

Top twenty primary discharge diagnoses in the emergency room in Harris County, Texas in
2009:

Breakdown by age and payer source

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Introduction

Emergency department visits in the greater Houston area have been tracked for several years.¹ Even though reports based on the data have tabulated visits in various ways, there have been no attempts to determine whether diagnoses or conditions vary by payer source or by age. A report that related 2009 ER data to data from the 2009 American Community Survey found that population rates of ER visits were generally highest among non elderly Medicare enrollees, and that children on Medicaid had higher rates of visits than children with commercial insurance.² The present report is an attempt to address these issues and concerns by tabulating the top primary discharge diagnoses (as measured by the ICD9 code) separately for each age group/payer source interaction, with comparisons and observations made.

Methods

Data from the 24 hospitals that took part in the study of 2009 emergency department use was used. Analyses were restricted to visits by Harris County residents, and all visits were used regardless of discharge status. The divisions for age and payer source matched those of the rate setting report.² For the sake of simplicity, only the first three digits of an ICD9 code were used (e.g. 250 for diabetes, with no fourth digit for type of diabetes).³

In order to indicate the commonality among diagnoses, the following color coding system was used:

Yellow – This diagnosis is one of the top diagnoses for every payer source in every age group.

Green – This diagnosis is one of the top diagnoses for every payer source in this particular age group (e.g. elderly). Such a diagnosis may or may not also be found in the lists for other age groups.

Red – A pregnancy related diagnosis. These are found only among adults age 18 to 34.

White - All the remaining diagnoses. It may or may not be in common with another payer source in a particular age group, but it is not one of the most common for every payer source in a particular age group.

The following groups were excluded because of their low frequency: a) Medicare age 17 and under, b) CHIP age 35 to 64, c) CHIP age 65 and over, d) Other government and other private for all ages.

¹http://www.sph.uth.tmc.edu/uploadedFiles/Redesign_Website/Research/Research_Centers/Center_for_Health_Services_Research/HSRC/Final2009BegleyMonday.pdf

²http://www.sph.uth.tmc.edu/uploadedFiles/Redesign_Website/Research/Research_Centers/Center_for_Health_Services_Research/HSRC/Rates%20for%20select%20types%20of%20emergency%20department%20visits%20in%20Harris%20County.pdf

³ <http://icd9cm.chrisendres.com/index.php?action=contents>

Results

General/common

The following four diagnoses were consistently among the top twenty diagnoses for all age groups and all payer sources in this report (although often in a different order from each other): a) General symptoms (780), b) Other symptoms involving abdomen and pelvis (789), c) Respiratory symptoms (786), and d) Symptoms involving head and neck (784). The general category of respiratory symptoms in this case excludes specific respiratory diagnoses such as asthma and acute upper respiratory infection NOS.

Among children age 17 and under, out of the top twenty diagnoses, 15 were identical for each payer source (the 4 common, plus eleven others).

Among adults age 18 to 34, out of the top twenty diagnoses, 9 were identical for each payer source (the 4 common, plus five others).

Among adults age 35 to 64, out of the top twenty diagnoses, 9 were identical for each payer source (the 4 common, plus five others).

Among adults age 65 and over, out of the top twenty diagnoses, 10 were identical for each payer source (the 4 common, plus six others).

Specific

Various pregnancy related conditions (630-679) were among the top 20 for most payer sources age 18 to 34, with the exception of Medicare enrollees. The top three conditions for Medicaid and CHIP enrollees age 18 to 34 were the same three pregnancy related conditions – in the same order.

Acute upper respiratory infection NOS (465) was one of the top conditions for all payer sources for those age 34 and under. Among children it was one of the top three.

Diabetes mellitus (250) was one of the top conditions for all payer sources for adults age 35 and over.

Influenza (487) was one of the top conditions for all payer sources only for children.

Heart failure (428) was one of the top conditions for all payer sources among the elderly. Among other age groups, it was one of the top conditions for Medicare enrollees age 35 to 64.

