostate** (N=73)</b>	4.1%	1.4%	5.5%
<b>Kidney (N=121)</b>	4.1%	5.8%	1.7%
<b>Bladder (N=18)</b>	0%	0%	0%
<b>Brain (N=33)</b>	6.1%	3.0%	0%
<b>Hodgkin's (N=4)</b>			
<b>Non-Hodgkin's (N=122)</b>	5.7%	8.2%	1.6%
<b>Multiple Myeloma (N=0)</b>			
<b>Leukemia (N=59)</b>	6.8%	15.3%	1.7%
<b>Lymphoid (N=6)</b>	0%	0%	0%
<b>Other (N=514)</b>	20.0%	15.4%	2.1%

Table 14 Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Neoplasm 2021

<b>Cancer Site</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Lip, Oral &amp; Pharynx (N=0)</b>			
<b>Esophagus (N=15)</b>	0%	6.7%	0%
<b>Stomach (N=67)</b>	11.9%	11.9%	0%
<b>Colorectal (N=238)</b>	4.6%	3.8%	0.4%
<b>Liver (N=49)</b>	4.1%	14.3%	2.0%
<b>Pancreas (N=45)</b>	8.9%	15.6%	0%
<b>Larynx (N=0)</b>			
<b>Lung (N=47)</b>	2.1%	6.4%	0%
<b>Melanoma (N=16)</b>	12.5%	0%	6.3%
<b>Breast* (N=310)</b>	2.9%	2.9%	0.6%
<b>Cervical* (N=18)</b>	11.1%	5.6%	0%
<b>Uterine* (N=75)</b>	5.3%	2.7%	0%
<b>Ovary* (N=38)</b>	7.9%	2.6%	0%
<b>Prostate** (N=77)</b>	5.2%	5.2%	0%
<b>Kidney (N=134)</b>	6.0%	9.0%	1.5%
<b>Bladder (N=6)</b>	16.7%	0%	0%
<b>Brain (N=17)</b>	5.9%	0%	11.8%
<b>Hodgkin's (N=3)</b>			
<b>Non-Hodgkin's (N=109)</b>	6.4%	7.3%	0%
<b>Multiple Myeloma (N=0)</b>			
<b>Leukemia (N=58)</b>	8.6%	10.3%	5.2%
<b>Lymphoid (N=3)</b>			
<b>Other (N=834)</b>	13.1%	8.3%	1.2%

## Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism

Chart 17 Diseases of the blood and blood forming organs ER Visits, Both Genders

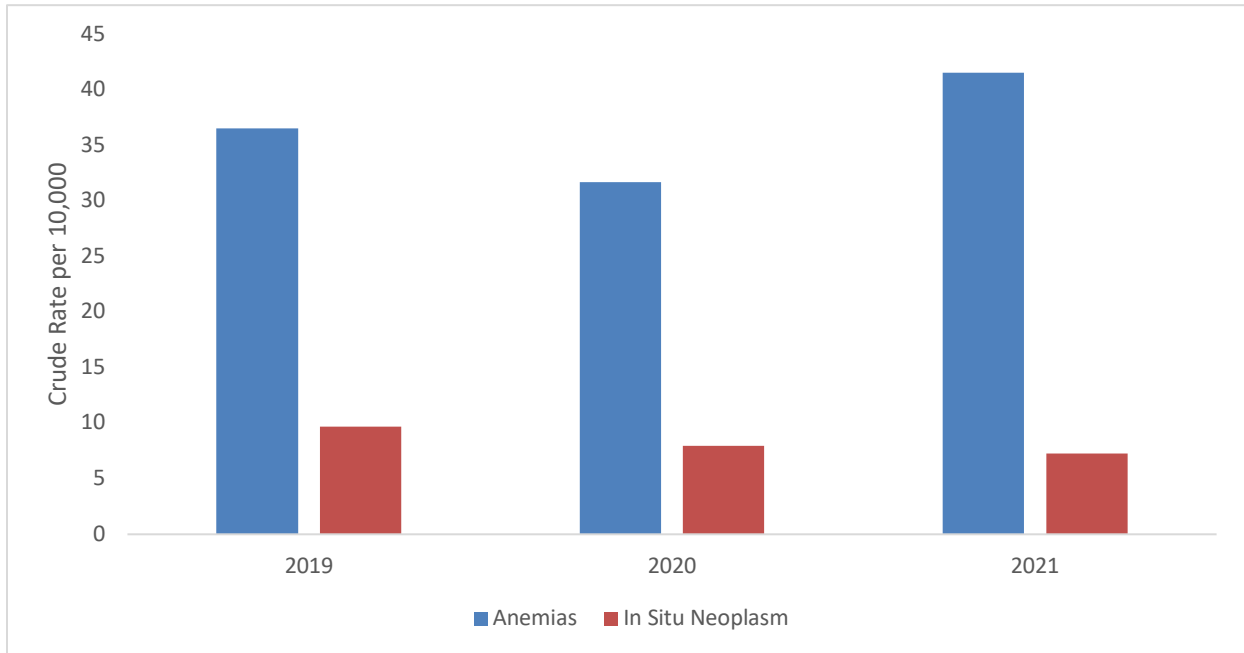


Chart 18 Diseases of the blood and blood forming organs Hospitalization, Both Genders

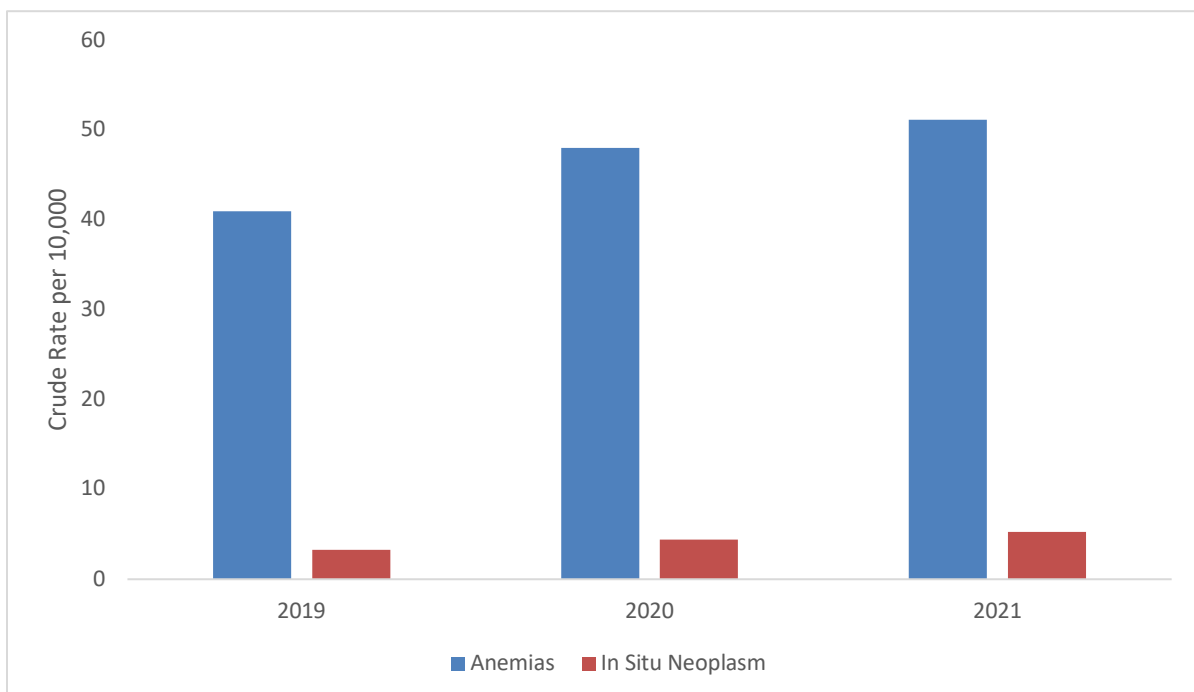


Table 15 Diseases of the blood and blood forming organs and certain disorders involving the immune system ER Visits, Both Genders

Condition	2018	2019	2020	2021	Movement
<b>In Situ Neoplasm</b>	8.76 (7.39, 10.13)	10.69	8.99	8.04	↔
<b>Anemias</b>	62.06 (58.35, 65.76)	40.49	35.31	46.76	↓

Table 16 Diseases of the blood and blood forming organs and certain disorders involving the immune system ER Visits, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>In Situ Neoplasm</b>	13.46	7.81	12.07	5.59	9.67	6.34
<b>Anemias</b>	48.87	31.77	40.86	29.53	51.52	41.79

Table 17 Diseases of the blood and blood forming organs and certain disorders involving the immune system Hospitalizations, Both Genders

Condition	2018	2019	2020	2021	Movement
<b>In Situ Neoplasm</b>	5.85 (4.72, 6.98)	3.59	4.81	5.68	↔
<b>Anemias</b>	67.50 (63.63, 71.38)	44.82	53.36	55.88	↓

Table 18 Diseases of the blood and blood forming organs and certain disorders involving the immune system Hospitalizations, By Gender

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>In Situ Neoplasm</b>	4.21	2.95	4.68	4.94	6.74	4.58
<b>Anemias</b>	54.85	34.38	67.05	37.07	68.06	43.21

Table 19 Diseases of the blood and blood forming organs and certain disorders involving the immune system Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Neoplasm 2019

Condition	Hospitalization	ER	Urgent Care
<b>In Situ Neoplasm (N=6,201)</b>	1.1%	3.3%	1.3%
<b>Anemias (N=7,820)</b>	11.1%	9.9%	1.8%

Table 20 Diseases of the blood and blood forming organs and certain disorders involving the immune system Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Neoplasm 2020

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>In Situ Neoplasm (N=3,393)</b>	2.8%	5.0%	1.9%
<b>Anemias (N=6,369)</b>	16.0%	10.6%	3.4%

Table 21 Diseases of the blood and blood forming organs and certain disorders involving the immune system Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Neoplasm 2021

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>In Situ Neoplasm (N=3,393)</b>	2.5%	3.5%	0.9%
<b>Anemias (N=6,369)</b>	16.4%	13.3%	1.9%

## Endocrine, nutritional and metabolic diseases

Chart 19 Endocrine, nutritional and metabolic diseases ER Visits, Both Genders

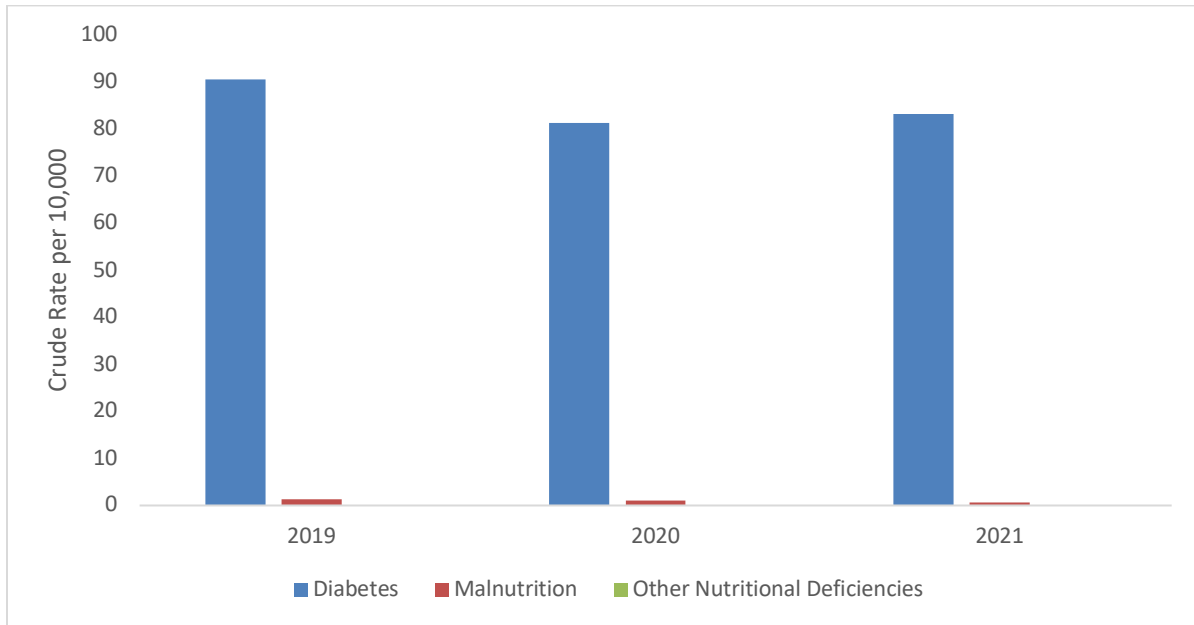


Chart 20 Endocrine, nutritional and metabolic diseases Hospitalization, Both Genders

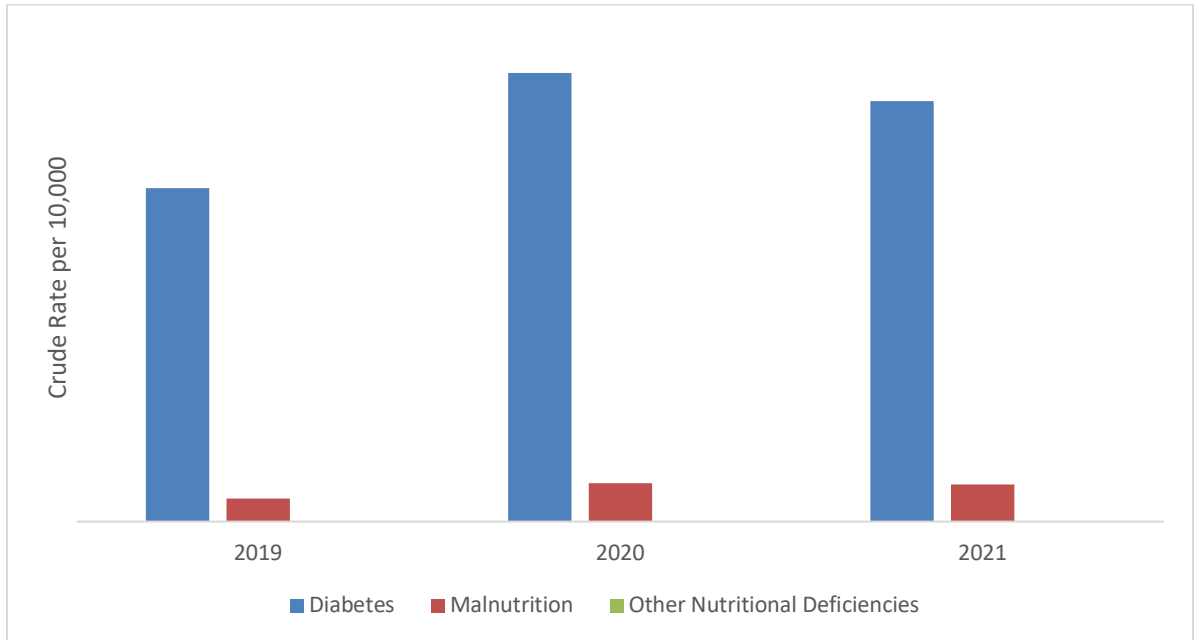




Table 22 Endocrine, nutritional and metabolic diseases ER Visits, Both Genders

Condition	2018	2019	2020	2021	Movement
Diabetes	174.9 (168.7, 181.0)	100.4	89.74	90.99	↓
Malnutrition	1.28 (0.74, 1.83)	1.44	1.16	0.69	↔
Other Nutritional Deficiencies	0	0	0	0	↔

Table 23 Endocrine, nutritional and metabolic diseases ER Visits, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Diabetes	88.43	112.8	75.61	104.4	77.83	104.7
Malnutrition	1.57	1.30	1.14	1.19	0.69	0.68
Other Nutritional Deficiencies	0	0	0	0	0	0

Table 24 Endocrine, nutritional and metabolic diseases Hospitalization, Both Genders

Condition	2018	2019	2020	2021	Movement
Diabetes	95.94 (91.34, 100.5)	52.48	69.95	65.92	↓
Malnutrition	5.63 (4.50, 6.76)	3.85	6.03	5.84	↔
Other Nutritional Deficiencies	0	0	0	0	↔

Table 25 Endocrine, nutritional and metabolic diseases Hospitalization, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Diabetes	44.19	61.10	62.57	77.63	53.76	78.57
Malnutrition	3.83	3.88	6.28	5.77	5.40	6.30
Other Nutritional Deficiencies	0	0	0	0	0	0

Table 26 Endocrine, nutritional and metabolic diseases Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Condition	Hospitalization	ER	Urgent Care
Diabetes (N=20,014)	5.1%	9.6%	2.7%
Malnutrition (N=361)	19.4%	7.5%	2.2%
Other Nutritional Deficiencies (N=0)			

Table 27 Endocrine, nutritional and metabolic diseases Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Diabetes (N=15,748)</b>	8.7%	11.0%	3.6%
<b>Malnutrition (N=373)</b>	31.4%	6.2%	0.5%
<b>Other Nutritional Deficiencies (N=0)</b>			

Table 28 Endocrine, nutritional and metabolic diseases Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) for Neoplasm 2021

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Diabetes (N=17,522)</b>	7.4%	10.1%	2.2%
<b>Malnutrition (N=315)</b>	36.2%	4.4%	1.0%
<b>Other Nutritional Deficiencies (N=0)</b>			

## Mental and behavioral disorders

This block is not part of the NCHS 113 but is of interest to the Navajo Nation.

Chart 21 Mental & Behavioral Disorder ER Visit Rates

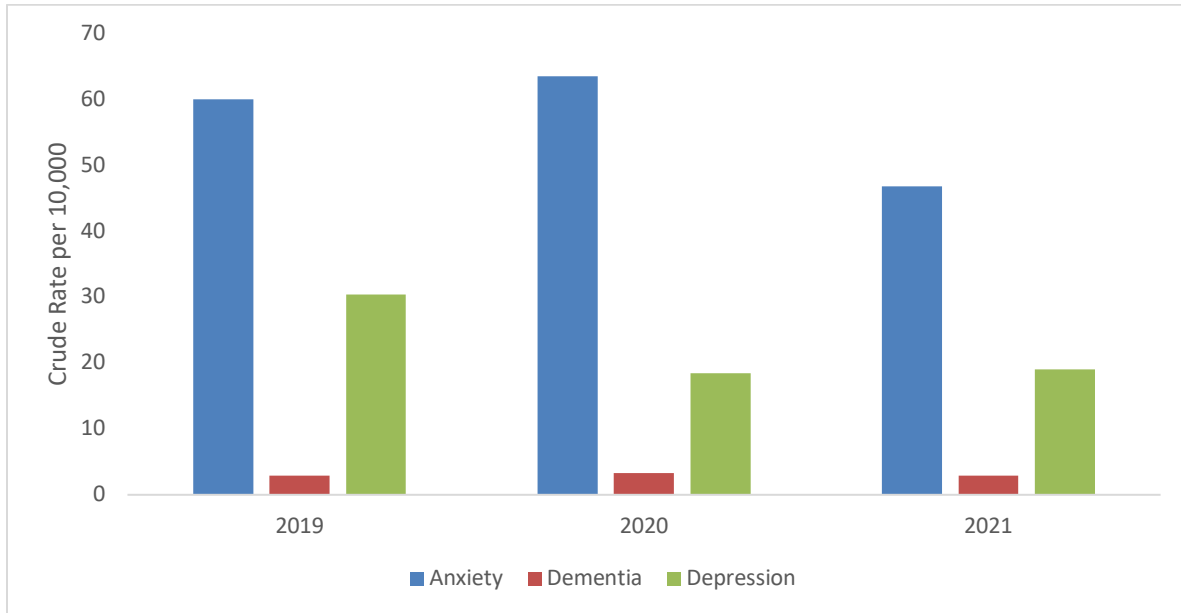


Chart 22 Mental & Behavioral Disorder Hospitalization Rates

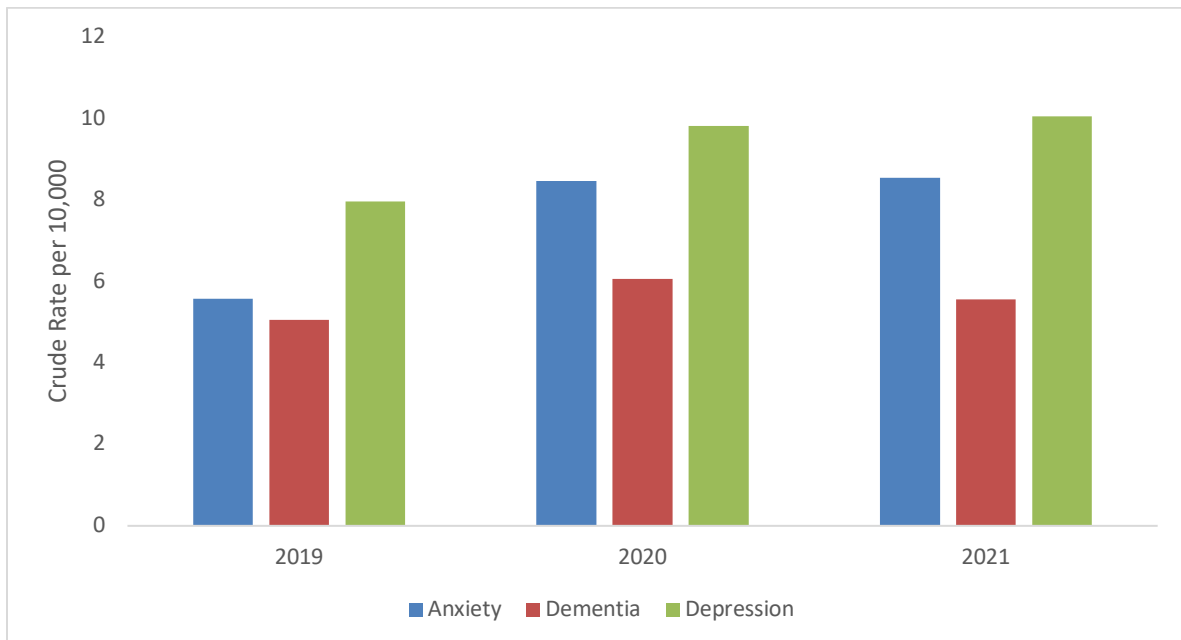


Table 29 Mental &amp; Behavioral Disorder ER Visit Rates

Condition	2018	2019	2020	2021	Movement
Anxiety	NA	64.81	63.55	50.87	↓
Dementia	5.95 (4.75, 7.15)	3.37	3.78	3.20	↓
Depression	NA	31.15	19.53	19.73	↓

Table 30 Mental &amp; Behavioral Disorder ER Visit Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Anxiety	73.21	56.07	76.87	61.45	53.83	47.80
Dementia	3.39	3.35	4.23	3.30	3.80	2.58
Depression	29.8	32.55	16.82	22.35	18.73	20.77

Table 31 Mental &amp; Behavioral Disorder Hospitalization Rates

Condition	2018	2019	2020	2021	Movement
Anxiety	NA	6.17	9.37	9.54	↑
Dementia	12.35 (10.64, 14.06)	5.91	7.20	6.28	↓
Depression	NA	8.81	10.85	10.90	↔

Table 32 Mental &amp; Behavioral Disorder Hospitalization Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Anxiety	5.88	6.48	11.43	7.22	10.61	8.42
Dementia	6.88	4.89	9.78	4.51	7.08	5.45
Depression	8.46	9.18	12.34	9.30	11.88	9.87

Table 33 Mental &amp; Behavioral Disorder Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Condition	Hospitalization	ER	Urgent Care
Anxiety (N=5733)	2.1%	22.2%	3.3%
Dementia (N=707)	15.1%	8.6%	2.0%
Depression (N=7398)	2.3%	8.7%	1.2%

Table 34 Mental & Behavioral Disorder Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Anxiety (N=5864)</b>	3.1%	23.1%	4.3%
<b>Dementia (N=605)</b>	21.3%	11.6%	2.5%
<b>Depression (N=5,217)</b>	4.0%	7.5%	1.3%

Table 35 Mental & Behavioral Disorder Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Anxiety (N=5127)</b>	3.6%	19.6%	3.1%
<b>Dementia (N=625)</b>	19.0%	9.9%	1.4%
<b>Depression (N=7311)</b>	2.9%	5.6%	0.8%