Complications peculiar to certain specified procedures (996) was one of the most common conditions for Medicare enrollees age 18 and over. However, among the elderly, it was one of the most common conditions only among Medicare enrollees.

Medicare enrollees age 18 to 34 were the only ones in this report who had behavioral health diagnoses in their top 20: episodic mood disorders (296) and schizophrenic disorders (295).

The lack of a diagnosis was among the top 20 of all payer sources for adults age 18 to 34. However, among only the uninsured, it is one of the top *three* for all age groups. Some of these were people who left without being seen, and others with no primary diagnosis had a secondary diagnosis (indicating a possible coding problem).

Discussion

It is impossible to determine trends with only one year of data. For example, the high frequency of influenza visits among children may have been due to the outbreak of the H1N1 virus (e.g. “swine flu”) in 2009. However some conclusions are warranted.

The four diagnoses that were common to all ages and payer sources are under the ICD9 category of “signs, symptoms, and ill defined conditions.” In other words, there is not enough evidence in the emergency room to make a more definitive diagnosis. At best it can be said that a certain amount of diagnostic uncertainty is spread across all ages and payer sources.

The fact that fifteen of the top twenty diagnoses among children were common to all payer sources indicates that, when compared with adults, the diagnoses among children are often more alike than they are different. For example, asthma is one of the most common diagnoses among children with commercial insurance, children enrolled in Medicaid, children enrolled in CHIP, and children who are uninsured. However, in some cases the frequency for each diagnosis may vary. For acute upper respiratory infection NOS, 13,200 children on Medicaid were given the diagnosis, but only 2,677 children with commercial insurance were given the diagnosis. Therefore, certain diagnoses and payer sources are disproportionately represented among children.

Among adults age 18 and over, there were fewer diagnoses in common than among children. In addition, among adults age 18 to 34, many of the top diagnoses among Medicaid and CHIP enrollees were related to pregnancy, with fewer among the commercially insured and the uninsured, and none among Medicare enrollees. This may be due not only to the restrictive nature of Medicaid and CHIP eligibility among adults in Texas (e.g. CHIP perinatal), but also to lack of access to outpatient care in general and prenatal care in particular.

For every age group, certain diagnoses were found among every payer source. In other words, simply having commercial insurance will not prevent everyone from using the emergency room. Certain chronic conditions such as diabetes and asthma, by their very nature, may require occasional emergency room visits. Such visits can be minimized by patient education, peer support, and self care.

It is difficult to determine from the present data whether the diagnoses for non elderly Medicare enrollees were directly related to their disabilities. The emergency room data only indicated payer source (or lack thereof), and did not include a separate variable to indicate whether the person had a disability. However, the frequencies of diagnoses for such things as procedural complications and heart failure indicate the complex health needs of non elderly Medicare enrollees. As with Medicaid and CHIP enrollees, they may have difficulty accessing outpatient care in a timely manner, especially if they have fee for service Medicare vs. Medicare Advantage.

Table 1. Age 17 and under – commercially insured

Rank	ICD	Description	Frequency	Percent
1	780	General symptoms	5,151	7.9
2	873	Other open wound of head	3,059	4.7
3	465	Acute upper respiratory infections of multiple or unspecified sites	2,677	4.1
4	789	Other symptoms involving abdomen and pelvis	2,177	3.3
5	382	Suppurative and unspecified otitis media	2,057	3.2
6	787	Symptoms involving digestive system	1,800	2.8
7	493	Asthma	1,789	2.7
8	920	Contusion of face, scalp, and neck except eye(s)	1,621	2.5
9	079	Viral and chlamydial infection in conditions classified elsewhere and of unspecified site	1,503	2.3
10	786	Respiratory symptoms	1,497	2.3
11	959	Injury, other and unspecified	1,445	2.2
12	682	Other cellulitis and abscess	1,319	2.0
13	487	Influenza	1,308	2.0
14	462	Acute pharyngitis	1,123	1.7
15	486	Pneumonia, organism unspecified	1,112	1.7
16	813	Fracture of radius and ulna	1,099	1.7
17	558	Other and unspecified noninfectious gastroenteritis and colitis	1,066	1.6
18	466	Acute bronchitis and bronchiolitis	1,043	1.6
19	784	Symptoms involving head and neck	1,023	1.6
20	599	Other disorders of urethra and urinary tract	923	1.4