## Diseases of the nervous system

Chart 23 Diseases of the Nervous System ER Visits, Both Genders

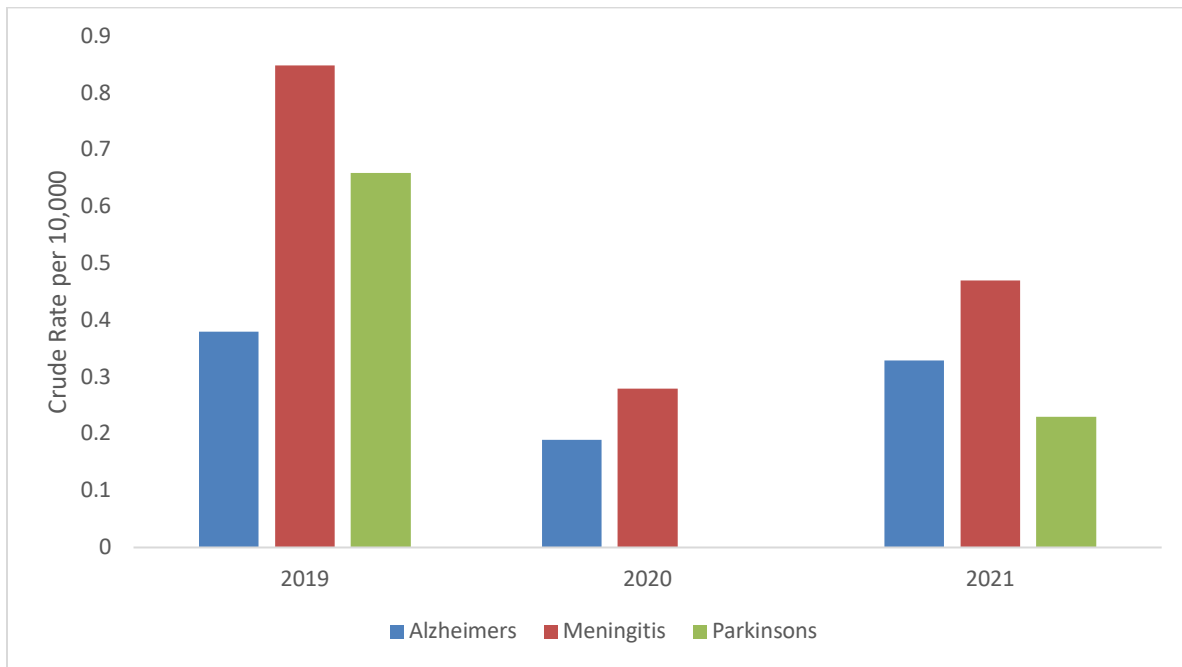


Chart 24 Diseases of the Nervous System Hospitalization, Both Genders

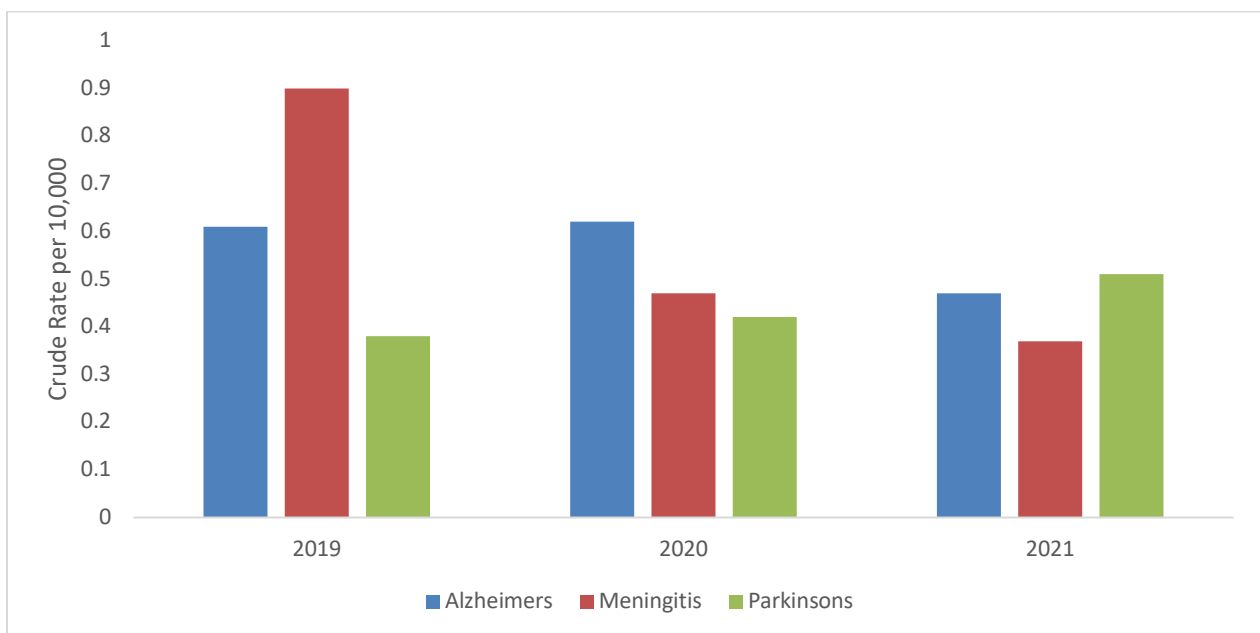


Table 36 Diseases of the Nervous System ER Visit Rates

Condition	2018	2019	2020	2021	Movement
Alzheimer's	0.58 (0.20, 0.96)	0.43	0.19	0.39	↔
Meningitis	0.46 (0.13, 0.79)	0.94	0.29	0.52	↔
Parkinson's	1.22 (0.69, 1.74)	0.68	NA	0.24	↓

Table 37 Mental &amp; Behavioral Disorder ER Visit Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Alzheimer's	NA	0.62	NA	0.38	0.67	NA
Meningitis	0.85	1.03	NA	0.46	0.63	NA
Parkinson's	0.75	0.61	NA	NA	NA	0.38

Table 38 Diseases of the Nervous System Hospitalization Rates

Condition	2018	2019	2020	2021	Movement
Alzheimer's	1.49 (0.88, 2.10)	0.71	0.75	0.55	↔
Meningitis	0.88 (0.47, 1.30)	0.92	0.45	0.40	↔
Parkinson's	0.86 (0.42, 1.30)	0.38	0.43	0.54	↔

Table 39 Diseases of the Nervous System Hospitalization Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Alzheimer's	0.70	0.72	1.27	NA	0.80	NA
Meningitis	0.89	0.95	0.54	0.36	NA	0.52
Parkinson's	NA	0.69	0.56	NA	0.53	0.55

Table 40 Diseases of the Nervous System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Condition	Hospitalization	ER	Urgent Care
Alzheimer's (N=96)	13.5%	8.3%	3.1%
Meningitis (N=59)	32.2%	30.5%	0%
Parkinson's (N=152)	5.3%	9.2%	2.6%

Table 41 Diseases of the Nervous System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Alzheimer's (N=70)</b>	18.6%	5.7%	1.4%
<b>Meningitis (N=35)</b>	28.6%	17.1%	0%
<b>Parkinson's (N=93)</b>	9.7%	2.2%	2.2%

Table 42 Diseases of the Nervous System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2021

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Alzheimer's (N=71)</b>	14.1%	9.9%	1.4%
<b>Meningitis (N=30)</b>	26.7%	33.3%	0%
<b>Parkinson's (N=106)</b>	10.4%	4.7%	0.9%



## Diseases of the circulatory system

Chart 25 Diseases of the Circulatory System: Leading 5 causes of ER Visit, Both Genders

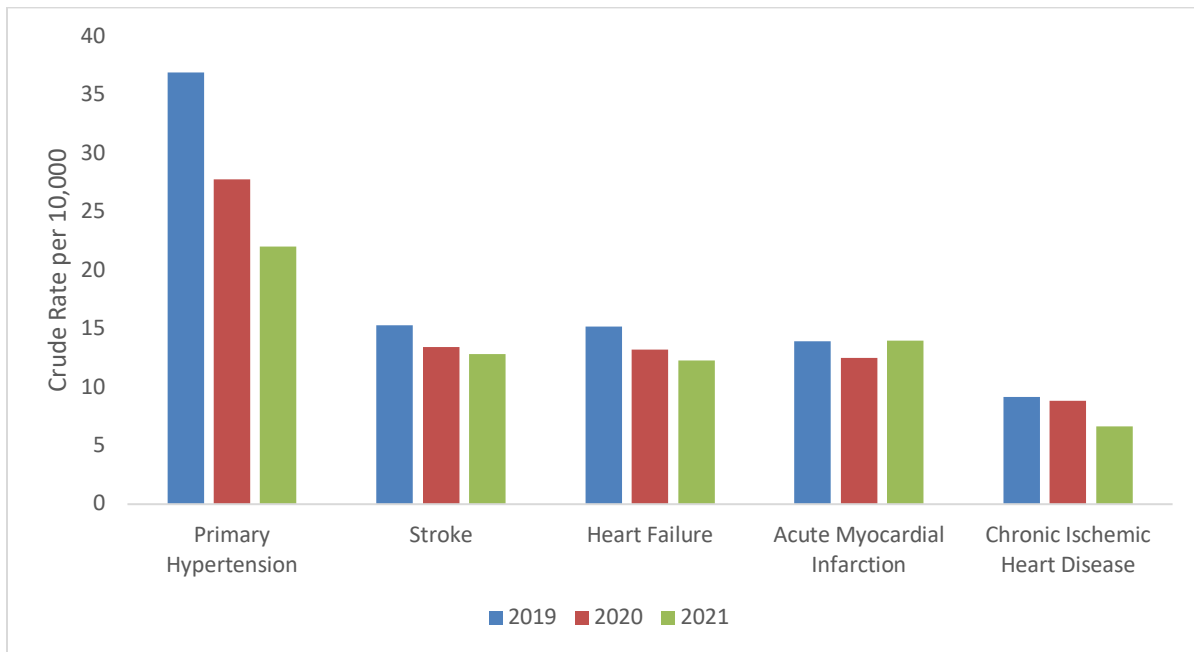


Chart 26 Diseases of the Circulatory System: Leading 5 causes of Hospitalization, Both Genders

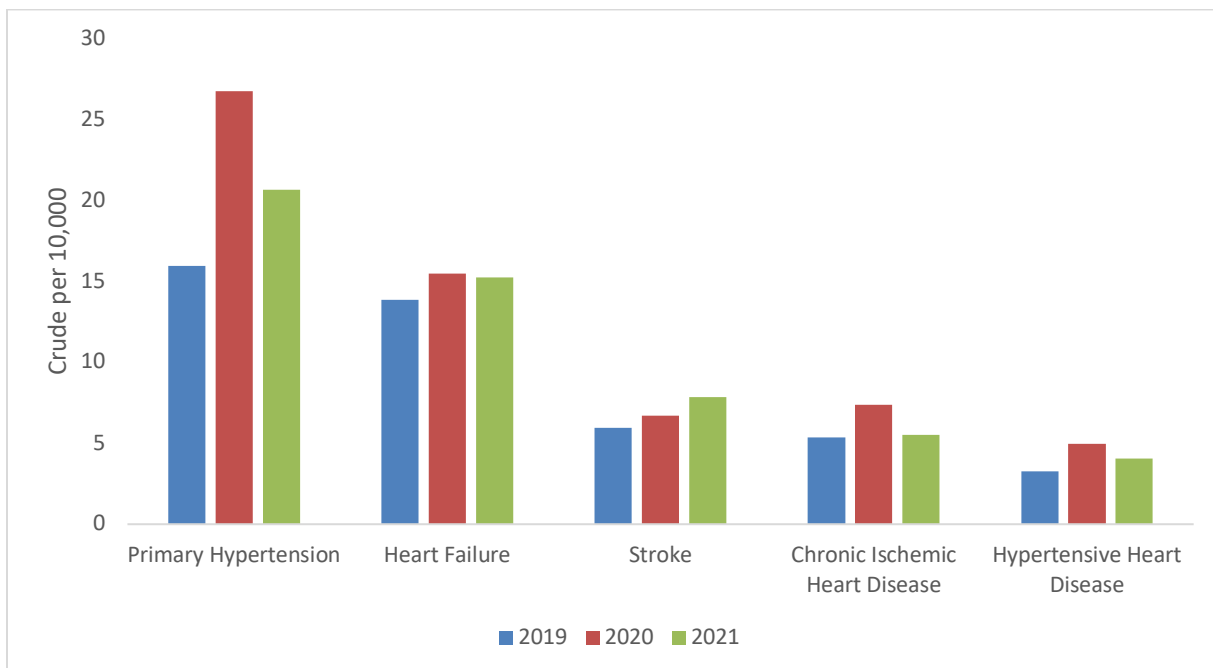


Table 43 Diseases of the Circulatory System ER Visit Rates

Condition	2018	2019	2020	2021	Movement
Rheumatic Heart Disease	0.24 (0.03, 0.44)	0.19	0.33	0.23	↔
Primary Hypertension	79.67 (75.51, 83.83)	36.95	27.81	22.06	↓
Hypertensive Heart Disease	2.26 (1.55, 2.98)	1.09	1.41	0.93	↓
Hypertensive Heart & Renal Disease	1.25 (0.72, 1.78)	0.99	0.99	0.79	↔
Chronic Ischemic Heart Disease	13.60 (11.91, 15.30)	9.15	8.83	6.68	↓
Acute Myocardial Infarction	15.46 (13.64, 17.28)	13.92	12.54	13.98	↔
Acute Ischemic Heart Disease	3.86 (2.95, 4.77)	3.16	3.05	2.15	↓
Atherosclerotic Cardiovascular Disease	0	0	0	0	↔
All Other Heart Disease	51.30 (47.93, 54.67)	39.35	41.10	41.18	↔
Pericarditis & Acute Myocarditis	1.33 (0.81, 1.86)	0.52	1.22	1.22	↔
Endocarditis		NA	NA	NA	NA
Heart Failure	26.30 (23.88, 28.72)	15.19	13.24	12.29	↓
Stroke	15.58 (13.74, 17.41)	15.29	13.43	12.85	↔
Atherosclerosis	0.76 (0.36, 1.17)	0.61	0.80	1.5	↔
Aortic Aneurysm	0.62 (0.25, 0.98)	0.66	0.19	0.42	↔
Diseases of the Artery	4.44 (3.46, 5.42)	3.59	2.72	3.04	↔
Other Diseases of the circulatory system	52.03 (48.69, 55.37)	42.47	37.63	33.42	↓

Table 44 Diseases of the Circulatory System ER Visit Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Rheumatic Heart Disease	NA	NA	0.54	NA	NA	NA
Primary Hypertension	35.93	46.62	24.71	37.58	20.45	28.36
Hypertensive Heart Disease	1.69	0.76	1.47	1.73	0.49	1.45

	2019		2020		2021	
<b>Hypertensive Heart &amp; Renal Disease</b>	1.32	0.89	0.59	1.37	0.29	1.28
<b>Chronic Ischemic Heart Disease</b>	7.97	12.03	7.16	11.12	5.68	7.88
<b>Acute Myocardial Infarction</b>	13.84	16.58	11.12	15.21	11.54	18.75
<b>Acute Ischemic Heart Disease</b>	2.70	4.02	2.90	3.55	1.55	2.95
<b>Atherosclerotic Cardiovascular Disease</b>	0	0	0	0	0	0
<b>All Other Heart Disease</b>	41.14	46.82	37.45	50.88	36.42	54.72
<b>Pericarditis &amp; Acute Myocarditis</b>	0.41	0.68	0.85	1.81	1.16	1.41
<b>Endocarditis</b>	0	NA	NA	NA	NA	NA
<b>Heart Failure</b>	15.00	18.93	11.93	17.04	10.96	15.77
<b>Stroke</b>	16.27	17.43	12.95	15.66	12.87	15.10
<b>Atherosclerosis</b>	0.44	0.98	0.83	0.84	1.76	1.49
<b>Aortic Aneurysm</b>	0.73	0.82	NA	NA	NA	0.63
<b>Diseases of the Artery</b>	4.08	3.57	2.68	0.59	4.31	2.25
<b>Other Diseases of the circulatory system</b>	38.87	53.28	34.90	45.97	32.52	39.54

Table 45 Diseases of the Circulatory System Hospitalization Rates

<b>Condition</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Rheumatic Heart Disease</b>	3.71 (2.80, 4.63)	2.76	2.57	3.96	↔
<b>Primary Hypertension</b>	49.91 (46.59, 53.22)	17.66	29.06	22.64	↓
<b>Hypertensive Heart Disease</b>	6.15 (4.99, 7.32)	3.83	5.49	4.50	↔
<b>Hypertensive Heart &amp; Renal Disease</b>	4.43 (3.44, 5.43)	2.81	3.65	3.20	↔
<b>Chronic Ischemic Heart Disease</b>	16.53 (14.60, 18.46)	5.93	7.92	5.95	↓
<b>Acute Myocardial Infarction</b>	3.16 (2.31, 4.01)	2.72	2.87	2.70	↔
<b>Acute Ischemic Heart Disease</b>	0.28 (0.05, 0.51)	0.47	0.88	1.44	↑

**Table continued on next page**

Condition	2018	2019	2020	2021	Movement
<b>Atherosclerotic Cardiovascular Disease</b>					
<b>All Other Heart Disease</b>	35.13 (32.31, 37.94)	25.57	32.35	33.31	↔
<b>Pericarditis &amp; Acute Myocarditis</b>	0.39 (0.10, 0.69)	NA	0.32	0.42	↔
<b>Endocarditis</b>	0.54 (0.19, 0.90)	NA	0.23	0.55	↔
<b>Heart Failure</b>	21.08 (18.87, 23.28)	15.68	17.37	16.70	↓
<b>Stroke</b>	11.23 (9.63, 12.83)	6.72	7.20	8.52	↔
<b>Atherosclerosis</b>	0.99 (0.51, 1.47)	1.00	1.00	2.70	↑
<b>Aortic Aneurysm</b>	0.53 (0.18, 0.88)	0.25	NA	NA	NA
<b>Diseases of the Artery</b>	3.32 (2.47, 4.18)	1.91	2.14	2.70	↔
<b>Other Diseases of the circulatory system</b>	27.08 (24.65, 29.51)	19.44	21.48	24.18	↔

Table 46 Diseases of the Circulatory System Hospitalization Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>Rheumatic Heart Disease</b>	2.28	3.26	3.13	1.99	4.27	3.64
<b>Primary Hypertension</b>	14.69	20.75	26.30	31.93	19.48	25.93
<b>Hypertensive Heart Disease</b>	4.05	3.61	5.18	5.81	4.10	4.91
<b>Hypertensive Heart &amp; Renal Disease</b>	3.03	2.59	2.54	4.80	3.11	3.29
<b>Chronic Ischemic Heart Disease</b>	4.82	7.09	5.71	10.22	5.69	6.23
<b>Acute Myocardial Infarction</b>	2.78	2.65	2.62	3.12	2.25	3.16
<b>Acute Ischemic Heart Disease</b>	NA	0.62	0.99	0.77	1.22	1.68
<b>Atherosclerotic Cardiovascular Disease</b>						
<b>All Other Heart Disease</b>	25.05	26.12	28.19	36.68	28.57	38.24

Table Continued on Next Page

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>Pericarditis &amp; Acute Myocarditis</b>	NA	NA	0.42	NA	0.33	0.52
<b>Endocarditis</b>	NA	NA	NA	NA	NA	1.00
<b>Heart Failure</b>	15.90	15.46	14.76	20.09	14.99	18.47
<b>Stroke</b>	7.62	5.78	6.31	8.14	9.09	7.92
<b>Atherosclerosis</b>	1.18	0.81	0.98	1.29	1.94	3.50
<b>Aortic Aneurysm</b>	NA	NA	NA	NA	NA	NA
<b>Diseases of the Artery</b>	1.49	2.35	1.71	2.59	1.99	3.44
<b>Other Diseases of the circulatory system</b>	17.49	21.45	19.68	23.36	21.43	27.05

Table 47 Diseases of the Circulatory System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Condition	Hospitalization	ER	Urgent Care
<b>Rheumatic Heart Disease (N=821)</b>	6.7%	0.5%	0.5%
<b>Primary Hypertension (N=7,677)</b>	4.4%	10.2%	3.2%
<b>Hypertensive Heart Disease (N=600)</b>	11.5%	3.8%	0.2%
<b>Hypertensive Heart &amp; Renal Disease (N=292)</b>	17.8%	7.2%	0.3%
<b>Chronic Ischemic Heart Disease (N=2,360)</b>	4.8%	8.2%	1.8%
<b>Acute Myocardial Infarction (N=833)</b>	5.9%	35.4%	1.6%
<b>Acute Ischemic Heart Disease (N=179)</b>	5.0%	37.4%	1.7%
<b>Atherosclerotic Cardiovascular Disease</b>			
<b>All Other Heart Disease (N=7,394)</b>	6.6%	11.3%	1.6%
<b>Pericarditis &amp; Acute Myocarditis (N=91)</b>	3.3%	12.1%	2.2%
<b>Endocarditis (N=26)</b>	15.4%	3.8%	0%
<b>Heart Failure (N=2,128)</b>	13.8%	15.1%	2.1%
<b>Stroke (N=2,387)</b>	5.3%	13.6%	1.3%
<b>Atherosclerosis (N=688)</b>	2.8%	1.9%	0.9%
<b>Aortic Aneurysm (N=78)</b>	6.4%	17.9%	2.6%
<b>Diseases of the Artery (N=1,299)</b>	2.9%	5.9%	1.2%
<b>Other Diseases of the circulatory system (N=4,664)</b>	8.2%	19.3%	2.9%

Table 48 Diseases of the Circulatory System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Rheumatic Heart Disease (N=503)</b>	9.7%	1.4%	0.6%
<b>Primary Hypertension (N=5,601)</b>	10.2%	10.6%	4.9%
<b>Hypertensive Heart Disease (N=347)</b>	30.5%	8.6%	0.9%
<b>Hypertensive Heart &amp; Renal Disease (N=228)</b>	31.6%	9.2%	2.2%
<b>Chronic Ischemic Heart Disease (N=1,785)</b>	8.8%	10.5%	2.4%
<b>Acute Myocardial Infarction (N=765)</b>	7.5%	34.9%	1.7%
<b>Acute Ischemic Heart Disease (N=150)</b>	11.3%	43.3%	1.3%
<b>Atherosclerotic Cardiovascular Disease</b>			
<b>All Other Heart Disease (N=5,509)</b>	11.4%	15.9%	2.1%
<b>Pericarditis &amp; Acute Myocarditis (N=88)</b>	6.8%	29.5%	3.4%
<b>Endocarditis (N=15)</b>	33.3%	13.3%	13.3%
<b>Heart Failure (N=1,686)</b>	19.6%	16.7%	2.3%
<b>Stroke (N=1,841)</b>	7.8%	15.5%	1.8%
<b>Atherosclerosis (N=575)</b>	3.8%	3.0%	1.4%
<b>Aortic Aneurysm (N=54)</b>	5.6%	7.4%	1.9%
<b>Diseases of the Artery (N=969)</b>	4.3%	6.0%	1.5%
<b>Other Diseases of the circulatory system (N=3,700)</b>	11.4%	21.6%	2.9%

Table 49 Diseases of the Circulatory System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2021

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Rheumatic Heart Disease (N=705)</b>	11.2%	0.7%	0.4%
<b>Primary Hypertension (N=5,350)</b>	8.3%	8.8%	4.1%
<b>Hypertensive Heart Disease (N=279)</b>	31.2%	7.2%	2.5%
<b>Hypertensive Heart &amp; Renal Disease (N=265)</b>	24.2%	6.4%	0%
<b>Chronic Ischemic Heart Disease (N=1,496)</b>	7.9%	9.6%	2.5%
<b>Acute Myocardial Infarction (N=635)</b>	8.0%	47.1%	0%
<b>Acute Ischemic Heart Disease (N=132)</b>	20.5%	34.8%	12.1%
<b>Atherosclerotic Cardiovascular Disease</b>			
<b>All Other Heart Disease (N=5,046)</b>	12.8%	17.5%	1.7%
<b>Pericarditis &amp; Acute Myocarditis (N=82)</b>	12.2%	31.7%	4.9%
<b>Endocarditis (N=28)</b>	35.7%	10.7%	0%
<b>Heart Failure (N=1,628)</b>	20.0%	16.2%	3.3%
<b>Stroke (N=1,647)</b>	10.2%	16.7%	1.1%
<b>Atherosclerosis (N=504)</b>	10.7%	6.3%	1.0%
<b>Aortic Aneurysm (N=56)</b>	5.4%	16.1%	0%
<b>Diseases of the Artery (N=1029)</b>	5.3%	6.3%	1.3%
<b>Other Diseases of the circulatory system (N=3,720)</b>	12.7%	19.2%	3.1%