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 65,098

Percentage of total visits reflected on this page – 53.45%

Table 2. Age 17 and under – Medicaid

Rank	ICD	Description	Frequency	Percent
1	780	General symptoms	14,967	10.2
2	465	Acute upper respiratory infections of multiple or unspecified sites	13,200	9.0
3	382	Suppurative and unspecified otitis media	8,348	5.7
4	079	Viral and chlamydial infection in conditions classified elsewhere and of unspecified site	5,832	4.0
5	787	Symptoms involving digestive system	5,779	4.0
6	493	Asthma	3,832	2.6
7	873	Other open wound of head	3,694	2.5
8	466	Acute bronchitis and bronchiolitis	3,689	2.5
9	786	Respiratory symptoms	3,527	2.4
10	462	Acute pharyngitis	3,272	2.2
11	486	Pneumonia, organism unspecified	3,214	2.2
12	487	Influenza	3,116	2.1
13	789	Other symptoms involving abdomen and pelvis	3,065	2.1
14	682	Other cellulitis and abscess	3,043	2.1
15	558	Other and unspecified noninfectious gastroenteritis and colitis	2,857	2.0
16	599	Other disorders of urethra and urinary tract	2,483	1.7
17	920	Contusion of face, scalp, and neck except eye(s)	1,977	1.4
18	490	Bronchitis, not specified as acute or chronic	1,967	1.3
19	784	Symptoms involving head and neck	1,729	1.2
20	959	Injury, other and unspecified	1,653	1.1

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 146,055

Percentage of total visits reflected on this page – 62.47%

Table 3. Age 17 and under – CHIP

Rank	ICD	Description	Frequency	Percent
1	780	General symptoms	2,562	9.4
2	465	Acute upper respiratory infections of multiple or unspecified sites	2,031	7.5
3	787	Symptoms involving digestive system	1,142	4.2
4	382	Suppurative and unspecified otitis media	1,096	4.0
5	079	Viral and chlamydial infection in conditions classified elsewhere and of unspecified site	1,073	3.9
6	789	Other symptoms involving abdomen and pelvis	897	3.3
7	873	Other open wound of head	824	3.0
8	462	Acute pharyngitis	713	2.6
9	487	Influenza	704	2.6
10	786	Respiratory symptoms	626	2.3
11	466	Acute bronchitis and bronchiolitis	620	2.3
12	493	Asthma	588	2.2
13	599	Other disorders of urethra and urinary tract	509	1.9
14	682	Other cellulitis and abscess	485	1.8
15	486	Pneumonia, organism unspecified	484	1.8
16	784	Symptoms involving head and neck	408	1.5
17	490	Bronchitis, not specified as acute or chronic	405	1.5
18	920	Contusion of face, scalp, and neck except eye(s)	401	1.5
19	558	Other and unspecified noninfectious gastroenteritis and colitis	351	1.3
20	813	Fracture of radius and ulna	312	1.1

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 27,203

Percentage of total visits reflected on this page – 59.67%

Table 4. Age 17 and under – uninsured

Rank	ICD	Description	Frequency	Percent
1	780	General symptoms	4,760	9.4
2	465	Acute upper respiratory infections of multiple or unspecified sites	3,475	6.8
3		(no diagnosis)	2,101	4.1
4	382	Suppurative and unspecified otitis media	1,866	3.7
5	786	Respiratory symptoms	1,746	3.4
6	079	Viral and chlamydial infection in conditions classified elsewhere and of unspecified site	1,677	3.3
7	787	Symptoms involving digestive system	1,590	3.1
8	873	Other open wound of head	1,568	3.1
9	789	Other symptoms involving abdomen and pelvis	1,437	2.8
10	462	Acute pharyngitis	1,128	2.2
11	V68	Encounters for administrative purposes	1,087	2.1
12	784	Symptoms involving head and neck	1,043	2.1
13	682	Other cellulitis and abscess	946	1.9
14	493	Asthma	912	1.8
15	V71	Observation and evaluation for suspected conditions not found	895	1.8
16	487	Influenza	875	1.7
17	920	Contusion of face, scalp, and neck except eye(s)	829	1.6
18	959	Injury, other and unspecified	825	1.6
19	599	Other disorders of urethra and urinary tract	670	1.3
20	782	Symptoms involving skin and other integumentary tissue	655	1.3