## Diseases of the respiratory system

Chart 27 Diseases of the Respiratory System, ER Visits

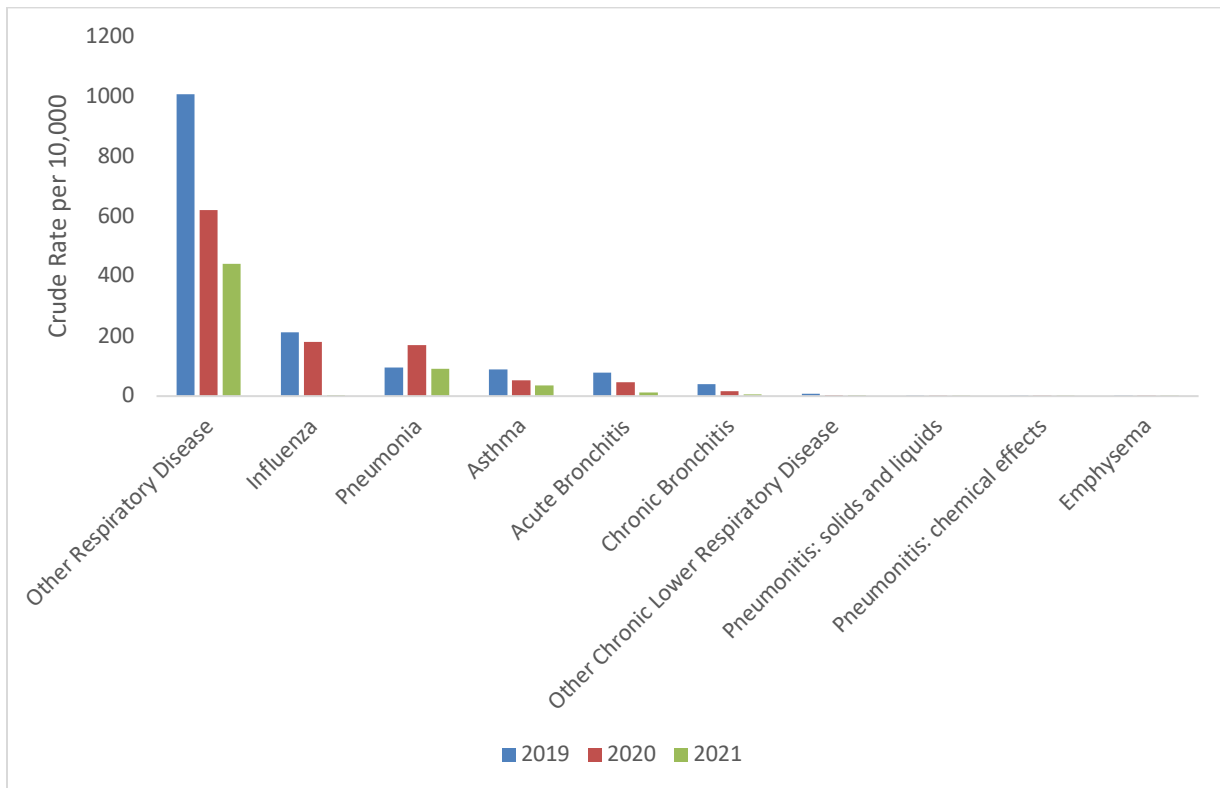




Chart 28 Diseases of the Respiratory Systems, Hospitalization

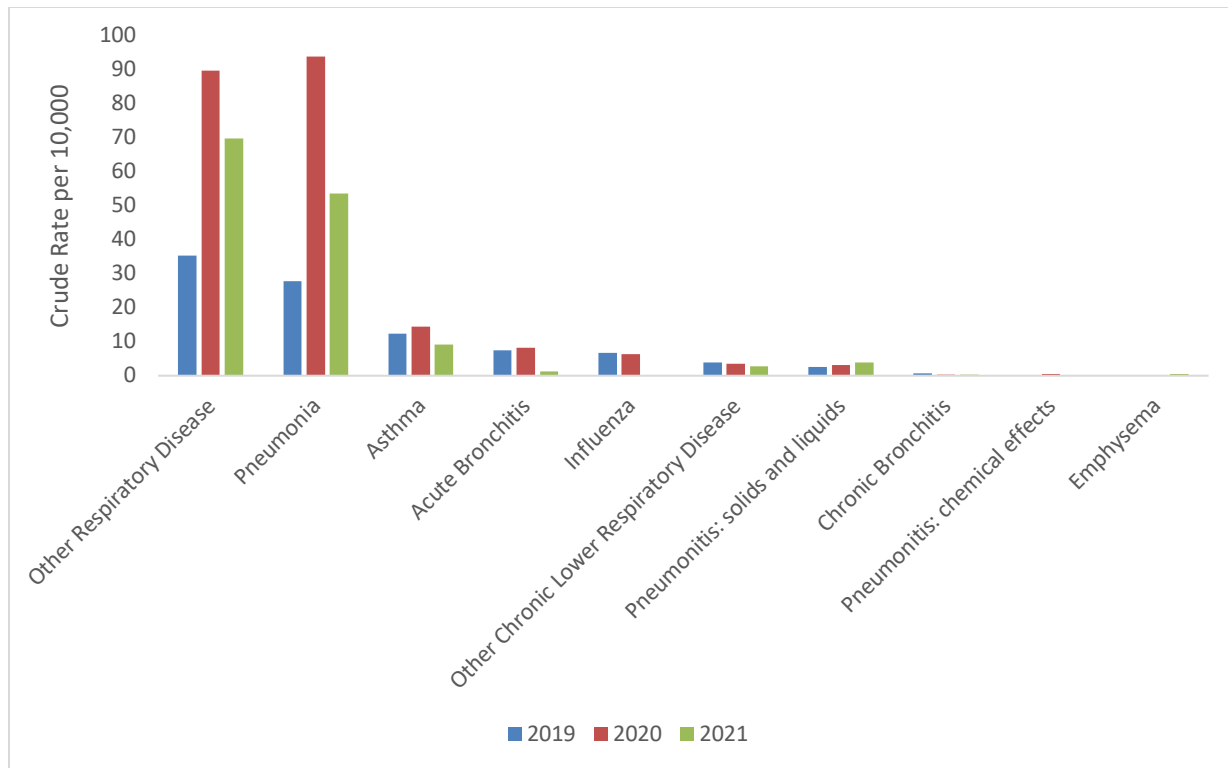


Table 50 Diseases of the Respiratory System ER Visit Rates

Condition	2018	2019	2020	2021	Movement
<b>Other Respiratory Diseases</b>	1117.4 (1102.4, 1132.4)	1014.7	641.1	450.1	↓
<b>Influenza</b>	108.3 (103.7, 112.9)	208.2	182.3	4.55	↓
<b>Pneumonia</b>	105.3 (100.6, 110.1)	99.33	181.9	96.89	↔
<b>Acute Bronchitis</b>	69.07 (65.34, 72.79)	78.95	46.31	13.16	↓
<b>Unspecified Acute Lower Respiratory Infection</b>	NA	0	0	0	NA
<b>Chronic Bronchitis</b>	42.61 (39.60, 45.62)	41.90	18.42	6.70	↓
<b>Emphysema</b>	0.32 (0.06, 0.57)	0.32	0.22	0.22	↔
<b>Other Chronic Lower Respiratory Infection</b>	14.70 (12.88, 16.52)	7.75	4.04	3.65	↓
<b>Asthma</b>	132.6 (127.4, 137.9)	91.16	54.79	36.30	↓

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Condition	2018	2019	2020	2021	Movement
<b>Pneumoconiosis with chemical effect</b>	0.89 (0.46, 1.33)	0.83	0.75	0.65	↔
<b>Pneumonitis due to solids and liquids</b>	2.44 (1.72, 3.16)	1.87	1.62	1.68	↔

Table 51 Diseases of the Respiratory System ER Visit Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>Other Respiratory Diseases</b>	1188.8	833.4	737.8	540.5	498.5	399.8
<b>Influenza</b>	220.7	195.1	197.1	167.0	4.84	4.25
<b>Pneumonia</b>	100.3	98.33	186.0	177.7	96.65	97.14
<b>Acute Bronchitis</b>	85.97	71.65	47.56	45.00	12.65	13.70
<b>Unspecified Acute Lower Respiratory Infection</b>	0	0	0	0	0	0
<b>Chronic Bronchitis</b>	51.51	31.90	20.64	16.11	7.91	5.45
<b>Emphysema</b>	NA	0.65	NA	NA	0	0.45
<b>Other Chronic Lower Respiratory Infection</b>	8.47	7.00	4.75	3.30	3.98	3.32
<b>Asthma</b>	105.3	76.42	63.03	46.22	39.41	33.07
<b>Pneumoconiosis with chemical effect</b>	0.71	0.95	0.56	0.93	0.75	0.55
<b>Pneumonitis due to solids and liquids</b>	1.41	2.36	0.73	2.55	1.48	1.89

Table 52 Diseases of the Respiratory System Hospitalization Rates

Condition	2018	2019	2020	2021	Movement
<b>Other Respiratory Diseases</b>	52.03 (48.65, 55.42)	38.83	96.90	75.72	↑
<b>Influenza</b>	10.05 (8.58, 11.52)	7.00	6.85	NA	NA
<b>Pneumonia</b>	43.23 (40.16, 46.29)	30.00	100.1	57.53	↑
<b>Acute Bronchitis</b>	9.81 (8.48, 11.13)	6.81	7.63	1.24	↓

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<b>Condition</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Unspecified Acute Lower Respiratory Infection</b>	NA	0	0	0	NA
<b>Chronic Bronchitis</b>	1.40 (0.83, 1.96)	0.71	0.13	0.32	↓
<b>Emphysema</b>	0.31 (0.04, 0.58)	NA	NA	0.48	↔
<b>Other Chronic Lower Respiratory Infection</b>	7.70 (6.38, 9.02)	4.48	3.78	2.73	↓
<b>Asthma</b>	20.29 (18.22, 22.37)	12.91	15.33	9.68	↓
<b>Pneumoconiosis with chemical effect</b>	0.28 (0.03, 0.53)	0.19	0.43	0.18	↔
<b>Pneumonitis due to solids and liquids</b>	5.17 (4.09, 6.25)	2.79	3.54	4.45	↔

Table 53 Diseases of the Respiratory System Hospitalization Rates, by Genders

<b>Condition</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	Female	Male	Female	Male	Female	Male
<b>Other Respiratory Diseases</b>	40.27	37.34	101.1	92.58	69.44	82.25
<b>Influenza</b>	7.30	6.69	7.50	6.18	NA	NA
<b>Pneumonia</b>	26.84	33.29	103.2	96.92	56.68	58.40
<b>Acute Bronchitis</b>	5.72	7.95	6.82	8.48	0.71	1.79
<b>Unspecified Acute Lower Respiratory Infection</b>	0	0	0	0	0	0
<b>Chronic Bronchitis</b>	0.69	0.73	NA	0.56	0.43	NA
<b>Emphysema</b>	NA	NA	NA	NA	NA	0.66
<b>Other Chronic Lower Respiratory Infection</b>	4.47	4.50	3.59	3.98	2.56	2.91
<b>Asthma</b>	15.73	9.97	20.28	10.19	11.63	7.66
<b>Pneumoconiosis with chemical effect</b>	NA	NA	NA	0.88	NA	NA
<b>Pneumonitis due to solids and liquids</b>	1.18	4.46	2.47	4.66	2.63	6.35

Table 54 Diseases of the Respiratory System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Other Respiratory Diseases (N=66,499)</b>	1.1%	32.1%	7.3%
<b>Influenza (N=9354)</b>	1.5%	48.5%	7.3%
<b>Pneumonia (N=4823)</b>	12.3%	41.5%	4.1%
<b>Acute Bronchitis (N=3,493)</b>	4.6%	47.6%	2.8%
<b>Unspecified Acute Lower Respiratory Infection (N=0)</b>			
<b>Chronic Bronchitis (N=2013)</b>	0.6%	41.5%	9.5%
<b>Emphysema (n=58)</b>	3.4%	12.1%	3.4%
<b>Other Chronic Lower Respiratory Infection (N=719)</b>	11.7%	21.1%	2.4%
<b>Asthma (N=8,062)</b>	3.3%	23.4%	4.6%
<b>Pneumoconiosis with chemical effect (N=130)</b>	3.1%	12.3%	4.6%
<b>Pneumonitis due to solids and liquids (N=193)</b>	29.0%	18.7%	1.0%

Table 55 Diseases of the Respiratory System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Other Respiratory Diseases (N=45,099)</b>	4.2%	29.4%	5.2%
<b>Influenza (N=7429)</b>	1.8%	51.8%	6.8%
<b>Pneumonia (N=8,590)</b>	23.3%	42.2%	3.3%
<b>Acute Bronchitis (N=2,226)</b>	8.0%	44.2%	2.0%
<b>Unspecified Acute Lower Respiratory Infection (N=0)</b>			
<b>Chronic Bronchitis (N=906)</b>	0.9%	40.7%	10.4%
<b>Emphysema (n=50)</b>	6.0%	10.0%	0%
<b>Other Chronic Lower Respiratory Infection (N=503)</b>	14.5%	16.1%	3.4%
<b>Asthma (N=5,527)</b>	5.6%	20.2%	5.6%
<b>Pneumoconiosis with chemical effect (N=73)</b>	12.3%	20.5%	1.4%
<b>Pneumonitis due to solids and liquids (N=179)</b>	37.4%	17.3%	1.7%

Table 56 Diseases of the Respiratory System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2021

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Other Respiratory Diseases (N=31,635)</b>	4.7%	29.9%	2.8%
<b>Influenza (N=227)</b>	0.9%	41.9%	7.9%
<b>Pneumonia (N=4,783)</b>	24.0%	40.4%	4.0%
<b>Acute Bronchitis (N=585)</b>	4.6%	47.4%	4.1%
<b>Unspecified Acute Lower Respiratory Infection (N=0)</b>			
<b>Chronic Bronchitis (N=298)</b>	2.3%	45.6%	7.4%
<b>Emphysema (n=53)</b>	18.9%	7.5%	0%
<b>Other Chronic Lower Respiratory Infection (N=423)</b>	13.7%	17.5%	2.1%
<b>Asthma (N=3,728)</b>	5.3%	20.3%	2.6%
<b>Pneumoconiosis with chemical effect (N=80)</b>	5.0%	16.3%	6.3%
<b>Pneumonitis due to solids and liquids (N=176)</b>	48.3%	19.3%	0.6%

## Diseases of the digestive system

Chart 29 Diseases of the Digestive System ER Visits, Both Genders

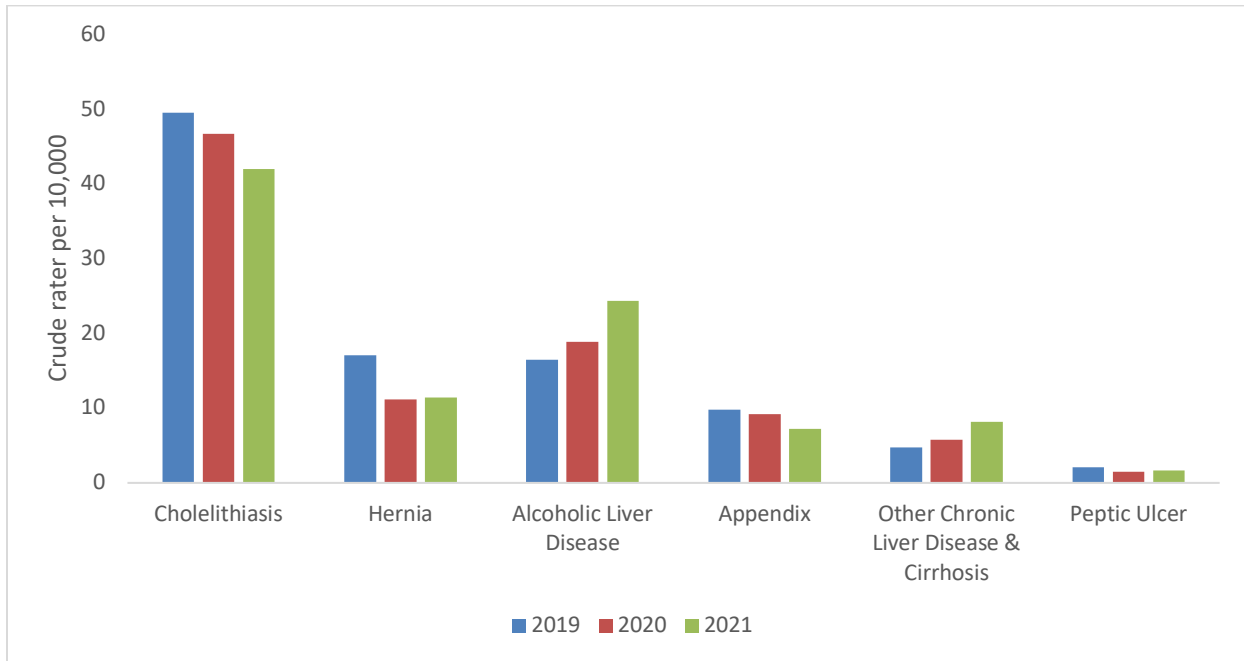


Chart 30 Diseases of the Digestive System Hospitalization, Both Genders

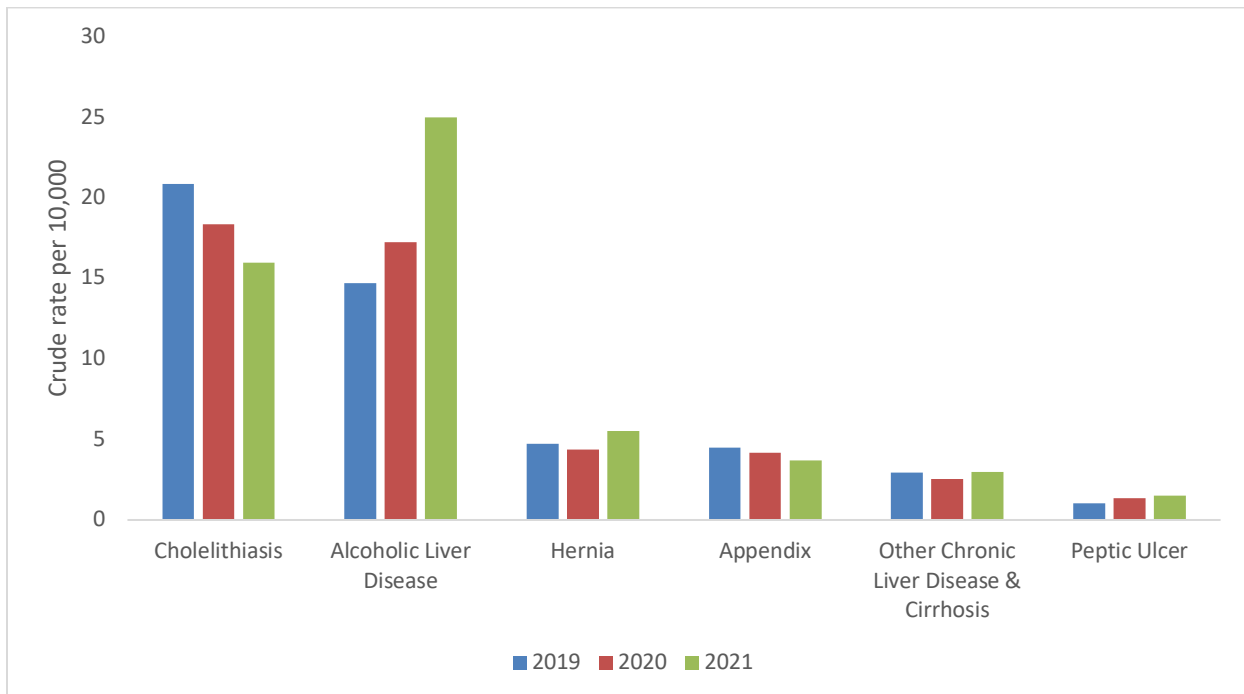


Table 57 Diseases of the Digestive System ER Visit Rates

<b>Condition</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Peptic Ulcer</b>	2.25 (1.55, 2.95)	2.26	1.64	1.95	↔
<b>Diseases of Appendix</b>	9.74 (8.36, 11.13)	9.54	9.23	7.29	↔
<b>Hernia</b>	19.19 (17.12, 21.25)	19.43	12.21	12.76	↓
<b>Alcohol Liver Disease</b>	25.57 (23.15, 27.99)	19.21	21.93	28.96	↔
<b>Other Chronic Liver Disease &amp; Cirrhosis</b>	7.14 (5.88, 8.41)	5.42	6.56	9.52	↔
<b>Cholelithiasis and other disorders of the gallbladder</b>	55.94 (52.42, 59.46)	54.00	50.04	44.57	↓

Table 58 Diseases of the Digestive System ER Visit Rates, by Genders

<b>Condition</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	Female	Male	Female	Male	Female	Male
<b>Peptic Ulcer</b>	2.33	2.18	2.10	1.17	1.37	2.54
<b>Diseases of Appendix</b>	9.74	9.34	8.62	9.88	6.73	7.88
<b>Hernia</b>	18.13	20.77	12.36	12.05	11.40	14.17
<b>Alcohol Liver Disease</b>	11.99	26.72	15.51	28.61	21.44	36.79
<b>Other Chronic Liver Disease &amp; Cirrhosis</b>	4.82	6.06	5.14	8.03	8.52	10.56
<b>Cholelithiasis and other disorders of the gallbladder</b>	68.65	38.76	63.46	36.07	57.72	30.89

Table 59 Diseases of the Digestive System Hospitalization Rates

Condition	2018	2019	2020	2021	Movement
Peptic Ulcer	1.31 (0.78, 1.85)	1.21	1.51	1.60	↔
Diseases of Appendix	5.74 (4.67, 6.81)	4.30	4.18	3.71	↓
Hernia	7.44 (6.15, 8.72)	5.37	4.96	6.10	↔
Alcohol Liver Disease	21.05 (18.86, 23.25)	17.33	20.00	29.08	↑
Other Chronic Liver Disease & Cirrhosis	3.09 (2.28, 3.90)	3.02	2.76	3.23	↔
Cholelithiasis and other disorders of the gallbladder	27.46 (25.01, 29.91)	22.92	19.68	17.32	↓

Table 60 Diseases of the Digestive System Hospitalization Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Peptic Ulcer	1.31	1.11	1.76	1.24	1.20	2.01
Diseases of Appendix	3.98	4.64	4.51	3.83	3.59	3.84
Hernia	6.31	4.40	4.99	4.94	6.86	5.31
Alcohol Liver Disease	12.01	22.86	13.60	26.66	21.65	36.81
Other Chronic Liver Disease & Cirrhosis	2.98	3.07	2.84	2.68	2.93	3.55
Cholelithiasis and other disorders of the gallbladder	29.46	16.12	23.18	16.04	21.05	13.44

Table 61 Diseases of the Digestive System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Condition	Hospitalization	ER	Urgent Care
Peptic Ulcer (N=496)	4.4%	8.9%	1.8%
Diseases of Appendix (N=566)	16.8%	36.6%	1.4%
Hernia (N=2503)	4.0%	14.5%	1.4%
Alcohol Liver Disease (N=1,204)	25.9%	29.1%	2.2%
Other Chronic Liver Disease & Cirrhosis (N=662)	9.4%	15.3%	2.0%
Cholelithiasis and other disorders of the gallbladder (N=4450)	9.9%	23.6%	1.5%



Table 62 Diseases of the Digestive System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

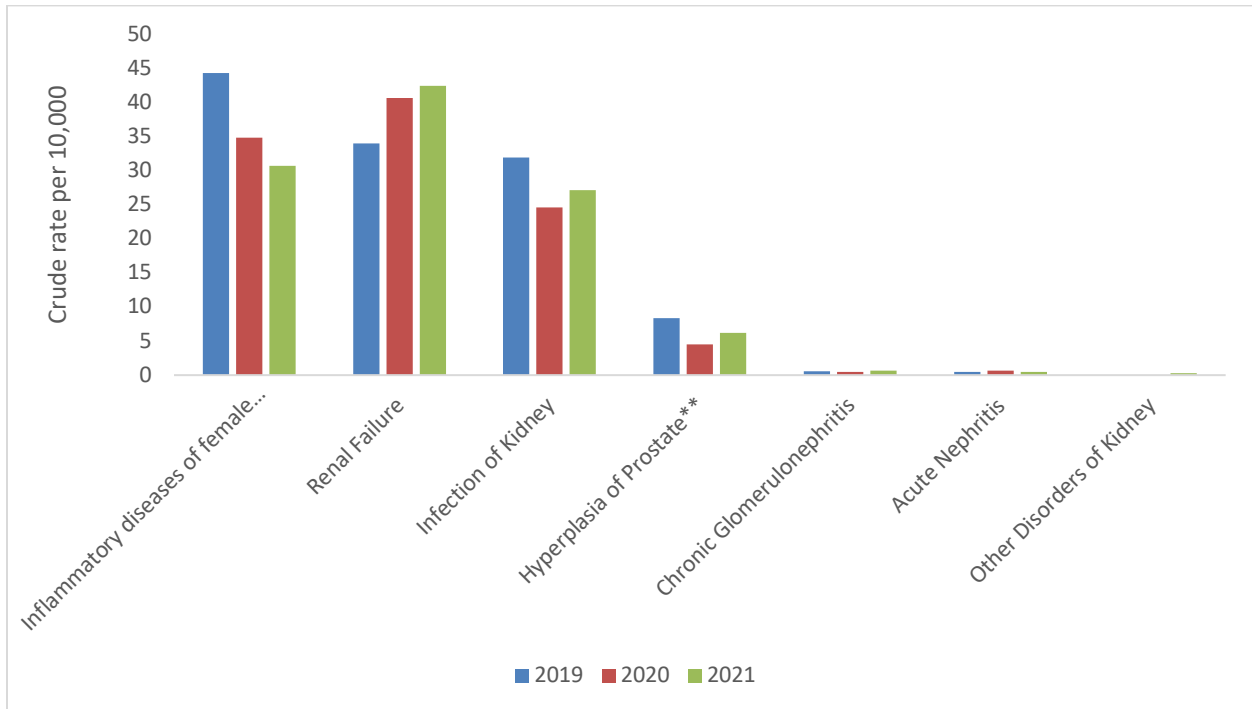
<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Peptic Ulcer (N=362)</b>	8.0%	8.6%	2.2%
<b>Diseases of Appendix (N=489)</b>	18.2%	39.9%	2.5%
<b>Hernia (N=1651)</b>	5.6%	14.4%	2.5%
<b>Alcohol Liver Disease (N=1,250)</b>	29.4%	32.2%	3.6%
<b>Other Chronic Liver Disease &amp; Cirrhosis (N=644)</b>	8.4%	19.1%	3.6%
<b>Cholelithiasis and other disorders of the gallbladder (N=3648)</b>	10.7%	27.3%	2.0%

Table 63 Diseases of the Digestive System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2021

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Peptic Ulcer (N=352)</b>	9.1%	9.9%	1.4%
<b>Diseases of Appendix (N=448)</b>	17.6%	34.6%	1.3%
<b>Hernia (N=2061)</b>	5.7%	11.9%	1.8%
<b>Alcohol Liver Disease (N=1,615)</b>	33.1%	32.3%	1.7%
<b>Other Chronic Liver Disease &amp; Cirrhosis (N=813)</b>	7.9%	21.5%	1.4%
<b>Cholelithiasis and other disorders of the gallbladder (N=3925)</b>	8.7%	22.9%	1.8%

## Diseases of the genitourinary system

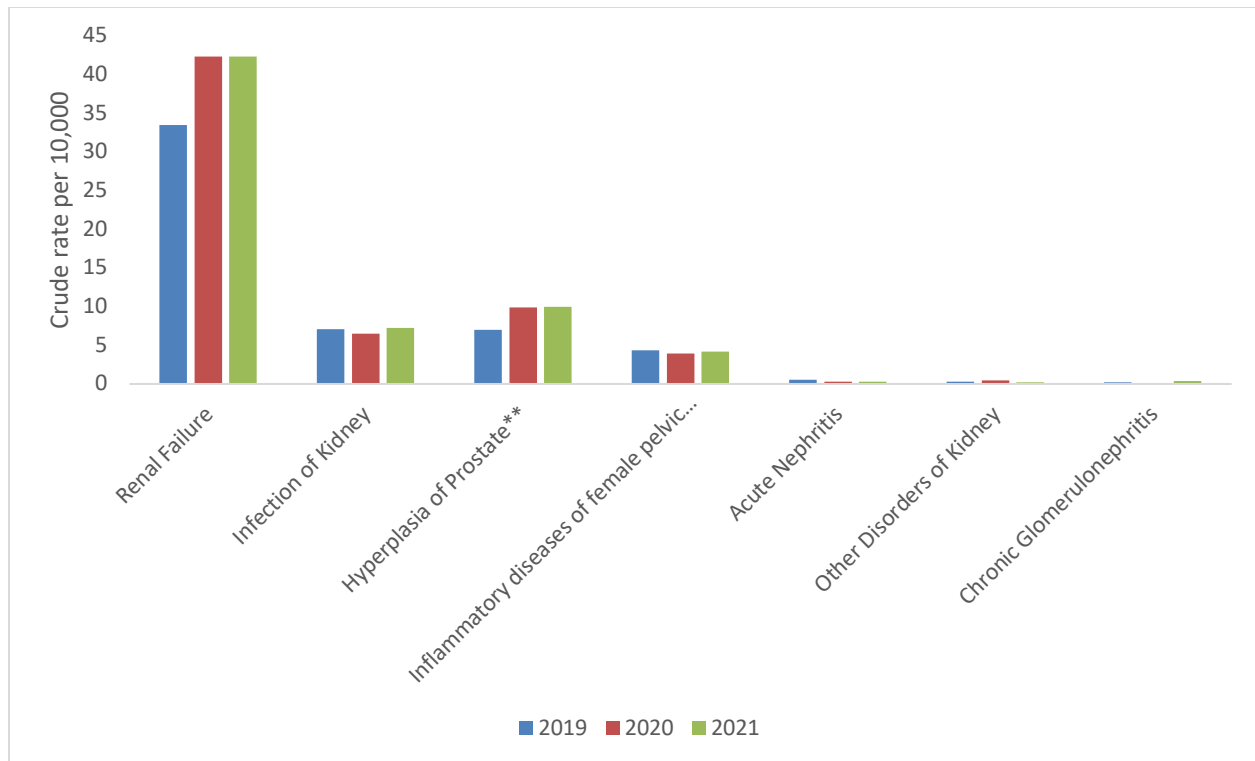
Chart 31 Diseases of the Genitourinary System ER Visits, Both Genders



\*Female Only

\*\*Male Only

Chart 32 Diseases of the Genitourinary System Hospitalization, Both Genders



\*\*Males only included in the denominator

\*Females only included in the denominator

Table 64 Diseases of the Genitourinary System ER Visit Rates

Condition	2018	2019	2020	2021	Movement
Acute Nephritis	0.65 (0.28, 1.03)	0.48	0.79	0.54	↔
Chronic Glomerulonephritis	0.45 (0.13, 0.76)	0.75	0.56	0.85	↔
Infections of Kidney	34.91 (32.18, 37.65)	33.78	26.48	28.49	↓
Renal Failure	53.24 (49.86, 56.62)	37.33	44.04	45.66	↓
Other Disorders of Kidney	NA	NA	NA	0.40	NA
Hyperplasia of Prostate	14.01 (11.56, 16.45)	8.35	4.54	6.05	↓
Inflammatory diseases of female pelvic organs	49.80 (45.16, 54.44)	47.36	36.92	33.60	↓

Table 65 Diseases of the Genitourinary System ER Visit Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Acute Nephritis	NA	0.57	0.43	1.16	0.61	NA
Chronic Glomerulonephritis	1.06	NA	0.52	0.59	0.67	1.05
Infections of Kidney	58.04	8.53	45.13	7.08	49.75	6.38
Renal Failure	32.04	42.84	36.48	51.91	34.67	57.10
Other Disorders of Kidney	NA	NA	NA	0.34	0.48	NA
Hyperplasia of Prostate		8.35		4.54		6.05
Inflammatory diseases of female pelvic organs	47.36		36.92		33.60	

Table 66 Diseases of the Genitourinary System Hospitalization Rates

Condition	2018	2019	2020	2021	Movement
Acute Nephritis	0.52 (0.19, 0.85)	0.65	0.34	0.30	↔
Chronic Glomerulonephritis	0.36 (0.07, 0.65)	0.25	NA	0.41	↔
Infections of Kidney	9.48 (8.05, 10.92)	7.60	7.05	7.53	↔
Renal Failure	52.49 (49.08, 55.90)	36.79	45.45	45.59	↓
Other Disorders of Kidney	0.66 (0.30, 1.03)	0.31	0.53	0.21	↔
Hyperplasia of Prostate	19.82 (16.90, 22.75)	6.97	9.88	9.59	↓
Inflammatory diseases of female pelvic organs	6.73 (4.96, 8.51)	5.02	4.52	4.96	↔

Table 67 Diseases of the Genitourinary System Hospitalization Rates, by Genders

Condition	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Acute Nephritis	0.83	NA	NA	NA	0.42	NA
Chronic Glomerulonephritis	NA	NA	NA	NA	NA	0.57
Infections of Kidney	12.01	3.01	12.24	1.65	11.72	3.16
Renal Failure	34.78	38.89	36.01	55.26	39.33	52.1
Other Disorders of Kidney	NA	NA	0.46	0.60	0.41	NA
Hyperplasia of Prostate		6.97		9.88		9.59
Inflammatory diseases of female pelvic organs	5.02		4.52		4.96	

Table 68 Diseases of the Genitourinary System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Condition	Hospitalization	ER	Urgent Care
Acute Nephritis (N=105)	11.4%	9.5%	0%
Chronic Glomerulonephritis (N=166)	3.0%	7.8%	0%
Infections of Kidney (N=1,365)	11.0%	49.6%	8.3%
Renal Failure (N=5026)	14.1%	14.4%	2.3%
Other Disorders of Kidney (N=251)	2.4%	1.6%	0.8%
Hyperplasia of Prostate (N=1,292)	5.5%	6.6%	2.3%
Inflammatory diseases of female pelvic organs (N=2,966)	1.6%	16.5%	0%

Table 69 Diseases of the Genitourinary System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

Condition	Hospitalization	ER	Urgent Care
Acute Nephritis (N=78)	7.7%	19.2%	1.3%
Chronic Glomerulonephritis (N=117)	2.6%	9.4%	1.7%
Infections of Kidney (N=1,029)	13.5%	50.9%	5.2%
Renal Failure (N=5,432)	16.6%	16.0%	3.1%
Other Disorders of Kidney (N=251)	8.3%	0.8%	0.8%
Hyperplasia of Prostate (N=946)	10.7%	4.8%	3.7%
Inflammatory diseases of female pelvic organs (N=2,966)	2.3%	20.1%	3.7%

Table 70 Diseases of the Genitourinary System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2021

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Acute Nephritis (N=83)</b>	8.4%	12.0%	1.2%
<b>Chronic Glomerulonephritis (N=131)</b>	6.9%	11.5%	0.8%
<b>Infections of Kidney (N=1,082)</b>	14.3%	53.7%	4.6%
<b>Renal Failure (N=5,575)</b>	16.3%	16.3%	2.0%
<b>Other Disorders of Kidney (N=112)</b>	3.6%	6.3%	0%
<b>Hyperplasia of Prostate (N=958)</b>	10.6%	6.7%	2.6%
<b>Inflammatory diseases of female pelvic organs (N=2,049)</b>	2.3%	16.7%	3.4%

## Pregnancy, childbirth and the puerperium

Chart 33 Pregnancy, childbirth and the puerperium ER Visits

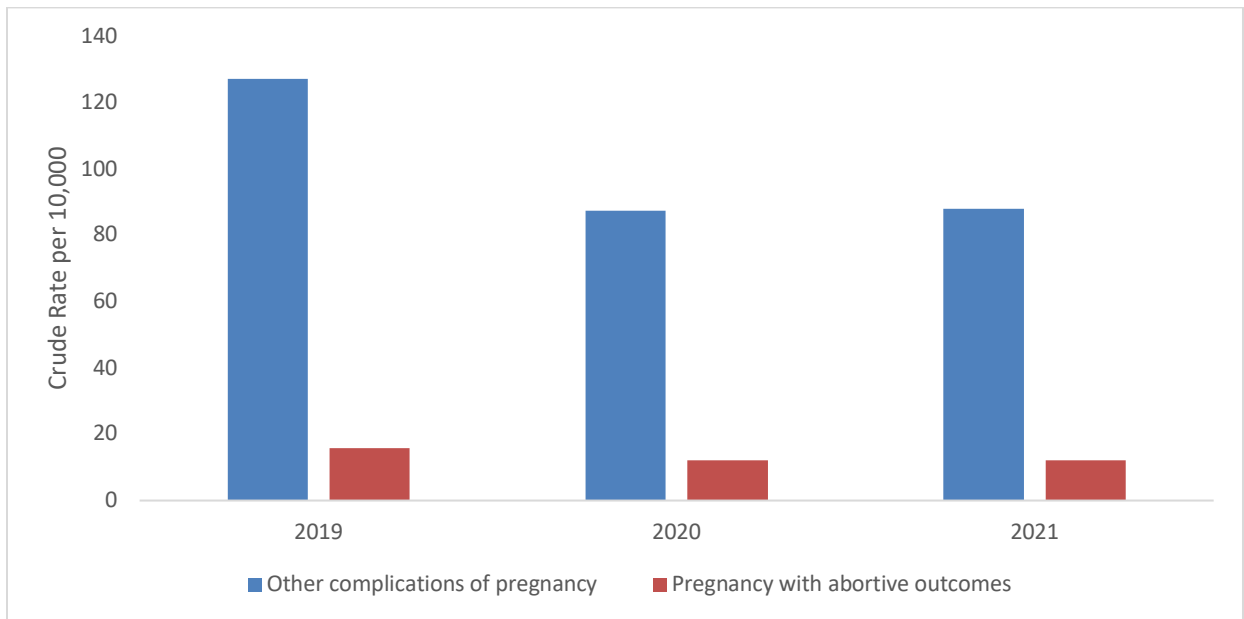
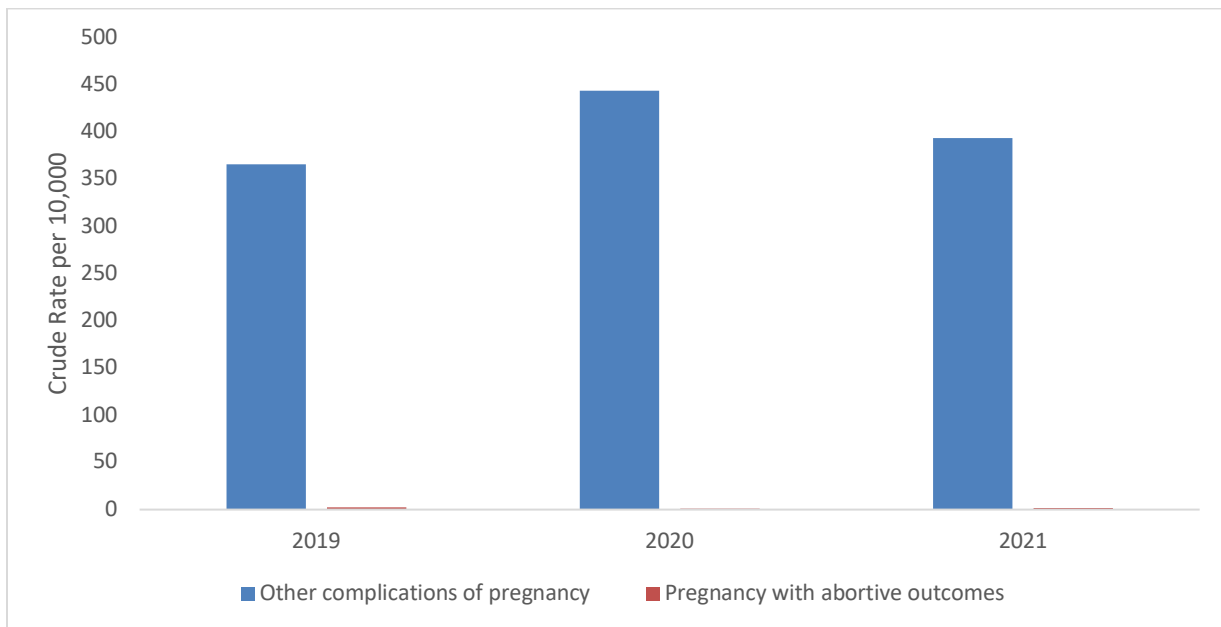


Chart 34 Pregnancy, childbirth and the puerperium Hospitalizations



The denominator for other pregnancy issues includes women up to age 69, and the denominator for abortive pregnancy is women ages 0-59. These age groups were used to best match denominators used by the State comparisons.

Table 71 Pregnancy, childbirth and the puerperium ER Visit Rates

Condition	2018	2019	2020	2021	Movement
<b>Abortive Pregnancy</b>	21.99 (18.46, 25.52)	15.90	12.82	13.46	↓
<b>Other Pregnancy Issues</b>	151.6 (143.1, 160.2)	134.5	93.59	93.58	↓

Table 72 Pregnancy, childbirth and the puerperium Hospitalization Rates

Condition	2018	2019	2020	2021	Movement
<b>Abortive Pregnancy</b>	1.64 (0.72, 2.55)	2.75	1.20	1.74	↔
<b>Other Pregnancy Issues</b>	529.2 (513.0, 545.3)	387.7	479.5	426.3	↓

Table 73 Diseases of the Genitourinary System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Condition	Hospitalization	ER	Urgent Care
<b>Abortive Pregnancy (N=21,918)</b>	16.9%	5.9%	0.5%
<b>Other Pregnancy Issues (N=656)</b>	3.4%	22.1%	1.5%

Table 74 Diseases of the Genitourinary System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

Condition	Hospitalization	ER	Urgent Care
<b>Abortive Pregnancy (N=19,885)</b>	22.7%	4.5%	0.4%
<b>Other Pregnancy Issues (N=656)</b>	2.1%	21.1%	0.9%

Table 75 Diseases of the Genitourinary System Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2021

Condition	Hospitalization	ER	Urgent Care
<b>Abortive Pregnancy (N=17,800)</b>	22.6%	5.1%	0.6%
<b>Other Pregnancy Issues (N=491)</b>	3.1%	22.8%	1.2%



## Certain conditions originating in the perinatal period

Chart 35 Certain conditions originating in the perinatal period ER & Hospitalizations Rates

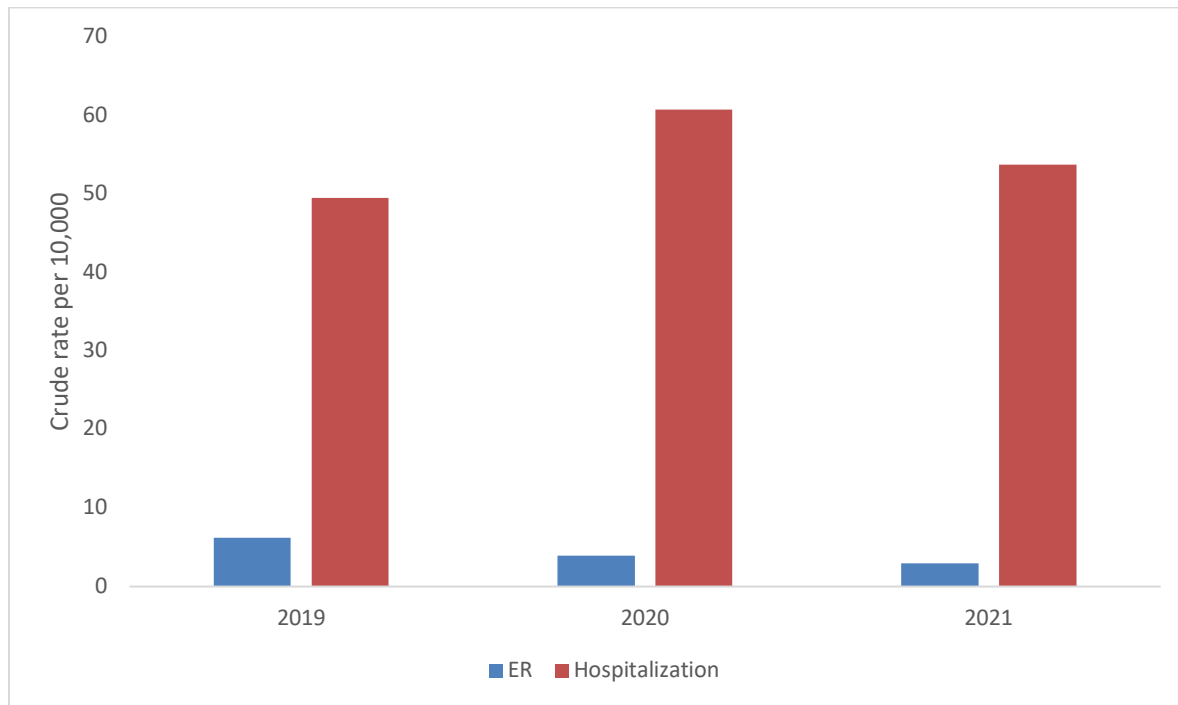


Table 76 Certain conditions originating in the perinatal period ER & Hospitalization Rates

Site	2018	2019	2020	2021	Movement
<b>Emergency Room</b>	4.78 (3.87, 5.69)	5.68	3.71	2.87	↓
<b>Hospitalization</b>	62.08 (58.87, 65.29)	43.79	54.99	49.27	↓

Table 77 Certain conditions originating in the perinatal period ER & Hospitalization Rates, by Gender

Site	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>Emergency Room</b>	4.57	6.84	3.05	2.06	2.40	3.36
<b>Hospitalization</b>	42.17	45.48	46.79	63.51	43.76	55.01

Table 78 Certain conditions originating in the perinatal period Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other), by Year

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>2019 (N=2845)</b>	36.9%	4.6%	0.8%
<b>2020 (N=2903)</b>	44.5%	2.9%	0.5%
<b>2021 (N=2490)</b>	46.1%	2.6%	0.8%

## Congenital malformations, deformations and chromosomal abnormalities

Chart 36 Congenital malformations, deformations and chromosomal abnormalities ER & Hospitalization Rates, Both Genders