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 50,807

Percentage of total visits reflected on this page – 59.21%

Table 5. Age 18-34 commercial

Rank	ICD	Description	Frequency	Percent
1	789	Other symptoms involving abdomen and pelvis	3,677	6.2
2	786	Symptoms involving respiratory system and other chest symptoms	3,154	5.3
3	780	General symptoms	1,856	3.1
4	847	Sprains and strains of other and unspecified parts of back	1,770	3.0
5	784	Symptoms involving head and neck	1,701	2.9
6	682	Other cellulitis and abscess	1,483	2.5
7	599	Other disorders of urethra and urinary tract	1,429	2.4
8		(no diagnosis)	1,309	2.2
9	648	Other current conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth, or the puerperium	1,250	2.1
10	640	Hemorrhage in early pregnancy	1,221	2.1
11	787	Symptoms involving digestive system	1,078	1.8
12	592	Chronic glomerulonephritis	979	1.7
13	724	Other and unspecified disorders of back	952	1.6
14	462	Acute pharyngitis	860	1.5
15	873	Other open wound of head	827	1.4
16	845	Sprains and strains of ankle and foot	802	1.4
17	465	Acute upper respiratory infections of multiple or unspecified sites	794	1.3
18	466	Acute bronchitis and bronchiolitis	660	1.1
19	558	Other and unspecified noninfectious gastroenteritis and colitis	624	1.1
20	646	Other complications of pregnancy, not elsewhere classified	603	1.0

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Red – pregnancy related diagnosis

Total visits for this group – 59,055

Percentage of total visits reflected on this page – 45.77%

Table 6. Age 18-34 Medicaid

Rank	ICD	Description	Frequency	Percent
1	648	Other current conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth, or the puerperium	3,817	10.2
2	640	Hemorrhage in early pregnancy	2,393	6.4
3	646	Other complications of pregnancy, not elsewhere classified	1,930	5.2
4	789	Other symptoms involving abdomen and pelvis	1,625	4.3
5	786	Symptoms involving respiratory system and other chest symptoms	1,089	2.9
6	599	Other disorders of urethra and urinary tract	963	2.6
7	780	General symptoms	777	2.1
8	282	Hereditary hemolytic anemias	688	1.8
9	682	Other cellulitis and abscess	685	1.8
10	784	Symptoms involving head and neck	684	1.8
11	643	Excessive vomiting in pregnancy	680	1.8
12		(no diagnosis)	653	1.7
13	644	Early or threatened labor	634	1.7
14	465	Acute upper respiratory infections of multiple or unspecified sites	465	1.2
15	787	Symptoms involving digestive system	453	1.2
16	345	Epilepsy and recurrent seizures	444	1.2
17	634	Spontaneous abortion	429	1.1
18	724	Other and unspecified disorders of back	399	1.1
19	664	Trauma to perineum and vulva during delivery	383	1.0
20	462	Acute pharyngitis	379	1.0

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Red – pregnancy related diagnosis