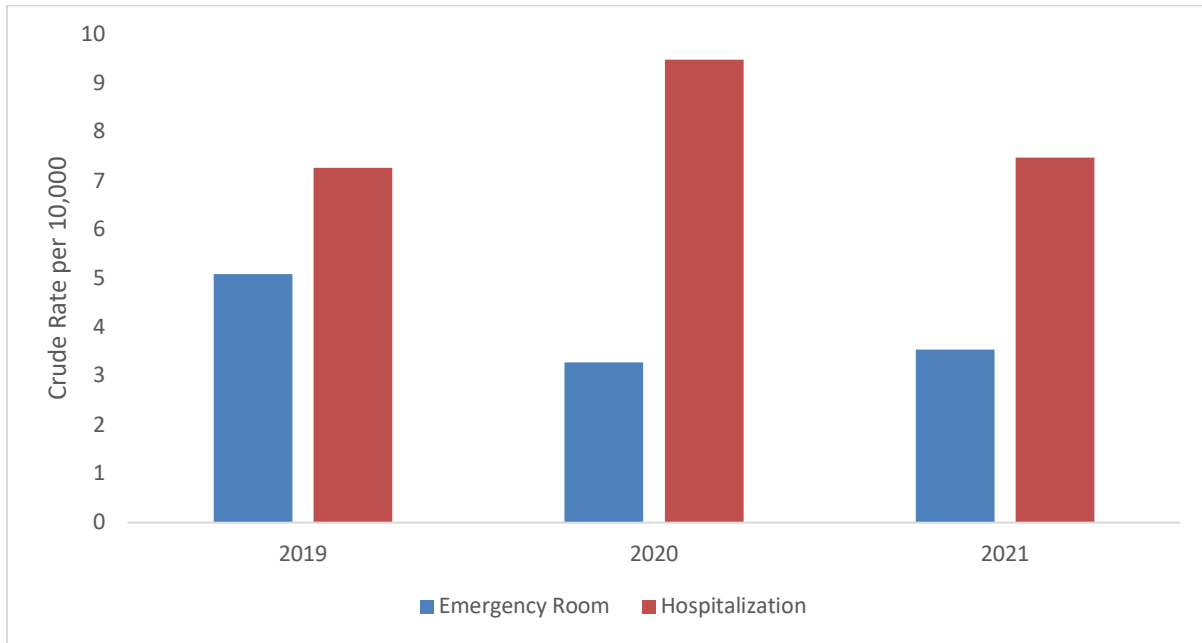


Table 79 Congenital malformations, deformations and chromosomal abnormalities ER & Hospitalization Rates

Site	2018	2019	2020	2021	Movement
<b>Emergency Room</b>	6.20 (5.09, 7.30)	5.21	3.30	3.68	↓
<b>Hospitalization</b>	10.84 (9.41, 12.27)	6.78	8.92	7.15	↓

Table 80 Congenital malformations, deformations and chromosomal abnormalities ER & Hospitalization Rates, by Gender

Site	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>Emergency Room</b>	5.01	5.41	3.27	3.33	2.71	4.69
<b>Hospitalization</b>	5.92	7.67	7.72	10.16	7.78	6.49

Table 81 Congenital malformations, deformations and chromosomal abnormalities Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other), by Year

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>2019 (N=2939)</b>	5.2%	3.7%	0.9%
<b>2020 (N=2,073)</b>	9.7%	3.4%	0.9%
<b>2021 (N=2,392)</b>	6.7%	3.2%	0.6%

## Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified

Chart 37 Symptoms, signs and abnormal lab findings ER Visits & Hospitalization, Both Genders

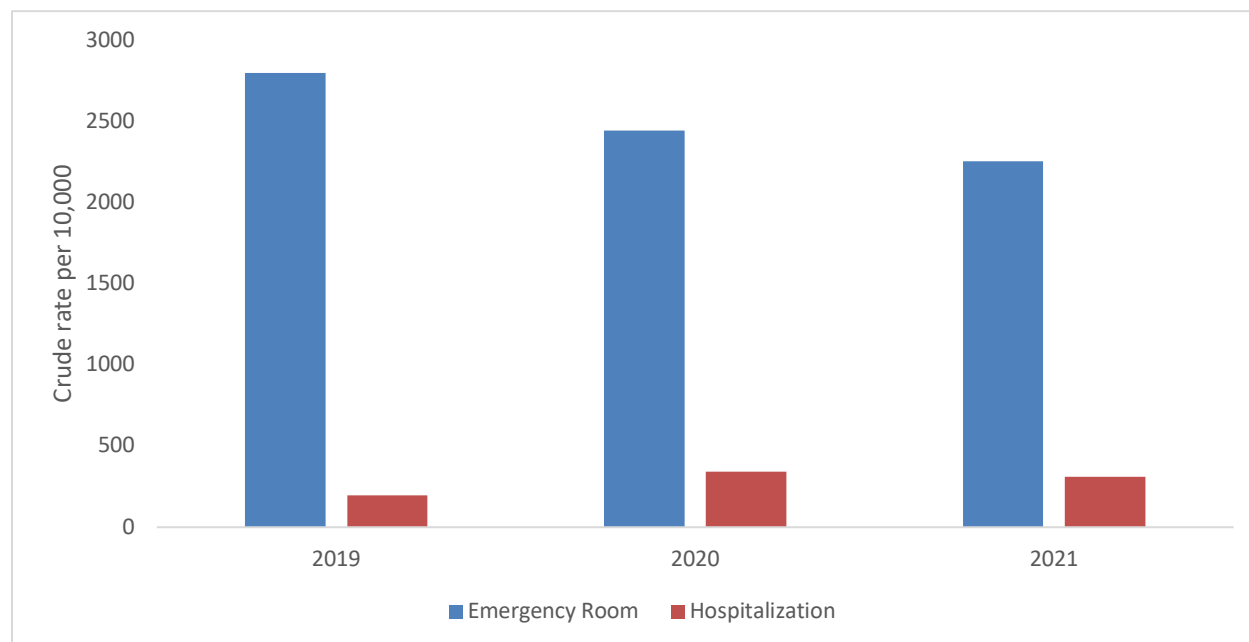


Table 82 Symptoms, signs and abnormal lab findings ER & Hospitalization Rates

Site	2018	2019	2020	2021	Movement
<b>Emergency Room</b>	3,208.9 (3182.2, 3,225.0)	2923.6	2592.1	2379.5	↓
<b>Hospitalization</b>	288.8 (280.8, 296.7)	216.8	369.1	337.4*	↑

\*Description of leading causes of Symptoms, signs and abnormal lab findings Hospitalization can be seen in the appendix

Table 83 Congenital malformations, deformations and chromosomal abnormalities ER & Hospitalization Rates, by Gender

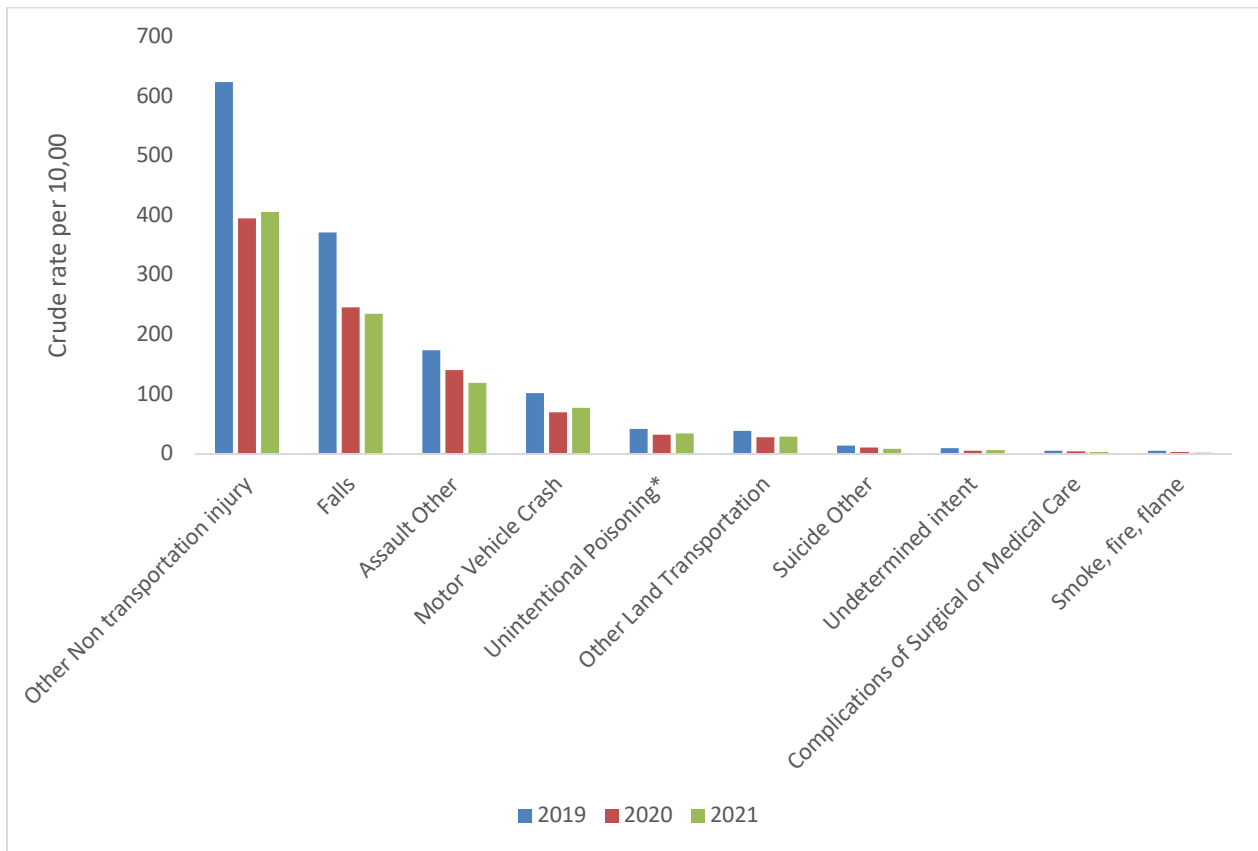
Site	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
<b>Emergency Room</b>	3210.0	2625.6	2743.8	2434.3	2447.6	2308.7
<b>Hospitalization</b>	219.9	213.5	381.0	356.8	318.8	356.7

Table 84 Congenital malformations, deformations and chromosomal abnormalities Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other), by Year

<b>Condition</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>2019 (N=189,505)</b>	2.2%	31.3%	4.8%
<b>2020 (N=176,581)</b>	4.1%	29.5%	4.9%
<b>2021 (N=165,567)</b>	4.0%	29.2%	3.5%

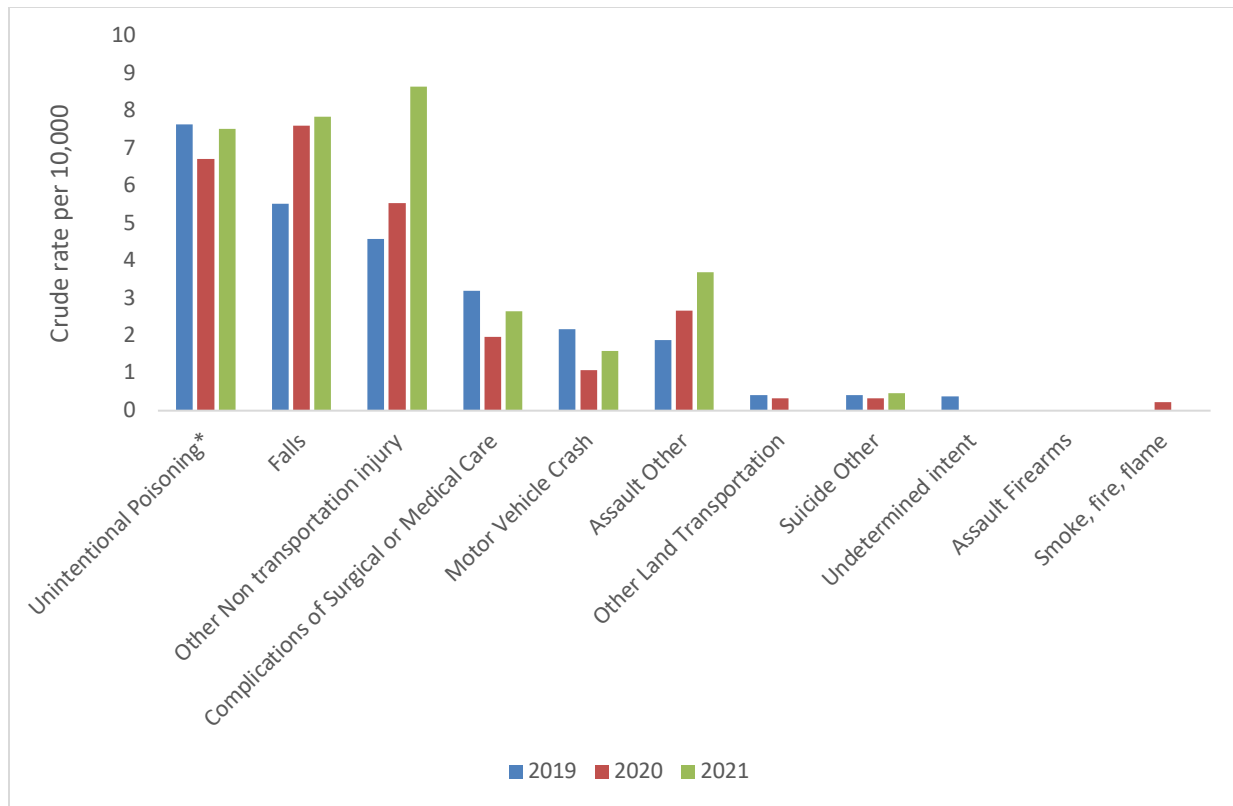
## External causes of morbidity and mortality

Chart 38 External Cause of Injury: Leading 10 Causes ER Visits, Both Genders



\*T Codes used for this calculation

Chart 39 External Cause of Injury: Leading Causes Hospitalization, Both Genders



\*Calculated from T Codes

Table 85 External Cause of Injury ER Visit Rates

Injury Type	2018	2019	2020	2021	Movement
<b>Motor Vehicle Crash</b>	113.7 (108.8, 118.6)	104.5	72.10	79.83	↓
<b>Other Land Transportation</b>	32.16 (29.63, 34.69)	38.2	28.29	28.77	↔
<b>Water, Air and Space and other transportation</b>	0.31 (0.03, 0.58)	0.45	0.34	0.46	↔
<b>Falls</b>	380.9 (372.0, 389.9)	384.4	258.2	244.2	↓
<b>Accidental Discharge of Firearm</b>	2.25 (1.57, 2.92)	2.48	2.54	2.63	↔
<b>Drowning</b>	NA	0	NA	NA	NA
<b>Accidental exposure to smoke, fire, flame</b>	5.20 (4.15, 6.25)	5.27	3.85	2.72	↓
<b>Unintentional Poisoning</b>	70.04 (66.24, 73.84)	43.63	34.07	35.95	↓
<b>Other and unspecified non-</b>	622.9 (611.6, 634.2)	636.7	410.3	417.4	↓



<b>transportation accidents</b>					
<b>Injury Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Suicide by discharge of firearm</b>	NA	NA	0.31	0.51	NA
<b>Suicide by other means</b>	12.07 (10.49, 13.64)	13.21	11.53	8.92	↓
<b>Assault by firearm</b>	1.62 (1.02, 2.22)	1.06	1.65	1.53	↔
<b>Assault by other means</b>	215.2 (208.3, 222.0)	188.0	155.2	130.9	↓
<b>Legal Intervention</b>	4.56 (3.55, 5.57)	4.55	3.17	4.88	↔
<b>Discharge of firearm, undetermined intent</b>	0.27 (0.03, 0.52)	0.35	0.45	0.42	↔
<b>Other and unspecified events of undetermined intent</b>	9.44 (8.03, 10.86)	9.85	5.86	7.37	↔
<b>Operations of war and their sequelae</b>	NA	NA	NA	NA	NA
<b>Complications of medical and surgical care</b>	7.77 (6.48, 9.07)	6.37	4.27	4.17	↓

Table 86 External Cause of Injury ER Visit Rates, by Gender

<b>Injury Type</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>
<b>Motor Vehicle Crash</b>	99.28	109.9	62.89	81.69	70.66	89.37
<b>Other Land Transportation</b>	19.16	58.02	13.69	43.49	15.51	42.58
<b>Water, Air and Space and other transportation</b>	0.39	0.50	NA	0.38	0.51	NA
<b>Falls</b>	402.1	366.0	266.7	249.4	256.9	231.0
<b>Accidental Discharge of Firearm</b>	0.42	4.62	NA	4.88	1.08	4.25
<b>Drowning</b>	0	0	0	NA	NA	0
<b>Accidental exposure to smoke, fire, flame</b>	2.83	7.80	2.73	5.02	1.93	3.54
<b>Unintentional Poisoning</b>	47.38	39.73	37.40	30.60	39.09	32.69
<b>Other and unspecified non-</b>	554.0	722.8	334.5	489.2	363.8	473.2

<b>transportation accidents</b>						
	<b>2019</b>		<b>2020</b>		<b>2021</b>	
<b>Injury Type</b>	Female	Male	Female	Male	Female	Male
<b>Suicide by discharge of firearm</b>	0	NA	0	0.63	NA	1.04
<b>Suicide by other means</b>	11.38	15.12	9.34	13.81	6.76	11.17
<b>Assault by firearm</b>	NA	1.83	0.39	2.96	0.87	2.22
<b>Assault by other means</b>	139.1	239.0	108.3	204.0	95.16	168.2
<b>Legal Intervention</b>	1.25	7.98	0.77	5.67	1.73	8.15
<b>Discharge of firearm, undetermined intent</b>	NA	NA	NA	0.72	NA	0.75
<b>Other and unspecified events of undetermined intent</b>	8.30	11.46	4.14	7.65	5.29	9.53
<b>Operations of war and their sequelae</b>	0	NA	0	NA	0	NA
<b>Complications of medical and surgical care</b>	5.83	6.93	4.73	3.78	4.02	4.33

Table 87 External Cause of Injury Hospitalization Rates

<b>Injury Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Motor Vehicle Crash</b>	2.51 (1.77, 3.25)	2.37	1.17	1.78	↔
<b>Other Land Transportation</b>	0.55 (0.18, 0.91)	0.51	0.39	NA	NA
<b>Water, Air and Space and other transportation</b>	NA	0	0	0	NA
<b>Falls</b>	9.60 (8.12, 11.07)	6.19	8.56	8.60	↔
<b>Accidental Discharge of Firearm</b>	NA	NA	NA	NA	NA
<b>Drowning</b>	NA	0	0	0	NA
<b>Accidental exposure to smoke, fire, flame</b>	NA	NA	0.22	NA	NA
<b>Unintentional Poisoning</b>	10.40 (8.89, 11.91)	8.53	7.32	8.09	↔
<b>Other and unspecified non-transportation accidents</b>	8.47 (7.10, 9.84)	5.09	6.07	9.51	↔

<b>Injury Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Suicide by discharge of firearm</b>	NA	0	0	0	NA
<b>Suicide by other means</b>	NA	0.54	0.39	0.55	NA
<b>Assault by firearm</b>	0	NA	NA	NA	NA
<b>Assault by other means</b>	4.07 (3.10, 5.30)	2.04	3.02	4.26	↔
<b>Legal Intervention</b>	NA	NA	0	NA	NA
<b>Discharge of firearm, undetermined intent</b>	NA	0	0	NA	NA
<b>Other and unspecified events of undetermined intent</b>	0.41 (0.12, 0.70)	0.44	NA	NA	NA
<b>Operations of war and their sequelae</b>	NA	0	NA	NA	NA
<b>Complications of medical and surgical care</b>	3.49 (2.63, 4.35)	3.38	2.27	2.86	↔

Table 88 External Cause of Injury Hospitalization Rates, by Gender

<b>Injury Type</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>
<b>Motor Vehicle Crash</b>	1.44	3.32	0.94	1.40	1.94	1.61
<b>Other Land Transportation</b>	NA	0.93	NA	0.67	NA	NA
<b>Water, Air and Space and other transportation</b>	0	0	0	0	0	0
<b>Falls</b>	6.46	5.91	9.58	7.49	8.87	8.32
<b>Accidental Discharge of Firearm</b>	NA	NA	NA	0	0	NA
<b>Drowning</b>	0	0	0	0	0	0
<b>Accidental exposure to smoke, fire, flame</b>	0	NA	NA	0.35	NA	0
<b>Unintentional Poisoning</b>	9.88	7.13	8.23	6.38	6.87	9.36
<b>Other and unspecified non-transportation accidents</b>	3.11	7.15	3.34	8.91	6.64	12.50

Table Continued on Next Page

Injury Type	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Suicide by discharge of firearm	0	0	0	0	0	0
Suicide by other means	NA	0.73	NA	NA	NA	0.81
Assault by firearm	0	NA	0	NA	0	NA
Assault by other means	1.22	2.90	2.30	3.76	2.51	6.07
Legal Intervention	0	NA	0	0	0	NA
Discharge of firearm, undetermined intent	0	0	0	0	NA	NA
Other and unspecified events of undetermined intent	NA	NA	0	NA	0	NA
Operations of war and their sequelae	0	0	0	NA	0	NA
Complications of medical and surgical care	2.71	4.08	2.52	2.0	2.45	3.29

Table 89 External Injuries Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Injury Type	Hospitalization	ER	Urgent Care
Motor Vehicle Crash (N=3372)	1.4%	64.1%	5.5%
Other Land Transportation (N=1380)	0.7%	58.9%	7.9%
Water, Air and Space and other transportation (N=19)	0%	52.6%	5.3%
Falls (N=14274)	0.8%	55.2%	8.2%
Accidental Discharge of Firearm (N=81)	3.7%	64.2%	6.2%
Drowning (N=0)			
Accidental exposure to smoke, fire, flame (N=207)	1.4%	51.2%	12.1%
Unintentional Poisoning (N=1751)	9.3%	50.8%	4.1%
Other and unspecified non-transportation accidents (N=24213)	0.4%	54.6%	9.8%
Suicide by discharge of firearm (N=7)	0%	42.9%	0%
Suicide by other means (N=382)	2.4%	75.9%	3.1%
Assault by firearm (N=32)	3.1%	65.6%	0%
Assault by other means (N=4993)	0.8%	73.8%	6.0%
Legal Intervention (N=99)	1.0%	84.8%	5.1%
Discharge of firearm, undetermined intent (N=13)	0%	53.8%	15.4%

<b>Injury Type</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Other and unspecified events of undetermined intent (N=354)</b>	2.3%	58.2%	9.3%
<b>Operations of war and their sequelae (N=2)</b>			
<b>Complications of medical and surgical care (N=610)</b>	11.1%	20.7%	3.0%

Table 90 External Injuries Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

<b>Injury Type</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Motor Vehicle Crash (N=2144)</b>	1.1%	69.1%	5.3%
<b>Other Land Transportation (N=989)</b>	0.7%	60.6%	11.2%
<b>Water, Air and Space and other transportation (N=19)</b>	0%	36.8%	15.8%
<b>Falls (N=8686)</b>	1.9%	60.3%	7.3%
<b>Accidental Discharge of Firearm (N=95)</b>	1.1%	56.8%	8.4%
<b>Drowning (N=3)</b>			
<b>Accidental exposure to smoke, fire, flame (N=150)</b>	3.3%	50.7%	8.7%
<b>Unintentional Poisoning (N=1406)</b>	10.2%	49.7%	3.9%
<b>Other and unspecified non-transportation accidents (N=14712)</b>	0.8%	57.3%	9.6%
<b>Suicide by discharge of firearm (N=8)</b>	0%	87.5%	0%
<b>Suicide by other means (N=312)</b>	2.2%	76.6%	3.2%
<b>Assault by firearm (N=38)</b>	5.3%	78.9%	0%
<b>Assault by other means (N=3879)</b>	1.5%	77.3%	5.5%
<b>Legal Intervention (N=69)</b>	0%	88.4%	4.3%
<b>Discharge of firearm, undetermined intent (N=13)</b>	0%	69.2%	0%
<b>Other and unspecified events of undetermined intent (N=202)</b>	1.0%	57.4%	7.9%
<b>Operations of war and their sequelae (N=3)</b>			
<b>Complications of medical and surgical care (N=411)</b>	10.2%	20.4%	1.9%

Table 91 External Injuries Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2021