Total visits for this group – 37,443

Percentage of total visits reflected on this page – 52.27%

Table 7. Age 18-34 CHIP

Rank	ICD	Description	Frequency	Percent
1	648	Other current conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth, or the puerperium	468	13.5
2	640	Hemorrhage in early pregnancy	188	5.4
3	646	Other complications of pregnancy, not elsewhere classified	151	4.4
4	789	Other symptoms involving abdomen and pelvis	150	4.3
5	644	Early or threatened labor	142	4.1
6		(no diagnosis)	90	2.6
7	780	General symptoms	88	2.5
8	599	Other disorders of urethra and urinary tract	87	2.5
9	786	Symptoms involving respiratory system and other chest symptoms	86	2.5
10	643	Excessive vomiting in pregnancy	53	1.5
11	682	Other cellulitis and abscess	52	1.5
12	465	Acute upper respiratory infections of multiple or unspecified sites	51	1.5
13	784	Symptoms involving head and neck	50	1.4
14	650	Normal delivery	46	1.3
15	787	Symptoms involving digestive system	46	1.3
16	462	Acute pharyngitis	43	1.2
17	664	Trauma to perineum and vulva during delivery	42	1.2
18	655	Known or suspected fetal abnormality affecting management of mother	41	1.2
19	641	Antepartum hemorrhage, abruptio placentae, and placenta previa	38	1.1
20	V68	Encounters for administrative purposes	38	1.1

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Red – pregnancy related diagnosis

Total visits for this group – 3,456

Percentage of total visits reflected on this page – 56.42%

Table 8. Age 18-34 Medicare

Rank	ICD	Description	Frequency	Percent
1	282	Hereditary hemolytic anemias	279	6.5
2	786	Respiratory symptoms	220	5.1
3	789	Other abdom & pelvis symptoms	213	4.9
4	780	General symptoms	143	3.3
5	345	Epilepsy and recurrent seizures	118	2.7
6	682	Other cellulitis and abscess	111	2.6
7	599	Other disorders of urethra and urinary tract	92	2.1
8	996	Complications peculiar to certain specified procedures	90	2.1
9	403	Hypertensive chronic kidney disease	86	2.0
10	784	Symptoms involving head and neck	86	2.0
11	276	Disorders of fluid, electrolyte, and acid-base balance	84	1.9
12	493	Asthma	76	1.8
13	787	Symptoms involving digestive system	76	1.8
14	729	Other disorders of soft tissues	64	1.5
15	724	Other and unspecified disorders of back	63	1.5
16	466	Acute bronchitis and bronchiolitis	60	1.4
17	296	Episodic mood disorders	58	1.3
18	465	Acute upper respiratory infections of multiple or unspecified sites	57	1.3
19		(no diagnosis)	55	1.3
20	295	Schizophrenic disorders	55	1.3

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 4,316

Percentage of total visits reflected on this page – 48.33%

Table 9. Age 18-34 uninsured

Rank	ICD	Description	Frequency	Percent
1	789	Other abdom & pelvis symptoms	7,942	6.3
2	786	Respiratory symptoms	5,681	4.5
3		(no diagnosis)	4,494	3.6
4	682	Other cellulitis and abscess	4,272	3.4
5	780	General symptoms	3,828	3.0
6	784	Symptoms involving head and neck	3,624	2.9
7	847	Sprains and strains of other and unspecified parts of back	3,016	2.4
8	599	Other disorders of urethra and urinary tract	2,988	2.4
9	724	Other and unspecified disorders of back	2,514	2.0
10	640	Hemorrhage in early pregnancy	2,093	1.7
11	787	Symptoms involving digestive system	2,089	1.7
12	873	Other open wound of head	1,995	1.6
13	729	Other disorders of soft tissues	1,956	1.6
14	465	Acute upper respiratory infections of multiple or unspecified sites	1,882	1.5
15	648	Other current conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth, or the puerperium	1,783	1.4
16	462	Acute pharyngitis	1,760	1.4
17	V68	Encounters for administrative purposes	1,644	1.3
18	623	Noninflammatory disorders of vagina	1,491	1.2
19	719	Other and unspecified disorders of joint	1,446	1.1
20	782	Symptoms involving skin and other integumentary tissue	1,323	1.0

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Red – pregnancy related diagnosis