<b>Injury Type</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Motor Vehicle Crash (N=2302)</b>	1.5%	72.4%	4.7%
<b>Other Land Transportation (N=991)</b>	0.4%	62.5%	7.5%
<b>Water, Air and Space and other transportation (N=26)</b>	0%	38.5%	0%
<b>Falls (N=8283)</b>	2.0%	60.8%	6.7%
<b>Accidental Discharge of Firearm (N=85)</b>	1.2%	58.8%	5.9%
<b>Drowning (N=1)</b>			
<b>Accidental exposure to smoke, fire, flame (N=129)</b>	2.3%	45.0%	13.2%
<b>Unintentional Poisoning (N=1423)</b>	11.3%	51.2%	5.0%
<b>Other and unspecified non-transportation accidents (N=14570)</b>	1.3%	59.6%	8.6%
<b>Suicide by discharge of firearm (N=9)</b>	0%	100%	0%
<b>Suicide by other means (N=238)</b>	4.2%	78.6%	2.9%
<b>Assault by firearm (N=46)</b>	4.3%	67.4%	0%
<b>Assault by other means (N=3287)</b>	2.4%	77.5%	4.0%
<b>Legal Intervention (N=99)</b>	1.0%	91.9%	2.0%
<b>Discharge of firearm, undetermined intent (N=16)</b>	12.5%	50.0%	0%
<b>Other and unspecified events of undetermined intent (N=220)</b>	1.4%	68.6%	10.5%
<b>Operations of war and their sequelae (N=3)</b>			
<b>Complications of medical and surgical care (N=395)</b>	14.4%	21.0%	4.1%

## T Codes Injury, Poisoning, and Certain Other Consequences of External Causes

Chart 40 Leading 10 ER Visits Both Genders

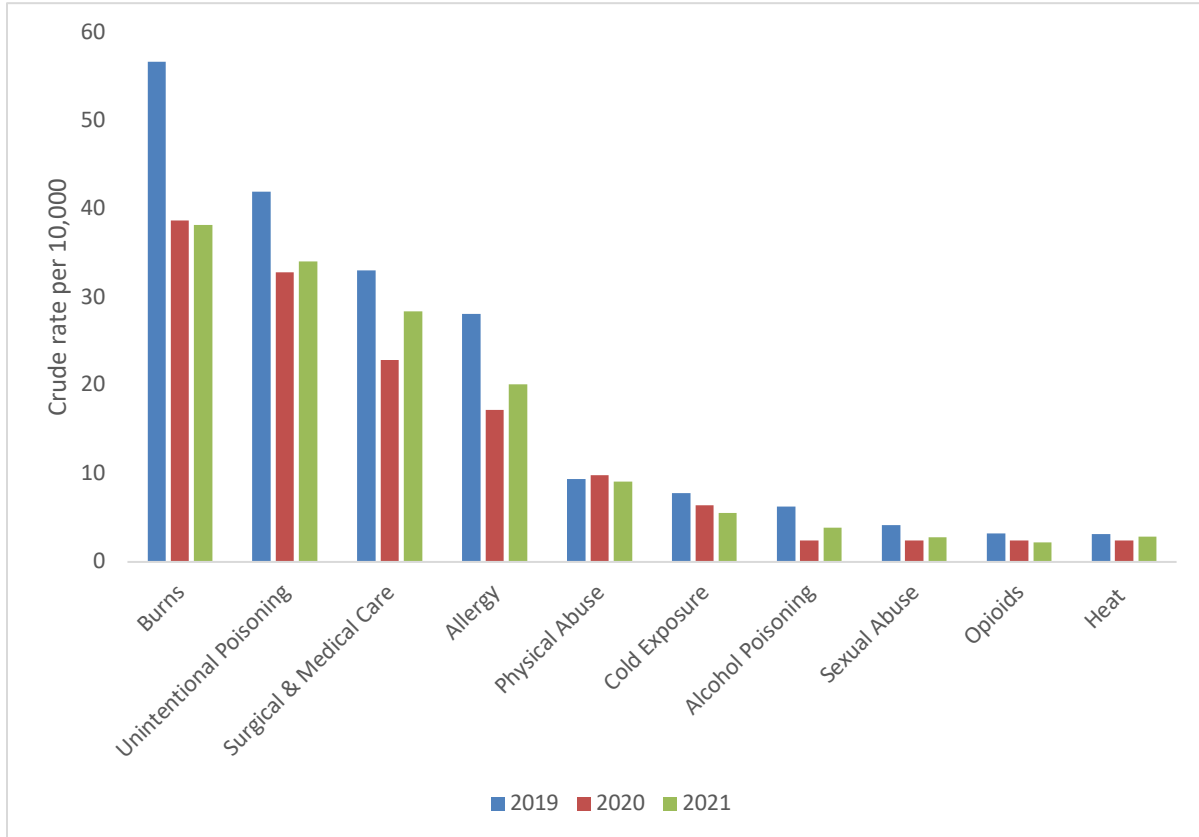


Chart 41 Leading Hospitalizations, Both Genders

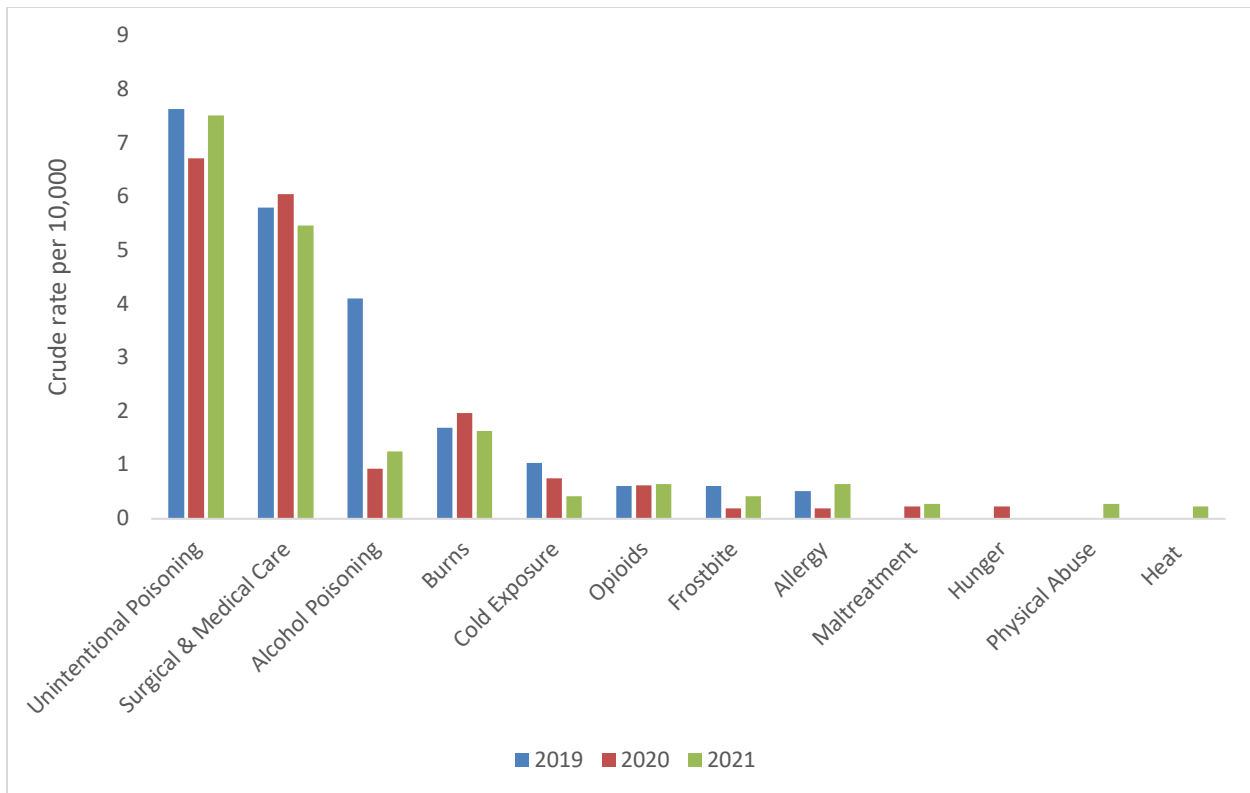


Table 92 T-Code Cause of Injury ER Visit Rates

Injury Type	2018	2019	2020	2021	Movement
<b>Alcohol Poisoning</b>	3.18 (2.34, 4.03)	7.06	2.88	4.47	↔
<b>Allergy</b>	17.04 (15.17, 18.90)	28.00	17.73	20.84	↔
<b>Asphyxiation</b>	2.33 (1.64, 3.02)	0.49	0.26	0.27	↓
<b>Burns</b>	54.99 (51.62, 58.36)	57.72	39.75	39.16	↓
<b>Cold Exposure</b>	8.53 (7.15, 9.91)	8.78	7.20	6.00	↓
<b>Drowning</b>	NA	0	NA	NA	NA
<b>Electrocution</b>	0.67 (0.28, 1.05)	0.32	0.28	0.57	↔
<b>Food Reactions</b>	5.01 (4.00, 6.03)	0	0	0	↓
<b>Frostbite</b>	NA	0.80	1.50	2.17	NA
<b>Heat</b>	4.22 (3.27, 5.18)	3.45	2.58	3.08	↔

Table Continued on Next Page



Injury Type	2018	2019	2020	2021	Movement
Hunger	0.76 (0.35, 1.16)	0.87	0.60	0.40	↔
Lightning	0.35 (0.08, 0.62)	0.31	0	NA	NA
Maltreatment	1.81 (1.19, 2.44)	3.01	0.99	1.08	↔
Motion Sickness	NA	NA	0	0	
Opioids	2.78 (2.00, 3.56)	3.44	2.46	2.33	↔
Overexertion	NA	NA	NA	NA	NA
Physical Abuse	11.31 (9.73, 12.89)	9.90	10.62	9.69	↔
Radiation	NA	0	NA	0	NA
Sexual Abuse	3.55 (2.69, 4.41)	4.08	2.49	2.82	↔
Surgical & Medical Care	39.06 (36.16, 41.96)	35.33	24.55	30.28	↓

Table 93 T-Code Cause of Injury ER Visit Rates, by Gender

Injury Type	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Alcohol Poisoning	2.90	11.40	1.20	4.62	1.89	7.15
Allergy	33.80	21.97	23.64	11.58	26.32	15.14
Asphyxiation	0.83	NA	NA	NA	NA	NA
Burns	44.58	71.38	33.52	46.23	34.69	43.82
Cold Exposure	4.37	13.38	2.71	11.87	3.33	8.78
Drowning	0	0	NA	NA	NA	0
Electrocution	NA	0.50	0	0	NA	0.84
Food Reactions	0	0	0	0	0	0
Frostbite	0	1.62	0.39	2.65	0.56	3.85
Heat	2.30	4.65	1.69	3.50	2.32	3.87
Hunger	0.44	1.31	NA	1.13	NA	0.74
Lightning	NA	0.50	0	0	NA	NA
Maltreatment	4.32	1.65	1.64	NA	1.53	0.61
Motion Sickness	NA	0	0	0	0	0
Opioids	3.79	3.08	2.02	2.92	2.37	2.29
Overexertion	NA	NA	0	NA	NA	0
Physical Abuse	13.03	6.64	13.38	7.75	12.05	7.24
Radiation	0	0	NA	0	0	0
Sexual Abuse	7.35	0.68	4.27	0.66	4.55	1.01
Surgical & Medical Care	30.19	40.67	20.68	28.57	30.78	29.76

Table 94 T-Code Cause of Injury Hospitalization Rates

<b>Injury Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Alcohol Poisoning</b>	2.63 (1.85, 3.40)	4.58	1.12	1.55	↔
<b>Allergy</b>	NA	0.56	0.21	0.70	NA
<b>Asphyxiation</b>	NA	0	0	NA	NA
<b>Burns</b>	1.90 (1.27, 2.53)	1.97	2.07	1.73	↔
<b>Cold Exposure</b>	0.79 (0.39, 1.20)	1.17	0.90	0.45	↔
<b>Drowning</b>	NA	0	0	0	NA
<b>Electrocution</b>	NA	0	0	0	NA
<b>Food Reactions</b>	NA	0	0	0	NA
<b>Frostbite</b>	NA	0.65	0.26	0.61	NA
<b>Heat</b>	NA	NA	NA	0.24	NA
<b>Hunger</b>	NA	NA	0.22	NA	NA
<b>Lightning</b>	NA	0	0	0	↓
<b>Maltreatment</b>	0.22 (0.03, 0.41)	NA	0.27	0.28	↔
<b>Motion Sickness</b>	NA	0	0	0	↓
<b>Opioids</b>	0.84 (0.41, 1.28)	0.64	0.58	0.73	↔
<b>Overexertion</b>	NA	NA	0	0	NA
<b>Physical Abuse</b>	NA	NA	NA	0.29	NA
<b>Radiation</b>	NA	0	0	0	NA
<b>Sexual Abuse</b>	NA	NA	0	NA	NA
<b>Surgical &amp; Medical Care</b>	9.88 (8.42, 11.34)	6.17	6.56	5.95	↓

Table 95 T-Code Cause of Injury Hospitalization Rates, by Gender

<b>Injury Type</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>
<b>Alcohol Poisoning</b>	2.24	7.02	0	2.28	0.69	2.44
<b>Allergy</b>	0.69	0.44	NA	NA	0.88	0.52
<b>Asphyxiation</b>	0	0	0	0	NA	0
<b>Burns</b>	NA	3.60	1.18	2.99	1.06	2.44
<b>Cold Exposure</b>	0.75	1.61	0.55	1.26	NA	0.63
<b>Drowning</b>	0	0	0	0	0	0
<b>Electrocution</b>	0	0	0	0	0	0
<b>Food Reactions</b>	0	0	0	0	0	0
<b>Frostbite</b>	0	1.33	0	0.52	0	1.25
<b>Heat</b>	0	NA	NA	0	NA	0.37
<b>Hunger</b>	0	NA	NA	NA	0	NA
<b>Lightning</b>	0	0	0	0	0	0
<b>Maltreatment</b>	NA	0	NA	NA	0.54	NA
<b>Motion Sickness</b>	0	0	0	0	0	0
<b>Opioids</b>	0.75	0.53	0.48	0.68	0.75	0.70
<b>Overexertion</b>	NA	0	0	0	0	0

Injury Type	2019		2020		2021	
	Female	Male	Female	Male	Female	Male
Physical Abuse	NA	0	NA	NA	0.38	NA
Radiation	0	0	0	0	0	0
Sexual Abuse	NA	0	0	0	NA	0
Surgical & Medical Care	6.18	6.17	6.24	6.88	4.54	7.42

Table 96 T-Code Injury Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

Injury Type	Hospitalization	ER	Urgent Care
Alcohol Poisoning (N=237)	36.7%	56.1%	1.7%
Allergy (N=1384)	0.8%	43.0%	7.3%
Asphyxiation (N=4)			
Burns (N=2877)	1.3%	41.7%	9.5%
Cold Exposure (N=223)	9.9%	74.4%	0.4%
Drowning (N=2)			
Electrocution (N=12)	0%	58.3%	0%
Food Reactions (N=0)			
Frostbite (N=84)	15.5%	19.0%	1.2%
Heat (N=102)	1.0%	65.7%	8.8%
Hunger (N=22)	9.1%	72.7%	4.5%
Lightning (N=5)	0%	100%	0%
Maltreatment (N=183)	0.5%	35.5%	2.7%
Motion Sickness (N=17)	0%	11.8%	0%
Opioids (N=123)	10.6%	56.1%	1.6%
Overexertion (N=7)	14.3%	42.9%	0%
Physical Abuse (N=473)	0.2%	42.1%	9.3%
Radiation (N=2)			
Sexual Abuse (N=192)	0.5%	45.8%	2.1%
Surgical & Medical Care (N=2920)	4.2%	24.0%	2.9%

Table 97 T-Code Injury Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

Injury Type	Hospitalization	ER	Urgent Care
Alcohol Poisoning (N=107)	18.7%	48.6%	6.5%
Allergy (N=894)	0.4%	41.1%	5.7%
Asphyxiation (N=7)	0%	85.7%	0%
Burns (N=1859)	2.3%	44.3%	9.0%
Cold Exposure (N=171)	9.4%	79.5%	1.8%
Drowning (N=5)	0%	60.0%	0%
Electrocution (N=10)	0%	60.0%	10.0%
Food Reactions (N=0)			
Frostbite (N=88)	4.5%	28.4%	8.0%
Heat (N=78)	1.3%	65.4%	9.0%
Hunger (N=18)	27.8%	66.7%	0%

<b>Injury Type</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Lightning (N=0)</b>			
<b>Maltreatment (N=91)</b>	5.5%	22.0%	4.4%
<b>Motion Sickness (N=9)</b>	0%	0%	11.1%
<b>Opioids (N=82)</b>	15.9%	62.2%	1.2%
<b>Overexertion (N=2)</b>			
<b>Physical Abuse (N=389)</b>	0.8%	54.0%	9.0%
<b>Radiation (N=1)</b>			
<b>Sexual Abuse (N=138)</b>	0%	37.7%	1.4%
<b>Surgical &amp; Medical Care (N=2035)</b>	6.3%	24.0%	3.2%

Table 98 T-Code Injury Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other)  
2021

<b>Injury Type</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Alcohol Poisoning (N=139)</b>	19.4%	59.7%	1.4%
<b>Allergy (N=921)</b>	1.5%	46.7%	6.1%
<b>Asphyxiation (N=9)</b>	11.1%	55.6%	0%
<b>Burns (N=1784)</b>	2.0%	45.8%	9.1%
<b>Cold Exposure (N=134)</b>	6.7%	88.8%	0.7%
<b>Drowning (N=2)</b>			
<b>Electrocution (N=12)</b>	0%	91.7%	0%
<b>Food Reactions (N=0)</b>			
<b>Frostbite (N=77)</b>	11.7%	48.1%	3.9%
<b>Heat (N=83)</b>	6.0%	73.5%	6.0%
<b>Hunger (N=11)</b>	18.2%	72.7%	0%
<b>Lightning (N=3)</b>			
<b>Maltreatment (N=65)</b>	9.2%	35.4%	7.7%
<b>Motion Sickness (N=17)</b>	0%	0%	0%
<b>Opioids (N=79)</b>	17.7%	60.8%	1.3%
<b>Overexertion (N=1)</b>			
<b>Physical Abuse (N=350)</b>	1.7%	55.7%	6.0%
<b>Radiation (N=0)</b>			
<b>Sexual Abuse (N=177)</b>	0.6%	33.3%	1.7%
<b>Surgical &amp; Medical Care (N=2155)</b>	5.4%	28.2%	3.6%

## Navajo Special Infectious Diseases

Chart 42 Navajo Special Infectious Diseases ER Visits, Both Genders

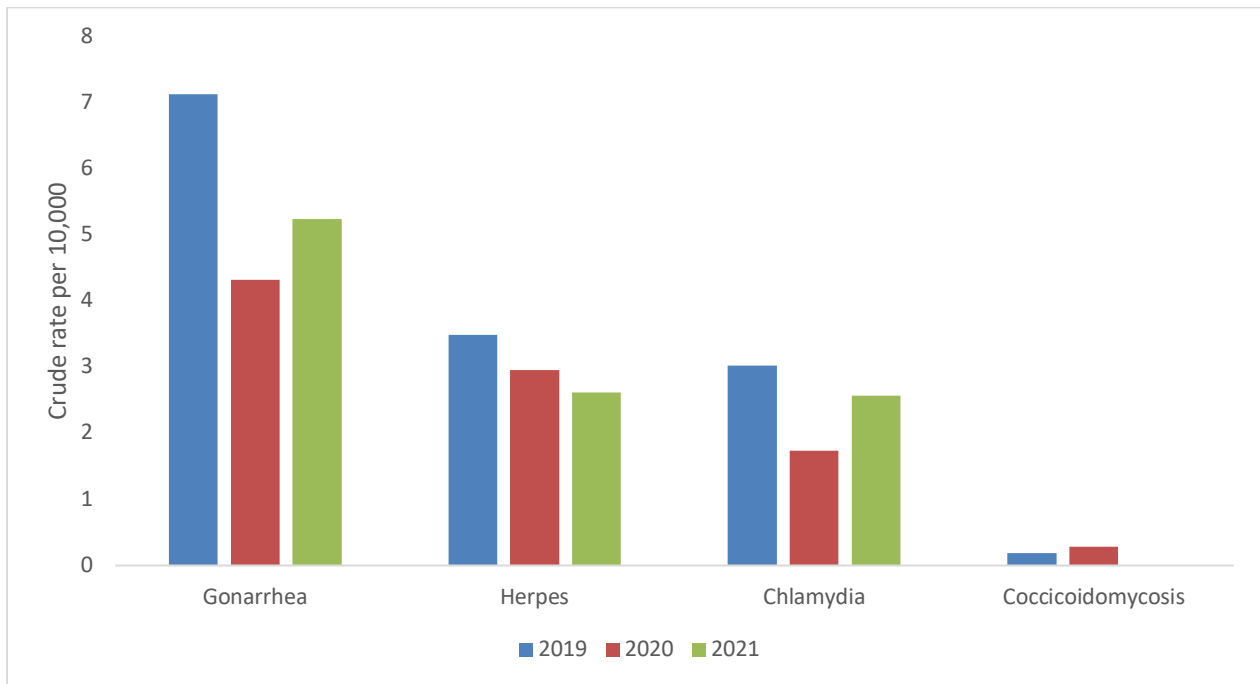


Chart 43 Navajo Special Infectious Diseases—Respiratory Disease ER Visits, Both Genders

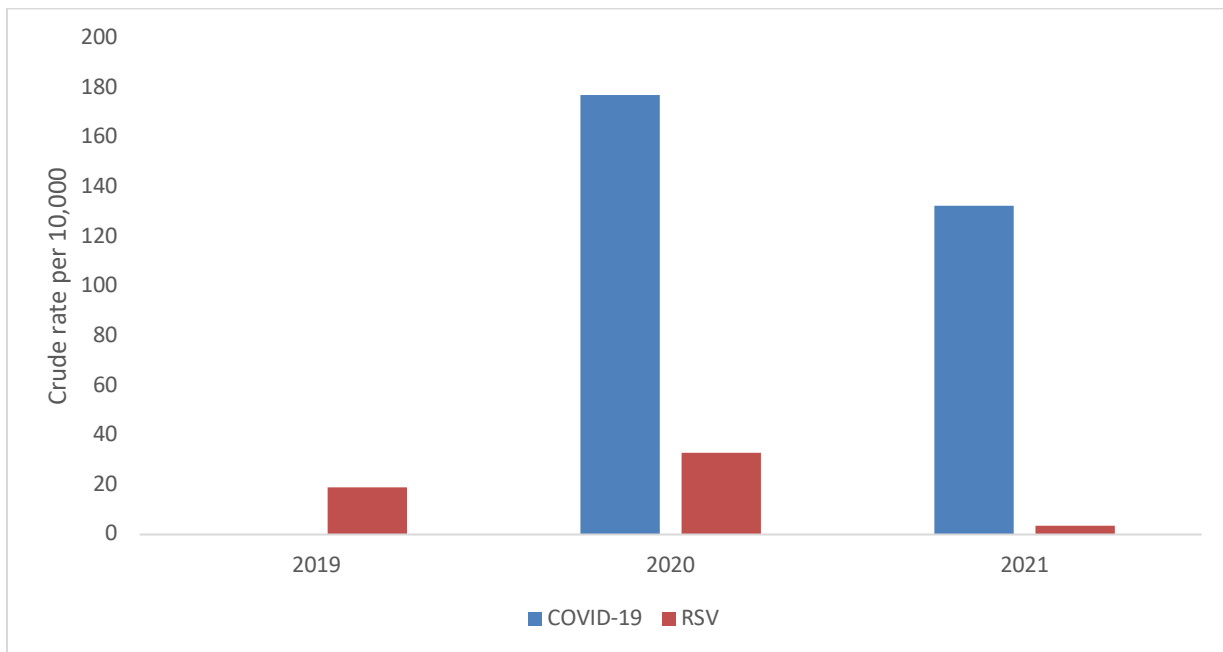


Chart 44 Navajo Special Infectious Diseases Hospitalization Rates, Both Genders

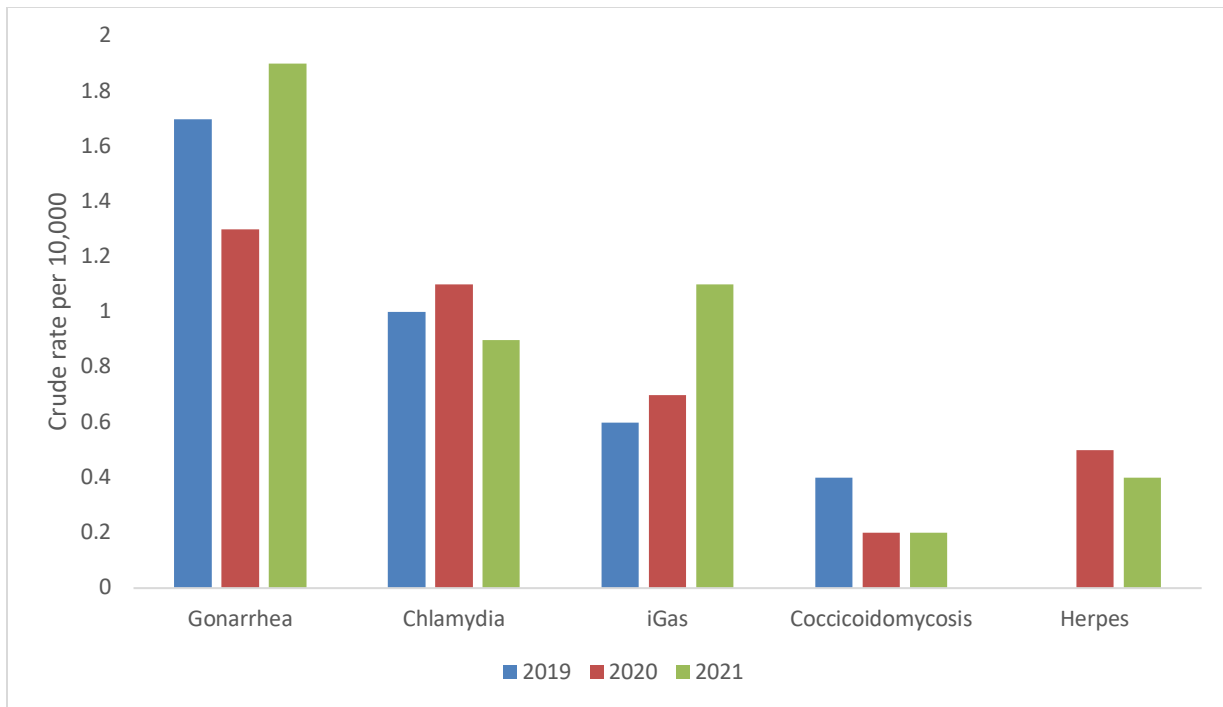


Chart 45 Navajo Special Infectious Diseases—Respiratory Diseases Hospitalization Rates, Both Genders

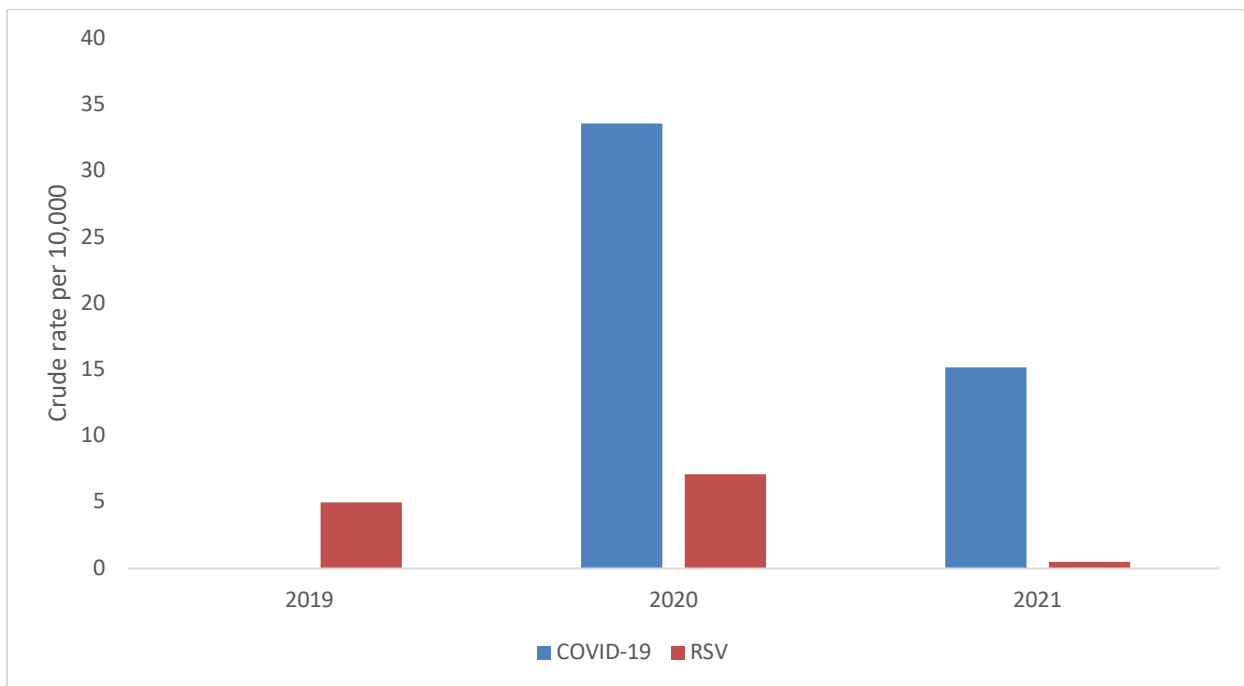


Table 99 Navajo Special Infectious Diseases ER Visit Rates

<b>Injury Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Plague</b>	0	0	0	0	↔
<b>Tularemia</b>	0	0	0	0	↔
<b>Group A Streptococcus</b>	0	0	NA	0	↔
<b>Gonococcal Infections</b>	4.43 (3.45, 5.41)	7.72	4.56	5.87	↔
<b>Chlamydia</b>	2.71 (1.97, 3.44)	3.07	1.75	2.67	↔
<b>Genital Herpes</b>	2.68 (1.89, 3.46)	3.80	3.24	2.99	↔
<b>Rocky Mountain Spotted Fever</b>	0	NA	0	0	↔
<b>West Nile Virus</b>	0	NA	0	0	↔
<b>Hanta Virus</b>	0	NA	NA	NA	NA
<b>Coccidioidomycosis</b>	0.28 (0.03, 0.52)	0.18	0.33	NA	NA
<b>RSV</b>	NA	17.11	30.29	3.54	NA
<b>COVID-19</b>	NA	NA	189.5	138.0	NA

Table 100 Navajo Special Infectious Diseases ER Visit Rates, by Gender

<b>Injury Type</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	Female	Male	Female	Male	Female	Male
<b>Plague</b>	0	0	0	0	0	0
<b>Tularemia</b>	0	0	0	0	0	0
<b>Group A Streptococcus</b>	0	0	NA	0	0	0
<b>Gonococcal Infections</b>	6.51	8.98	4.10	5.05	5.90	5.83
<b>Chlamydia</b>	3.85	2.26	2.16	1.31	3.78	1.51
<b>Genital Herpes</b>	4.20	3.38	3.24	3.24	3.71	2.24
<b>Rocky Mountain Spotted Fever</b>	0	NA	0	0	0	0
<b>West Nile Virus</b>	0	0	0	0	0	NA
<b>Hanta Virus</b>	NA	0	0	NA	0	NA
<b>Coccidioidomycosis</b>	NA	NA	NA	NA	0	NA
<b>RSV</b>	15.22	19.08	29.26	31.37	2.38	4.74
<b>COVID-19</b>	NA	NA	195.9	182.9	145.0	130.8

Table 101 Navajo Special Infectious Diseases Hospitalization Rates

<b>Injury Type</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Movement</b>
<b>Plague</b>	0	0	0	0	↔
<b>Tularemia</b>	0	0	0	0	↔
<b>Group A Streptococcus</b>	1.12 (0.64, 1.61)	0.64	0.66	1.16	↔
<b>Gonococcal Infections</b>	1.61 (0.97, 2.24)	1.86	1.49	2.20	↔
<b>Chlamydia</b>	1.10 (0.60, 1.59)	1.00	1.08	1.01	↔
<b>Genital Herpes</b>	0.39 (0.07, 0.71)	NA	0.51	0.40	↔
<b>Rocky Mountain Spotted Fever</b>	NA	0	0	0	NA
<b>West Nile Virus</b>	0	0	0	0	↔
<b>Hanta Virus</b>	NA	0	0	0	NA
<b>Coccidioidomycosis</b>	0.57 (0.21, 0.94)	0.42	0.28	0.27	↔
<b>RSV</b>	NA	4.42	6.62	0.43	NA
<b>COVID-19</b>	NA	NA	35.45	15.85	NA

Table 102 Navajo Special Infectious Diseases Hospitalization Rates, by Gender

<b>Injury Type</b>	<b>2019</b>		<b>2020</b>		<b>2021</b>	
	Female	Male	Female	Male	Female	Male
<b>Plague</b>	0	0	0	0	0	0
<b>Tularemia</b>	0	0	0	0	0	0
<b>Group A Streptococcus</b>	0.56	0.73	0.75	0.56	1.21	1.10
<b>Gonococcal Infections</b>	2.07	1.65	2.00	0.97	2.87	1.51
<b>Chlamydia</b>	1.44	0.55	1.77	0.37	1.57	NA
<b>Genital Herpes</b>	NA	NA	0.89	NA	0.68	NA
<b>Rocky Mountain Spotted Fever</b>	0	0	0	0	0	0
<b>West Nile Virus</b>	0	0	0	0	0	0
<b>Hanta Virus</b>	0	0	0	0	0	0
<b>Coccidioidomycosis</b>	0.56	NA	NA	NA	NA	0.55
<b>RSV</b>	3.87	5.01	6.26	7.00	NA	0.64
<b>COVID-19</b>	NA	NA	38.09	32.71	16.03	15.66



Table 103 Navajo Special Infectious Diseases Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2019

<b>Injury Type</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Plague (N=1)</b>			
<b>Tularemia (N=1)</b>			
<b>Group A Streptococcus (N=25)</b>	52.0%	0%	0%
<b>Gonococcal Infections (N=589)</b>	5.9%	25.6%	8.1%
<b>Chlamydia (N=471)</b>	4.5%	13.6%	5.3%
<b>Genital Herpes (N=292)</b>	0.7%	25.3%	4.1%
<b>Rocky Mountain Spotted Fever (N=4)</b>			
<b>West Nile Virus (N=2)</b>			
<b>Hanta Virus (N=6)</b>	0%	16.7%	0%
<b>Coccidioidomycosis (N=80)</b>	10.0%	5.0%	3.8%
<b>RSV (N=901)</b>	11.7%	44.6%	5.4%
<b>COVID-19</b>	NA	NA	NA

Table 104 Navajo Special Infectious Diseases Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2020

<b>Injury Type</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Plague (N=1)</b>			
<b>Tularemia (N=0)</b>			
<b>Group A Streptococcus (N=24)</b>	58.3%	4.2%	0%
<b>Gonococcal Infections (N=418)</b>	6.7%	22.0%	8.1%
<b>Chlamydia (N=305)</b>	7.5%	12.1%	5.6%
<b>Genital Herpes (N=208)</b>	4.8%	30.3%	2.9%
<b>Rocky Mountain Spotted Fever (N=0)</b>			
<b>West Nile Virus (N=0)</b>			
<b>Hanta Virus (N=6)</b>	0%	16.7%	0%
<b>Coccidioidomycosis (N=46)</b>	10.9%	13.0%	4.3%
<b>RSV (N=1325)</b>	11.4%	52.8%	2.5%
<b>COVID-19 (N=26,631)</b>	2.7%	14.1%	2.0%

Table 105 Navajo Special Infectious Diseases Distribution of Clinic Site (Hospitalization, ER, Urgent Care, All Other) 2021

<b>Injury Type</b>	<b>Hospitalization</b>	<b>ER</b>	<b>Urgent Care</b>
<b>Plague (N=0)</b>			
<b>Tularemia (N=0)</b>			
<b>Group A Streptococcus (N=26)</b>	88.5%	0%	0%
<b>Gonococcal Infections (N=459)</b>	8.7%	24.4%	5.4%
<b>Chlamydia (N=355)</b>	5.6%	15.5%	2.0%
<b>Genital Herpes (N=227)</b>	4.0%	24.7%	4.0%
<b>Rocky Mountain Spotted Fever (N=2)</b>			
<b>West Nile Virus (N=2)</b>			
<b>Hanta Virus (N=2)</b>			
<b>Coccidioidomycosis (N=60)</b>	8.3%	3.3%	0%
<b>RSV (N=136)</b>	7.4%	55.9%	2.9%
<b>COVID-19 (N=21,450)</b>	1.5%	13.2%	1.3%

## Appendix

Table A-1 NCHS 113 ICD-10 Definitions

<b>Infectious Diseases</b>	
<b>Health Condition</b>	<b>ICD-10 Codes</b>
<b>Salmonella</b>	A01-A02
<b>Shigellosis and amebiasis</b>	A03, A06
<b>Certain other intestinal infections</b>	A04, A07-A09
<b>Respiratory tuberculosis</b>	A16
<b>Other tuberculosis</b>	A17-A19
<b>Pertussis (Whooping Cough)</b>	A37
<b>Scarlet fever and erysipelas</b>	A38, A46
<b>Meningococcal infection</b>	A39
<b>Septicemia</b>	A40-A41
<b>Syphilis</b>	A50-A53
<b>Acute Poliomyelitis</b>	A80
<b>Arthropod-borne viral encephalitis</b>	A83-A84, A85.2
<b>Measles</b>	B05
<b>Viral Hepatitis</b>	B15-B19
<b>Human immunodeficiency virus (HIV) disease</b>	B20-B24
<b>Malaria</b>	B50-B54
<b>Other and unspecified infectious and parasitic diseases and their sequelae</b>	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99
<b>Malignant Neoplasms</b>	
<b>Malignant neoplasms of lip, oral cavity and pharynx</b>	C00-C14
<b>Malignant neoplasms of esophagus</b>	C15
<b>Malignant neoplasms of stomach</b>	C16
<b>Malignant neoplasms of colon, rectum and anus</b>	C18-C21
<b>Malignant neoplasms of liver and intrahepatic bile ducts</b>	C22
<b>Malignant neoplasm of pancreas</b>	C25
<b>Malignant neoplasm of larynx</b>	C32
<b>Malignant neoplasms of trachea, bronchus and lung</b>	C33-C34
<b>Malignant melanoma of skin</b>	C43
<b>Malignant neoplasm of breast</b>	C50
<b>Malignant neoplasm of cervix uteri</b>	C53
<b>Malignant neoplasms of corpus uteri and uterus, part unspecified</b>	C54-C55
<b>Malignant neoplasm of ovary</b>	C56
<b>Malignant neoplasm of prostate</b>	C61
<b>Malignant neoplasms of kidney and renal pelvis</b>	C64-C65
<b>Malignant neoplasm of bladder</b>	C67
<b>Malignant neoplasms of meninges, brain and other parts of central nervous system</b>	C70-C72
<b>Hodgkin's disease</b>	C81

<b>Non-Hodgkin's lymphoma</b>	C82-C85
<b>Leukemia</b>	C91-C95
<b>Multiple myeloma and immunoproliferative neoplasms</b>	C88, C90
<b>Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue</b>	C96
<b>All other and unspecified malignant neoplasms</b>	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97
<b>Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism</b>	
<b>In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior</b>	D00-D48
<b>Anemias</b>	D50-D64
<b>Endocrine, nutritional and metabolic diseases</b>	
<b>Diabetes Mellitus</b>	E10-E14
<b>Malnutrition</b>	E40-E46
<b>Other nutritional deficiencies</b>	E50-E64
<b>Mental and behavioral disorders</b>	
<b>Meningitis</b>	G00, G03
<b>Parkinson's disease</b>	G20-G21
<b>Alzheimer's disease</b>	G30
<b>Diseases of the circulatory system</b>	
<b>Acute rheumatic fever and chronic rheumatic heart diseases</b>	I00-I09
<b>Hypertensive heart disease</b>	I11
<b>Hypertensive heart and renal disease</b>	I13
<b>Acute myocardial infarction</b>	I21-I22
<b>Other acute ischemic heart diseases</b>	I24
<b>Atherosclerotic cardiovascular disease, so described</b>	I25.0
<b>All other forms of chronic ischemic heart disease</b>	I20, I25.1-I25.9
<b>Acute and subacute endocarditis</b>	I33
<b>Acute and subacute endocarditis</b>	I30-I31, I40
<b>Heart failure</b>	I50
<b>All other forms of heart disease</b>	I26-I28, I34-I38, I42-I49, I51
<b>Essential (primary) hypertension and hypertensive renal disease</b>	I10, I12
<b>Cerebrovascular diseases</b>	I60-I69
<b>Atherosclerosis</b>	I70
<b>Aortic aneurysm and dissection</b>	I71
<b>Other diseases of arteries, arterioles and capillaries</b>	I72-I78
<b>Other disorders of circulatory system</b>	I80-I99
<b>Diseases of the respiratory system</b>	
<b>Influenza</b>	J09-J11
<b>Pneumonia</b>	J12-J18
<b>Acute bronchitis and bronchiolitis</b>	J20-J21

<b>Unspecified acute lower respiratory infection</b>	J22
<b>Bronchitis, chronic and unspecified</b>	J40-J42
<b>Emphysema</b>	J43
<b>Asthma</b>	J45-J46
<b>Other chronic lower respiratory diseases</b>	J44, J47
<b>Pneumoconiosis and chemical effects</b>	J60-J66, J68
<b>Pneumonitis due to solids and liquids</b>	J69
<b>Other diseases of respiratory system</b>	J00-J06, J30-J39, J67, J70-J98
<b>Diseases of the digestive system</b>	
<b>Peptic ulcer</b>	K25-K28
<b>Diseases of appendix</b>	K35-K38
<b>Hernia</b>	K40-K46
<b>Alcoholic liver disease</b>	K70
<b>Other chronic liver disease and cirrhosis</b>	K73-K74
<b>Cholelithiasis and other disorders of gallbladder</b>	K80-K82
<b>Diseases of the genitourinary system</b>	
<b>Cholelithiasis and other disorders of gallbladder</b>	N00-N01, N04
<b>Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified</b>	N02-N03, N05-N07, N26
<b>Renal Failure</b>	N17-N19
<b>Other disorders of kidney</b>	N25, N27
<b>Infections of kidney</b>	N10-N12, N13.6, N15.1
<b>Hyperplasia of prostate</b>	N40
<b>Inflammatory diseases of female pelvic organs</b>	N70-N76
<b>Pregnancy, childbirth and the puerperium</b>	
<b>Pregnancy with abortive outcome</b>	O00-O07
<b>Other complications of pregnancy, childbirth and the puerperium</b>	O10-O99
<b>Certain conditions originating in the perinatal period</b>	
<b>Certain conditions originating in the perinatal period</b>	P00-P96
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	Q00-Q99
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	R00-R99
<b>All other diseases (Residual)</b>	
<b>All other diseases (Residual)</b>	All Codes not specified for the other health conditions
<b>External causes of morbidity and mortality</b>	
<b>Motor Vehicle Crash</b>	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-

	V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
<b>Unintentional injury: Other land transport</b>	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9
<b>Unintentional injury: Water, air and space, and other transport</b>	V90-V99, Y85
<b>Falls</b>	W00-W19
<b>Accidental discharge of firearms</b>	W32-W34
<b>Accidental drowning and submersion</b>	W65-W74
<b>Accidental exposure to smoke, fire and flames</b>	X00-X09
<b>Accidental poisoning and exposure to noxious substances</b>	X40-X49
<b>Other and unspecified non-transport accidents and their sequelae</b>	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86
<b>Intentional self-harm (suicide) by discharge of firearms</b>	X72-X74
<b>Intentional self-harm (suicide) by other and unspecified means and their sequelae</b>	X60-X71, X75-X84, Y87.0
<b>Assault (homicide) by discharge of firearms</b>	X93-X95
<b>Assault (homicide) by other and unspecified means and their sequelae</b>	X85-X92, X96-Y09, Y87.1
<b>Legal intervention</b>	Y35, Y89.0
<b>Discharge of firearms, undetermined intent</b>	Y22-Y24
<b>Other and unspecified events of undetermined intent and their sequelae</b>	Y10-Y21, Y25-Y34, Y87.2, Y89.9
<b>Operations of war and their sequelae</b>	Y36, Y89.1
<b>Complications of medical and surgical care</b>	Y40-Y84, Y88

Table A-2 Navajo Special Health Conditions

<b>Infectious Diseases</b>	
<b>Health Condition</b>	<b>ICD-10 Code</b>
<b>Plague</b>	A20
<b>Tularemia</b>	A21
<b>Group A Streptococcus</b>	A40.0
<b>Gonococcal Infections</b>	A54
<b>Chlamydia</b>	A55-A56
<b>Genital Herpes</b>	A60
<b>Rocky Mountain Spotted Fever</b>	A77
<b>West Nile Virus</b>	A92.3
<b>Hanta Virus</b>	B33.4
<b>Coccidioidomycosis</b>	B38
<b>RSV</b>	B97.4, J12.1, J20.5, J21.0
<b>COVID-19</b>	U07.1, U09.9
<b>Mental and behavioral disorders</b>	
<b>Dementia</b>	F01-F03

<b>Depression</b>	F32-F33
<b>Anxiety</b>	F41

Table A-3 Leading Causes of “Other Infection” Hospitalization, 2019

Code	Count	Description	Cumulative Percent of total
<b>B96.20</b>	256	Unspecified E. coli	18.4%
<b>B95.61</b>	121	Methicillin susceptible Staphylococcus aureus infection as the cause of diseases classified elsewhere	27.1%
<b>B96.89</b>	107	Other specified bacterial agents as the cause of diseases classified elsewhere	34.8%
<b>B95.1</b>	95	Streptococcus, group B, as the cause of diseases classified elsewhere	41.7%
<b>B96.1</b>	87	Klebsiella pneumoniae [K. pneumoniae] as the cause of diseases classified elsewhere	47.9%
<b>B95.0</b>	53	Streptococcus, group A, as the cause of diseases classified elsewhere	51.8%
<b>B95.62</b>	51	Methicillin resistant Staphylococcus aureus infection as the cause of diseases classified elsewhere	55.4%
<b>B95.2</b>	49	Enterococcus as the cause of diseases classified elsewhere	59.0%
<b>B95.4</b>	47	Other streptococcus as the cause of diseases classified elsewhere	62.3%
<b>B95.7</b>	47	Other staphylococcus as the cause of diseases classified elsewhere	65.7%
<b>B96.29</b>	43	Other Escherichia coli [E. coli] as the cause of diseases classified elsewhere	68.8%
<b>B35.3</b>	31	Tinea pedis (athlete's foot)	71.1%
<b>B34.9</b>	25	Viral infection, unspecified	72.9%
<b>B35.1</b>	23	Tinea unguium (Nail fungus)	74.5%
<b>B96.5</b>	22	Pseudomonas (aeruginosa) (mallei) (pseudomallei) as the cause of diseases classified elsewhere	76.1%
<b>B96.4</b>	21	Proteus (mirabilis) (morganii) as the cause of diseases classified elsewhere	77.6%
<b>B37.0</b>	20	Candidal stomatitis (Oral thrush)	79.0%
<b>A48.0</b>	15	Gas Gangrene	80.1%
<b>B95.8</b>	14	Unspecified staphylococcus as the cause of disease elsewhere classified	81.1%
<b>B34.8</b>	13	Other viral infections of unspecified site	82.1%
<b>B95.5</b>	13	Unspecified streptococcus as the cause of disease elsewhere classified	83.0%