Total visits for this group – 126,007

Percentage of total visits reflected on this page – 45.89%

Table 10. Age 35-64 commercial

Rank	ICD	Description	Frequency	Percent
1	786	Respiratory symptoms	8,532	8.3
2	789	Other symptoms involving abdomen and pelvis	5,208	5.1
3	780	General symptoms	4,373	4.3
4	784	Symptoms involving head and neck	2,948	2.9
5	847	Sprains and strains of other and unspecified parts of back	2,499	2.4
6	592	Calculus of kidney and ureter	2,459	2.4
7	724	Other and unspecified disorders of back	2,450	2.4
8	682	Other cellulitis and abscess	2,393	2.3
9		(no diagnosis)	1,994	1.9
10	599	Other disorders of urethra and urinary tract	1,814	1.8
11	401	Essential hypertension	1,442	1.4
12	787	Symptoms involving digestive system	1,427	1.4
13	427	Cardiac dysrhythmias	1,221	1.2
14	466	Acute bronchitis and bronchiolitis	1,207	1.2
15	729	Other disorders of soft tissues	1,161	1.1
16	250	Diabetes mellitus	1,159	1.1
17	574	Cholelithiasis	1,131	1.1
18	486	Pneumonia, organism unspecified	1,022	1.0
19	883	Open wound of finger(s)	988	1.0
20	276	Disorders of fluid, electrolyte, and acid-base balance	949	.9

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 102,574

Percentage of total visits reflected on this page – 45.21%

Table 11. Age 35-64 Medicaid

Rank	ICD	Description	Frequency	Percent
1	786	Respiratory symptoms	2,485	7.3
2	789	Other symptoms involving abdomen and pelvis	1,654	4.9
3	780	General symptoms	1,143	3.4
4	724	Other and unspecified disorders of back	894	2.6
5	250	Diabetes mellitus	889	2.6
6	784	Symptoms involving head and neck	760	2.2
7	682	Other cellulitis and abscess	758	2.2
8	428	Heart failure	720	2.1
9	729	Other disorders of soft tissues	682	2.0
10	599	Other disorders of urethra and urinary tract	634	1.9
11		(no diagnosis)	592	1.7
12	345	Epilepsy and recurrent seizures	524	1.5
13	787	Symptoms involving digestive system	464	1.4
14	719	Other and unspecified disorders of joint	463	1.4
15	038	Septicemia	450	1.3
16	401	Essential hypertension	435	1.3
17	403	Hypertensive chronic kidney disease	423	1.2
18	V68	Encounters for administrative purposes	419	1.2
19	491	Chronic bronchitis	411	1.2
20	493	Asthma	399	1.2

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 34,004

Percentage of total visits reflected on this page – 44.70%

Table 12. Age 35-64 Medicare

Rank	ICD	Description	Frequency	Percent	Rank
1	786	Respiratory symptoms	2,362	7.2	1
2	780	General symptoms	1,283	3.9	2
3	789	Other abdom & pelvis symptoms	1,224	3.8	3
4	250	Diabetes mellitus	982	3.0	4
5	996	Complications peculiar to certain specified procedures	941	2.9	5
6	724	Other and unspecified disorders of back	821	2.5	6
7	428	Heart failure (congestive et al)	789	2.4	7
8	682	Other cellulitis and abscess	736	2.3	8
9	599	Other disorders of urethra and urinary tract	665	2.0	9
10	784	Symptoms involving head and neck	648	2.0	10
11	276	Disorders of fluid, electrolyte, and acid-base balance	626	1.9	11
12	345	Epilepsy and recurrent seizures	551	1.7	12
13	729	Other disorders of soft tissues	547	1.7	13
14	491	Chronic bronchitis	541	1.7	14
15	038	Septicemia	536	1.6	15
16	787	Symptoms involving digestive system	472	1.4	16
17	403	Hypertensive chronic kidney disease	465	1.4	17
18	493	Asthma	435	1.3	18
19	486	Pneumonia, organism unspecified	430	1.3	19
20	427	Cardiac dysrhythmias	370	1.1	20

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 32,592

Percentage of total visits reflected on this page – 47.32%

Table 13. Age 35-64 uninsured

Rank	ICD	Description	Frequency	Percent
1	786	Respiratory symptoms	8,903	7.6
2	789	Other abdom & pelvis symptoms	6,752	5.7
3		(no diagnosis)	5,025	4.3
4	780	General symptoms	4,390	3.7
5	784	Symptoms involving head and neck	3,823	3.3
6	724	Other and unspecified disorders of back	3,696	3.1
7	682	Other cellulitis and abscess	3,098	2.6
8	729	Other disorders of soft tissues	3,034	2.6
9	719	Other and unspecified disorders of joint	2,533	2.2
10	847	Sprains and strains of other and unspecified parts of back	2,507	2.1
11	V68	Encounters for administrative purposes	2,143	1.8
12	401	Essential hypertension	2,022	1.7
13	250	Diabetes mellitus	1,935	1.6
14	599	Other disorders of urethra and urinary tract	1,853	1.6
15	782	Symptoms involving skin and other integumentary tissue	1,811	1.5
16	787	Symptoms involving digestive system	1,766	1.5
17	873	Other open wound of head	1,183	1.0
18	592	Calculus of kidney and ureter	1,079	.9
19	465	Acute upper respiratory infections of multiple or unspecified sites	1,071	.9
20	493	Asthma	1,046	.9

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 117,578

Percentage of total visits reflected on this page – 50.75%

Table 14. Age 65 and over commercial

Rank	ICD	Description	Frequency	Percent
1	780	General symptoms	710	4.8
2	786	Respiratory symptoms	674	4.6
3	428	Heart failure (congestive et al)	462	3.1
4	427	Cardiac dysrhythmias	449	3.1
5	599	Other disorders of urethra and urinary tract	443	3.0
6	789	Other symptoms involving abdomen and pelvis	386	2.6
7	038	Septicemia	360	2.4
8	434	Occlusion of cerebral arteries	296	2.0
9	784	Symptoms involving head and neck	283	1.9
10	491	Chronic bronchitis	266	1.8
11	401	Essential hypertension	260	1.8
12	486	Pneumonia, organism unspecified	249	1.7
13	724	Other and unspecified disorders of back	242	1.6
14	276	Disorders of fluid, electrolyte, and acid-base balance	241	1.6
15	682	Other cellulitis and abscess	232	1.6
16	847	Sprains and strains of other and unspecified parts of back	224	1.5
17	250	Diabetes mellitus	215	1.5
18	410	Acute myocardial infarction	206	1.4
19	873	Other open wound of head	194	1.3
20	788	Symptoms involving urinary system	178	1.2

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 14,694

Percentage of total visits reflected on this page – 44.71%

Table 15. Age 65 and over Medicaid

Rank	ICD	Description	Frequency	Percent
1	786	Respiratory symptoms	232	5.6
2	780	General symptoms	170	4.1
3	428	Heart failure (congestive et al)	164	3.9
4	276	Disorders of fluid, electrolyte, and acid-base balance	157	3.8
5	789	Other symptoms involving abdomen and pelvis	148	3.5
6	599	Other disorders of urethra and urinary tract	139	3.3
7	403	Hypertensive chronic kidney disease	134	3.2
8	038	Septicemia	130	3.1
9	250	Diabetes mellitus	116	2.8
10	486	Pneumonia, organism unspecified	99	2.4
11	427	Cardiac dysrhythmias	91	2.2
12	401	Essential hypertension	85	2.0
13	491	Chronic bronchitis	83	2.0
14	410	Acute myocardial infarction	77	1.8
15	434	Occlusion of cerebral arteries	70	1.7
16	682	Other cellulitis and abscess	66	1.6
17	787	Symptoms involving digestive system	64	1.5
18	784	Symptoms involving head and neck	60	1.4
19	585	Chronic kidney disease (CKD)	52	1.2
20	584	Acute renal failure	48	1.2