Table A-4 Leading Causes of “Other Infection” Hospitalization, 2020

Code	Count	Description	Cumulative Percent of total
<b>B96.20</b>	312	Unspecified E. coli	20.3%
<b>B95.61</b>	128	Methicillin susceptible Staphylococcus aureus infection as the cause of diseases classified elsewhere	28.6%
<b>B95.1</b>	128	Streptococcus, group B, as the cause of diseases classified elsewhere	36.9%
<b>B96.1</b>	113	Klebsiella pneumoniae [K. pneumoniae] as the cause of diseases classified elsewhere	44.3%
<b>B96.89</b>	82	Other specified bacterial agents as the cause of diseases classified elsewhere	49.6%
<b>B95.2</b>	62	Enterococcus as the cause of diseases classified elsewhere	53.6%
<b>B95.62</b>	46	Methicillin resistant Staphylococcus aureus infection as the cause of diseases classified elsewhere	56.6%
<b>B95.0</b>	38	Streptococcus, group A, as the cause of diseases classified elsewhere	59.1%
<b>B95.7</b>	36	Other staphylococcus as the cause of diseases classified elsewhere	61.4%
<b>B35.3</b>	35	Tinea pedis (athlete's foot)	63.7%
<b>B37.3</b>	33	Candidiasis of vulva and vagina	65.8%
<b>B95.4</b>	32	Other streptococcus as the cause of diseases classified elsewhere	67.9%
<b>B96.5</b>	29	Pseudomonas (aeruginosa) (mallei) (pseudomallei) as the cause of diseases classified elsewhere	69.8%
<b>B96.4</b>	27	Proteus (mirabilis) (morganii) as the cause of diseases classified elsewhere	71.5%
<b>B34.2</b>	26	Coronavirus infection	73.2%
<b>B34.9</b>	24	Viral infection, unspecified	74.8%
<b>B37.0</b>	24	Candidal stomatitis (Oral thrush)	76.3%
<b>B35.1</b>	23	Tinea unguium (Nail fungus)	77.8%
<b>B96.81</b>	20	Helicobacter pylori as the cause of diseases classified elsewhere	79.1%
<b>B97.4</b>	18	RSV as the cause of diseases classified elsewhere	80.3%



Table A-5 Leading Causes of “Other Infection” Hospitalization, 2021

Code	Count	Description	Cumulative Percent of total
<b>B96.20</b>	337	Unspecified E. coli	21.01%
<b>B95.61</b>	138	Methicillin susceptible Staphylococcus aureus infection as the cause of diseases classified elsewhere	8.60%
<b>B95.1</b>	109	Streptococcus, group B, as the cause of diseases classified elsewhere	6.80%
<b>B96.1</b>	107	Klebsiella pneumoniae [K. pneumoniae] as the cause of diseases classified elsewhere	6.67%
<b>B96.89</b>	89	Other specified bacterial agents as the cause of diseases classified elsewhere	5.55%
<b>B95.0</b>	70	Streptococcus, group A, as the cause of diseases classified elsewhere	4.36%
<b>B95.2</b>	61	Enterococcus as the cause of diseases classified elsewhere	3.80%
<b>B34.8</b>	48	Other viral infections of unspecified site	2.99%
<b>B95.62</b>	47	Methicillin resistant Staphylococcus aureus infection as the cause of diseases classified elsewhere	2.93%
<b>B96.5</b>	38	Pseudomonas (aeruginosa) (mallei) (pseudomallei) as the cause of diseases classified elsewhere	2.37%
<b>B95.7</b>	36	Other staphylococcus as the cause of diseases classified elsewhere	2.24%
<b>B35.3</b>	35	Tinea pedis (athlete's foot)	2.18%
<b>B95.4</b>	35	Other streptococcus as the cause of diseases classified elsewhere	2.18%
<b>B96.4</b>	32	Proteus (mirabilis) (morganii) as the cause of diseases classified elsewhere	2.00%
<b>B96.81</b>	30	Helicobacter pylori as the cause of diseases classified elsewhere	1.87%
<b>B37.2</b>	27	Candidiasis of skin and nail	1.68%
<b>B37.3</b>	25	Candidiasis of vulva and vagina	1.56%
<b>A74.9</b>	22	Chlamydial infection unspecified	1.37%
<b>B35.1</b>	20	Tinea unguium (Nail fungus)	1.25%
<b>B37.0</b>	19	Candidal stomatitis (Oral thrush)	1.18%

Table A-6 Leading Cause of Other Respiratory Disease Emergency Room Visits, 2019

Code	Count	Description	Percent of Total
<b>J02.0-J02.9</b>	6,323	Acute pharyngitis	29.59%
<b>J06-J06.9</b>	5,757	Acute upper respiratory infections of multiple and unspecified sites	26.94%
<b>J30.0-J30.9</b>	1,783	Vasomotor and allergic rhinitis	8.34%
<b>J01.00-J01.91</b>	1,641	Acute sinusitis	7.68%
<b>J00</b>	1,506	Acute nasopharyngitis	7.05%
<b>J32.0-J32.9</b>	1,054	Chronic sinusitis	4.93%
<b>J03.00-J03.91</b>	636	Acute tonsillitis	2.98%
<b>J34.0-J34.9</b>	580	Other specified disorders of nose and nasal sinuses	2.71%
<b>J31.0-J31.2</b>	227	Chronic rhinitis, nasopharyngitis, and pharyngitis	1.06%
<b>J05.0-05.10</b>	226	Croup and epiglottitis	1.06%
<b>J98.01</b>	214	Acute Bronchospasm	1.0%
<b>J04.0-J04.10</b>	202	Acute laryngitis and tracheitis	0.95%

Table A-7 Leading Cause of Other Respiratory Disease Emergency Room Visits, 2020

Code	Count	Description	Percent of Total
<b>J02.0-J02.9</b>	3,884	Acute pharyngitis	29.3%
<b>J06-J06.9</b>	3,488	Acute upper respiratory infections of multiple and unspecified sites	26.3%
<b>J30.0-J30.9</b>	1,098	Vasomotor and allergic rhinitis	8.3%
<b>J00</b>	824	Acute nasopharyngitis	6.2%
<b>J01.00-J01.91</b>	720	Acute sinusitis	5.4%
<b>J96.00-J96.92</b>	704	Respiratory failure	5.3%
<b>J32.0-J32.9</b>	545	Chronic sinusitis	4.1%
<b>J34.0-J34.9</b>	417	Other specified disorders of nose and nasal sinuses	3.2%
<b>J03.00-J03.91</b>	307	Acute tonsillitis	2.3%
<b>J31.0-J31.2</b>	167	Chronic rhinitis, nasopharyngitis, and pharyngitis	1.3%
<b>J90.0</b>	152	Pleural effusion, not elsewhere classified	1.2%
<b>J98.01</b>	128	Acute Bronchospasm	1.0%

Table A-8 Leading Cause of Other Respiratory Disease Emergency Room Visits, 2021

Code	Count	Description	Percent of Total
<b>J02.0-J02.9</b>	2,738	Acute pharyngitis	28.99%
<b>J06-J06.9</b>	2,079	Acute upper respiratory infections of multiple and unspecified sites	22.01%
<b>J30.0-J30.9</b>	1,071	Vasomotor and allergic rhinitis	11.34%
<b>J96.00-J96.92</b>	557	Respiratory failure	5.90%
<b>J00</b>	467	Acute nasopharyngitis	4.94%
<b>J01.00-J01.91</b>	389	Acute sinusitis	4.12%
<b>J34.0-J34.9</b>	387	Other specified disorders of nose and nasal sinuses	4.10%
<b>J32.0-J32.9</b>	324	Chronic sinusitis	3.43%
<b>J31.0-J31.2</b>	283	Chronic rhinitis, nasopharyngitis, and pharyngitis	3.00%
<b>J03.00-J03.91</b>	231	Acute tonsillitis	2.45%
<b>J90.0</b>	166	Pleural effusion, not elsewhere classified	1.76%

Table A-9 Other Respiratory Disease Hospitalization, 2019

Code	Count	Description	Percent of Total
J96.01	115	Acute respiratory failure with hypoxia	15.4%
J80.	66	Acute respiratory distress syndrome	8.8%
J90.	46	Pleural effusion, not elsewhere classified	6.1%
J98.11	40	Atelectasis	5.3%
J06.9	35	Acute upper respiratory infection, unspecified	4.7%
J96.21	35	Acute and chronic respiratory failure with hypoxia	4.7%
J96.91	32	Respiratory failure, unspecified with hypoxia	4.3%
J84.10	26	Pulmonary fibrosis, unspecified	3.5%
J96.11	26	Chronic respiratory failure with hypoxia	3.5%
J96.00	20	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	2.7%
J91.8	18	Pleural effusion in other conditions classified elsewhere	2.4%
J98.4	17	Other disorders of lung	2.3%
J02.9	17	Acute pharyngitis, unspecified	2.3%
J81.1	15	Chronic pulmonary edema	2.0%
J96.90	15	Respiratory failure, unspecified	2.0%
J02.0	14	Streptococcal pharyngitis	1.9%
J30.9	12	Allergic rhinitis, unspecified	1.6%
J1.0-J1.9	12	Acute sinusitis	1.6%
J84.9	10	Interstitial pulmonary disease, unspecified	1.3%
J96.02	10	Acute respiratory failure with hypercapnia	1.3%
J30.2	9	Other seasonal allergic rhinitis	1.2%

Table A-10 Other Respiratory Disease Hospitalization, 2020

Code	Count	Description	Percent of Total
J96.01	1,008	Acute respiratory failure with hypoxia	52.7%
J80.	107	Acute respiratory distress syndrome	5.6%
J96.91	93	Respiratory failure, unspecified with hypoxia	4.9%
J98.11	71	Atelectasis	3.7%
J90.	62	Pleural effusion, not elsewhere classified	3.2%
J96.21	43	Acute and chronic respiratory failure with hypoxia	2.3%
J02.9	30	Acute pharyngitis, unspecified	1.6%
J96.11	30	Chronic respiratory failure with hypoxia	1.6%
J84.10	29	Pulmonary fibrosis, unspecified	1.5%
J98.4	28	Other disorders of lung	1.5%
J96.00	27	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	1.4%
J30.9	26	Allergic rhinitis, unspecified	1.4%
J06.9	25	Acute upper respiratory infection, unspecified	1.3%
J30.2	23	Other seasonal allergic rhinitis	1.2%

Table A-11 Other Respiratory Disease Hospitalization, 2021

Code	Count	Description	Percent of Total
J96.01	619	Acute respiratory failure with hypoxia	41.4%
J98.11	109	Atelectasis	7.3%
J90.	78	Pleural effusion, not elsewhere classified	5.2%
J96.91	62	Respiratory failure, unspecified with hypoxia	4.2%
J80.	43	Acute respiratory distress syndrome	2.9%
J96.21	43	Acute and chronic respiratory failure with hypoxia	2.9%
J84.10	36	Pulmonary fibrosis, unspecified	2.4%
J02.9	34	Acute pharyngitis, unspecified	2.3%
J96.11	33	Chronic respiratory failure with hypoxia	2.2%
J30.2	29	Other seasonal allergic rhinitis	1.9%
J84.9	29	Interstitial pulmonary disease, unspecified	1.9%
J98.4	26	Other disorders of lung	1.7%
J96.00	24	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	1.6%
J30.9	20	Allergic rhinitis, unspecified	1.3%
J06.9	17	Acute upper respiratory infection, unspecified	1.1%
J81.1	16	Chronic pulmonary edema	1.1%
J91.8	16	Pleural effusion in other conditions classified elsewhere	1.1%
J96.90	16	Respiratory failure, unspecified	1.1%

Table A-12 Leading cause of hospitalization due to Symptoms, signs and abnormal lab findings (2021)

Code	Count	Condition	Cumulative Percent
R09.02	509	Hypoxemia	7.7
R74.01	390	Elevation of levels of liver transaminase of the liver	13.5
R00.0	290	Tachycardia, unspecified	17.9
R73.03	289	Pre-diabetes	22.2
R79.89	201	Other specified abnormal findings of blood chemistry	25.3
R50.9	196	Fever, unspecified	28.2
R19.7	192	Diarrhea, unspecified	31.1
R53.1	161	Weakness	33.5
R78.81	140	Bacteremia	35.6
R79.82	139	Elevated C Reactive Protein	37.7
R11.2	131	Nausea and Vomiting	39.7
R94.31	117	Abnormal Echocardiogram	41.5
R79.1	107	Abnormal coagulation profile	43.1
R94.5	94	Abnormal results of liver function studies	44.5
R65.21	89	Severe sepsis with septic shock	45.8
R26.81	87	Unsteadiness on feet	47.1
R41.81	77	Altered mental status, unspecified	48.3
R53.81	77	Other Malaise	49.5
R00.1	75	Bradycardia	50.6

Table A-13 Leading Other Non-Transportation Injury Emergency Room Visits, 2019

Code	Count	Injury Type	Cumulative Percent
<b>X58.XXXA-X58.XXXS</b>	2,422	Exposure to other specified factors	18.3%
<b>W22.8XXA-W22.8XXS</b>	1,372	Striking against or struck by other objects	28.7%
<b>X50.0XXA-X50.0XXD</b>	1,279	Overexertion from strenuous movement or load	38.4%
<b>W54.0XXA-W54.0XXS</b>	871	Bitten by dog	45.0%
<b>X50.1XXA-X50.1XXD</b>	638	Overexertion from prolonged static or awkward postures	49.8%
<b>W57.XXXA-W57.XXXS</b>	563	Bitten or stung by nonvenomous insect and other nonvenomous arthropods	54.1%
<b>W20.8XXA-W20.8XXS</b>	522	Other cause of strike by thrown, projected or falling object	58.0%
<b>W45.8XXA-W45.8XXS</b>	513	Other foreign body or object entering through skin	61.9%
<b>W23.0XXA-W23.0XXS</b>	415	Caught, crushed, jammed, or pinched between moving objects	65.1%
<b>X50.3XXA-X50.3XXD</b>	369	Overexertion from repetitive movements	67.9%
<b>Table Continued on Next Page</b>			

Code	Count	Injury Type	Cumulative Percent
<b>W26.0XXA-W26.0XXS</b>	367	Contact with knife	70.7%
<b>W26.8XXA-W26.8XXD</b>	295	Contact with other sharp object(s), not elsewhere classified	72.9%
<b>W50.0XXA-W50.0XXD</b>	267	Accidental hit or strike by another person	74.9%
<b>W22.09XA-W22.09XS</b>	265	Striking against other stationary object	76.9%
<b>W25.XXXA-W25.XXXS</b>	222	Contact with sharp glass	78.6%
<b>X50.9XXA-X50.9XXD</b>	203	Other and unspecified overexertion or strenuous movements or postures	80.1%
<b>W45.0XXA-W45.0XXD</b>	184	Nail entering through the skin	81.5%
<b>W21.00XA-W21.09XA</b>	178	Struck by Hit or Thrown Ball	82.9%
<b>W23.1XXA-W23.1XXS</b>	159	Caught, crushed, jammed, or pinched between stationary objects	84.1%
<b>W26.9XXA-W26.9XXS</b>	146	Contact with unspecified sharp object	85.2%

Table A-14 Leading Other Non-Transportation Injury Emergency Room Visits, 2020

Code	Count	Injury Type	Cumulative Percent
<b>X58.XXXA-X58.XXXS</b>	1,493	Exposure to other specified factors	17.7%
<b>W22.8XXA-W22.8XXS</b>	887	Striking against or struck by other objects	28.3%
<b>X50.0XXA-X50.0XXD</b>	652	Overexertion from strenuous movement or load	36.0%
<b>W54.0XXA-W54.0XXS</b>	614	Bitten by dog	43.3%
<b>W20.8XXA-W20.8XXS</b>	360	Other cause of strike by thrown, projected or falling object	47.6%
<b>X50.1XXA-X50.1XXD</b>	346	Overexertion from prolonged static or awkward postures	52.7%
<b>W26.0XXA-W26.0XXS</b>	327	Contact with knife	55.5%
<b>W45.8XXA-W45.8XXS</b>	304	Other foreign body or object entering through skin	59.1%
<b>W23.0XXA-W23.0XXS</b>	296	Caught, crushed, jammed, or pinched between moving objects	62.7%
<b>W26.8XXA-W26.8XXD</b>	292	Contact with other sharp object(s), not elsewhere classified	66.1%
<b>W57.XXXA-W57.XXXS</b>	252	Bitten or stung by nonvenomous insect and other nonvenomous arthropods	69.1%
<b>W25.XXXA-W25.XXXS</b>	207	Contact with sharp glass	71.6%
<b>X50.3XXA-X50.3XXD</b>	203	Overexertion from repetitive movements	74.0%
<b>W22.09XA-W22.09XS</b>	194	Striking against other stationary object	76.3%
<b>W45.0XXA-W45.0XXD</b>	148	Nail entering through the skin	78.0%

**Table Continued on Next Page**

Code	Count	Injury Type	Cumulative Percent
<b>X50.9XXA-X50.9XXD</b>	125	Other and unspecified overexertion or strenuous movements or postures	79.5%
<b>W23.1XXA-W23.1XXS</b>	102	Caught, crushed, jammed, or pinched between stationary objects	80.7%
<b>W26.9XXA-W26.9XXS</b>	100	Contact with unspecified sharp object	81.9%

Table A-15 Leading Other Non-Transportation Injury Emergency Room Visits, 2021

Code	Count	Injury Type	Cumulative Percent
<b>X58.XXXA-X58.XXXS</b>	1,334	Exposure to other specified factors	15.4%
<b>W22.8XXA-W22.8XXS</b>	910	Striking against or struck by other objects	25.8%
<b>W54.0XXA-W54.0XXS</b>	741	Bitten by dog	34.3%
<b>X50.0XXA-X50.0XXD</b>	719	Overexertion from strenuous movement or load	42.6%
<b>W20.8XXA-W20.8XXS</b>	415	Other cause of strike by thrown, projected or falling object	47.4%
<b>X50.1XXA-X50.1XXD</b>	326	Overexertion from prolonged static or awkward postures	51.2%
<b>W26.0XXA-W26.0XXS</b>	324	Contact with knife	54.9%
<b>W26.8XXA-W26.8XXD</b>	293	Contact with other sharp object(s), not elsewhere classified	58.3%
<b>W45.8XXA-W45.8XXS</b>	292	Other foreign body or object entering through skin	61.5%
<b>W57.XXXA-W57.XXXS</b>	289	Bitten or stung by nonvenomous insect and other nonvenomous arthropods	64.9%
<b>W23.0XXA-W23.0XXS</b>	286	Caught, crushed, jammed, or pinched between moving objects	68.2%
<b>W22.09XA-W22.09XS</b>	212	Striking against other stationary object	70.6%
<b>X50.3XXA-X50.3XXD</b>	197	Overexertion from repetitive movements	72.9%
<b>W25.XXXA-W25.XXXS</b>	188	Contact with sharp glass	75.0%
<b>W45.0XXA-W45.0XXD</b>	149	Nail entering through the skin	76.7%
<b>X50.9XXA-X50.9XXD</b>	132	Other and unspecified overexertion or strenuous movements or postures	78.3%
<b>W26.9XXA-W26.9XXS</b>	123	Contact with unspecified sharp object	79.7%
<b>W23.1XXA-W23.1XXS</b>	116	Caught, crushed, jammed, or pinched between stationary objects	81.0%
<b>W50.0XXA-W50.0XXD</b>	105	Accidental hit or strike by another person	82.2%
<b>W55.01XA-W55.01XS</b>	95	Bitten by cat	83.4%



Table A-16 Leading Other Infections Emergency Room Visits, 2019

Code	Count	Description	Percent of Total
<b>B34.9</b>	2,620	Viral infection, unspecified	31.9%
<b>B35.3</b>	392	Tinea pedis (athlete's foot)	36.7%%
<b>B96.89</b>	388	Other specified bacterial agents as the cause of diseases classified elsewhere	41.4%
<b>B37.3</b>	375	Candidiasis of vagina or vulva	46.0%
<b>B02.9</b>	373	Zoster without complications	50.5%
<b>B96.20</b>	298	Unspecified E. coli	54.1%
<b>B35.4</b>	263	Tinea corporis (ringworm)	57.3%
<b>B97.4</b>	233	Respiratory syncytial virus as the cause of diseases classified elsewhere	60.2%
<b>B35.1</b>	218	Tinea unguium (Nail fungus)	62.8%
<b>B86.</b>	191	Scabies	65.2%
<b>B96.81</b>	167	Helicobacter pylori	67.2%
<b>B08.4</b>	164	Enteroviral vesicular stomatitis with exanthem	69.2%
<b>B37.0</b>	137	Candidal stomatitis (Oral thrush)	70.9%
<b>A74.9</b>	130	Chlamydial infection, unspecified	72.4%
<b>B85.0</b>	116	Pediculosis due to Pediculus humanus capitis (Head lice)	73.8%
<b>B09.</b>	113	Unspecified viral infection characterized by skin and mucous membrane lesions	75.2%
<b>B00.1</b>	111	Herpes viral vesicular dermatitis	76.6%
<b>B37.9</b>	106	Candidiasis unspecified	77.9%
<b>A05.9</b>	97	Bacterial foodborne intoxication	79.0%
<b>B37.2</b>	87	Candidiasis of skin and nail	80.1%
<b>B35.6</b>	82	Tinea cruris (Jock itch)	81.1%

Table A-17 Leading Other Infections Emergency Room Visits, 2020

Code	Count	Description	Percent of Total
<b>B34.9</b>	2,428	Viral infection, unspecified	37.5%
<b>B97.4</b>	447	Respiratory syncytial virus as the cause of diseases classified elsewhere	44.4%
<b>B96.20</b>	353	Unspecified E. coli	49.9%
<b>B02.9</b>	305	Zoster without complications	54.6%
<b>B96.89</b>	261	Other specified bacterial agents as the cause of diseases classified elsewhere	58.6%
<b>B37.3</b>	198	Candidiasis of vagina or vulva	61.7%
<b>B97.29</b>	195	Other coronavirus as the cause of disease not elsewhere classified	64.7%
<b>B35.3</b>	134	Tinea pedis (athlete's foot)	66.7%
<b>B35.4</b>	125	Tinea corpolis (ringworm)	68.7%
<b>B34.2</b>	120	Coronavirus infection	70.5%



Code	Count	Description	Percent of Total
<b>B96.81</b>	88	Helicobacter pylori	71.9%
<b>B86.</b>	83	Scabies	73.2%
<b>B37.0</b>	78	Candidal stomatitis (Oral thrush)	74.4%
<b>B37.9</b>	78	Candidiasis unspecified	75.6%
<b>B96.1</b>	75	Klebsiella pneumonia	76.7%
<b>A74.9</b>	72	Chlamydial infection, unspecified	77.8%
<b>B97.89</b>	70	Other viral agents as the cause of diseases classified elsewhere	78.9%
<b>B00.1</b>	67	Herpes viral vesicular dermatitis	79.9%

Table A-18 Leading Other Infections Emergency Room Visits, 2021

Code	Count	Description	Percent of Total
<b>B34.9</b>	1,747	Viral infection, unspecified	30.7%
<b>B96.20</b>	348	Unspecified E. coli	36.8%
<b>B34.8</b>	292	Other viral infections of unspecified site	41.9%
<b>B96.89</b>	258	Other specified bacterial agents as the cause of diseases classified elsewhere	46.4%
<b>B02.9</b>	242	Zoster without complications	50.7%
<b>B37.3</b>	216	Candidiasis of vagina or vulva	54.5%
<b>B35.3</b>	172	Tinea pedis (athlete's foot)	57.5%
<b>B37.9</b>	116	Candidiasis unspecified	59.5%
<b>B35.4</b>	101	Tinea corporis (ringworm)	61.3%
<b>A74.9</b>	95	Chlamydial infection, unspecified	63.0%
<b>B96.1</b>	95	Klebsiella pneumonia	64.6%
<b>A64.</b>	90	Unspecified sexually transmitted disease	66.2%
<b>A05.9</b>	87	Bacterial foodborne intoxication	67.7%
<b>B35.1</b>	83	Tinea unguium (Nail fungus)	69.2%
<b>B37.0</b>	77	Candidal stomatitis (Oral thrush)	70.5%
<b>B96.29</b>	73	Other Escherichia coli as the cause of disease classified elsewhere	71.8%
<b>B97.89</b>	69	Other viral agents as the cause of diseases classified elsewhere	73.0%
<b>B86.</b>	60	Scabies	74.1%
<b>B35.6</b>	56	Tinea cruris (Jock itch)	75.1%
<b>B95.0</b>	56	Streptococcus, group A, as the cause of diseases classified elsewhere	76.0%
<b>B00.1</b>	54	Herpes viral vesicular dermatitis	77.0%
<b>B97.4</b>	54	Respiratory syncytial virus as the cause of diseases classified elsewhere	77.9%