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 4,173

Percentage of total visits reflected on this page – 52.36%

Table 16. Age 65 and over Medicare

Rank	ICD	Description	Frequency	Percent
1	780	General symptoms	4468	5.1
2	786	Respiratory symptoms	4464	5.1
3	599	Other disorders of urethra and urinary tract	3484	4.0
4	428	Heart failure (congestive et al)	3394	3.9
5	427	Cardiac dysrhythmias	2666	3.0
6	038	Septicemia	2530	2.9
7	491	Chronic bronchitis	2009	2.3
8	486	Pneumonia, organism unspecified	1974	2.3
9	789	Other symptoms involving abdomen and pelvis	1802	2.1
10	276	Disorders of fluid, electrolyte, and acid-base balance	1678	1.9
11	434	Occlusion of cerebral arteries	1520	1.7
12	410	Acute myocardial infarction	1429	1.6
13	401	Essential hypertension	1419	1.6
14	682	Other cellulitis and abscess	1310	1.5
15	250	Diabetes mellitus	1307	1.5
16	820	Fracture of neck of femur	1274	1.5
17	784	Symptoms involving head and neck	1257	1.4
18	996	Complications peculiar to certain specified procedures	1159	1.3
19	873	Other open wound of head	1158	1.3
20	920	Contusion of face, scalp, and neck except eye(s)	1063	1.2

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 87,724

Percentage of total visits reflected on this page – 47.15%

Table 17. Age 65 and over uninsured

Rank	ICD	Description	Frequency	Percent
1		(no diagnosis)	506	10.1
2	786	Respiratory symptoms	355	7.1
3	780	General symptoms	263	5.2
4	789	Other symptoms involving abdomen and pelvis	224	4.5
5	403	Hypertensive chronic kidney disease	138	2.7
6	729	Other disorders of soft tissues	130	2.6
7	784	Symptoms involving head and neck	129	2.6
8	250	Diabetes mellitus	120	2.4
9	401	Essential hypertension	120	2.4
10	V68	Encounters for administrative purposes	114	2.3
11	719	Other and unspecified disorders of joint	110	2.2
12	724	Other and unspecified disorders of back	107	2.1
13	599	Other disorders of urethra and urinary tract	98	2.0
14	787	Symptoms involving digestive system	95	1.9
15	427	Cardiac dysrhythmias	85	1.7
16	788	Symptoms involving urinary system	79	1.6
17	276	Disorders of fluid, electrolyte, and acid-base balance	77	1.5
18	585	Chronic kidney disease (CKD)	72	1.4
19	428	Heart failure (congestive et al)	58	1.2
20	782	Symptoms involving skin and other integumentary tissue	54	1.1

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups

Green – one of the top diagnoses for *all* payer sources, *this* age group

Total visits for this group – 5,024

Percentage of total visits reflected on this page – 58.40%

Table 18. All ages and payer sources (includes other government and other private)

Rank	ICD	Description	Frequency	Percent
1	780	General symptoms	52,729	5.5
2	786	Respiratory symptoms	47,200	5.0
3	789	Other abdom & pelvis symptoms	39,818	4.2
4	465	Acute upper respiratory infections of multiple or unspecified sites	27,774	2.9
5	682	Other cellulitis and abscess	21,575	2.3
6	784	Symptoms involving head and neck	21,046	2.2
7			21,000	2.2
8	787	Symptoms involving digestive system	20,128	2.1
9	599	Other disorders of urethra and urinary tract	19,797	2.1
10	873	Other open wound of head	16,988	1.8
11	382	Suppurative and unspecified otitis media	14,880	1.6
12	724	Other and unspecified disorders of back	14,776	1.5
13	847	Sprains and strains of other and unspecified parts of back	14,048	1.5
14	493	Asthma	12,967	1.4
15	079	Viral and chlamydial infection in conditions classified elsewhere and of unspecified site	12,872	1.4
16	466	Acute bronchitis and bronchiolitis	11,583	1.2
17	729	Other disorders of soft tissues	11,504	1.2
18	486	Pneumonia, organism unspecified	11,484	1.2
19	462	Acute pharyngitis	10,910	1.1
20	920	Contusion of face, scalp, and neck except eye(s)	10,172	1.1

Yellow – one of the top diagnoses for *all* payer sources, *all* age groups