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### BayHealth Medical Center (includes both Milford Memorial and Kent General Hospitals)

#### 2012 Discharge Distribution

Zip / State	Number	%
19901	3,744	18.5%
19904	2,977	14.7%
19963	1,971	9.8%
19977	1,538	7.6%
19943	1,164	5.8%
19934	1,139	5.6%
19952	1,033	5.1%
19962	899	4.5%
19960	587	2.9%
19946	479	2.4%
19938	452	2.2%
19950	429	2.1%
MD	411	2.0%
19953	390	1.9%
19947	304	1.5%
19968	257	1.3%
19966	229	1.1%
Other State	227	1.1%
19954	160	0.8%
19941	153	0.8%
19973	148	0.7%
19734	147	0.7%
19709	143	0.7%
19958	138	0.7%
19933	136	0.7%
19964	123	0.6%
19971	86	0.4%
19979	79	0.4%
19956	73	0.4%
PA	68	0.3%
19936	66	0.3%
19903	51	0.3%
NJ	49	0.2%
19980	36	0.2%
19955	28	0.1%
19939	24	0.1%
19970	23	0.1%
19720	22	0.1%
19701	21	0.1%
19945	20	0.1%
19713	17	0.1%
19902	17	0.1%
19951	16	0.1%
19702	12	0.1%
19808	11	0.1%
19940	11	0.1%
Undisclosed*	90	0.4%
<b>Total</b>	<b>20,198</b>	<b>100.0%</b>

\*Zip codes with less than 10 cases

#### Utilization Characteristics

	2010	2011	2012
<b>Aggregate charges</b>	\$413,935,557	\$417,751,170	\$472,916,209
<b>Average charges</b>	\$20,902	\$21,642	\$23,414
<b>Average charge per day</b>	\$5,362	\$5,388	\$6,095
<b>Number of Discharges</b>	19,804	19,303	20,198
<b>Total All-listed Procedures<sup>1</sup></b>	19,987	18,246	19,934
<i>Non-operating room procedures<sup>2</sup></i>	13,185	12,104	13,017
<i>Valid operating room procedures<sup>2</sup></i>	6,802	6,142	6,917
<b>Average Length of Stay</b>	4.9	4.8	5.0
<b>Primary Payer Distribution</b>			
<i>Medicare</i>	43.4%	43.4%	45.6%
<i>Medicaid</i>	24.0%	24.4%	24.3%
<i>Private Insurance</i>	23.1%	23.1%	21.3%
<i>Uninsured</i>	3.2%	3.4%	2.5%
<i>Other</i>	6.3%	5.8%	6.3%
<b>Admission Source Distribution</b>			
<i>Routine</i>	32.1%	31.9%	30.3%
<i>Other short-term hospital</i>	0.3%	0.4%	0.5%
<i>Long-term care facility</i>	11.2%	11.1%	11.1%
<i>ER</i>	56.3%	55.7%	57.8%
<i>Other</i>	.1%	.9%	.4%
<b>Discharge Status Distribution</b>			
<i>Routine - home</i>	68.3%	68.3%	67.7%
<i>Another short-term hospital</i>	2.4%	2.7%	3.0%
<i>Long-term care facility</i>	12.2%	13.2%	13.7%
<i>Home health care</i>	13.1%	12.0%	11.5%
<i>Expired in hospital</i>	1.8%	1.9%	2.1%
<i>Left against medical advice</i>	1.2%	0.9%	1.2%
<i>Other/Unknown</i>	1.0%	1.0%	0.9%
<b>Sex</b>			
<i>Male</i>	41.0%	41.1%	42.0%
<i>Female</i>	59.0%	58.9%	58.0%
<b>Age</b>			
<i>&lt;1</i>	12.8%	13.1%	12.2%
<i>1-4</i>	1.0%	1.1%	0.7%
<i>5-9</i>	0.5%	0.4%	0.4%
<i>10-14</i>	0.4%	0.4%	0.3%
<i>15-19</i>	2.2%	1.9%	1.7%
<i>20-24</i>	5.1%	5.1%	5.0%
<i>25-34</i>	10.0%	10.2%	9.7%
<i>35-44</i>	7.6%	6.4%	6.2%
<i>45-54</i>	10.7%	11.1%	11.6%
<i>55-64</i>	13.2%	13.0%	13.0%
<i>65-74</i>	15.3%	15.6%	16.7%
<i>75+</i>	21.3%	21.9%	22.5%

#### Notes:

1. Total all-listed procedures represents the total number of procedures performed; up to six procedures may be recorded per discharge, as a result the total number of all-listed procedures can exceed the total number of discharges.

2. Procedures were classified using AHRQ's HCUP procedure class software. See AHRQ's website for more information: <http://www.hcup-us.ahrq.gov/toolssoftware/procedure/procedure.jsp>.

3. Percentages may not sum to 100 due to rounding.

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center



## HOSPITAL SPECIFIC DATA

### Beebe Medical Center

#### 2012 Discharge Distribution

Zip / State	Number	%
19966	2,209	22.4%
19958	1,839	18.7%
19947	909	9.2%
19971	904	9.2%
19968	678	6.9%
19970	412	4.2%
19945	342	3.5%
19939	303	3.1%
19975	254	2.6%
19963	238	2.4%
MD	198	2.0%
19973	170	1.7%
Other State	140	1.4%
PA	131	1.3%
19956	128	1.3%
19930	127	1.3%
19960	126	1.3%
19951	109	1.1%
19933	84	0.9%
19941	80	0.8%
19950	64	0.7%
19952	50	0.5%
19943	38	0.4%
19904	26	0.3%
19901	25	0.3%
19940	23	0.2%
19967	22	0.2%
19934	17	0.2%
NJ	17	0.2%
19962	14	0.1%
19969	13	0.1%
19946	12	0.1%
19709	11	0.1%
19711	11	0.1%
19944	11	0.1%
19977	11	0.1%
Undisclosed*	94	1.0%
<b>Total</b>	<b>9,840</b>	<b>100.0%</b>

\*Zip codes with less than 10 cases

#### Utilization Characteristics

	2010	2011	2012
<b>Aggregate charges</b>	\$294,962,669	\$300,087,820	\$324,736,166
<b>Average charges</b>	\$29,552	\$31,672	\$33,002
<b>Average charge per day</b>	\$8,533	\$9,165	\$9,724
<b>Number of Discharges</b>	9,981	9,475	9,840
<b>Total All-listed Procedures<sup>1</sup></b>	14,120	13,850	14,468
<i>Non-operating room procedures<sup>2</sup></i>	9,058	8,545	9,075
<i>Valid operating room procedures<sup>2</sup></i>	5,062	5,305	5,393
<b>Average Length of Stay</b>	4.0	4.0	3.9
<b>Primary Payer Distribution</b>			
<i>Medicare</i>	52.2%	52.6%	52.0%
<i>Medicaid</i>	17.5%	18.1%	18.5%
<i>Private Insurance</i>	26.0%	25.5%	25.3%
<i>Uninsured</i>	3.3%	2.6%	2.8%
<i>Other</i>	1.0%	1.2%	1.4%
<b>Admission Source Distribution</b>			
<i>Routine</i>	29.7%	30.7%	31.2%
<i>Other short-term hospital</i>	0.1%	0.0%	0.1%
<i>Long-term care facility</i>	8.8%	8.4%	9.2%
<i>ER</i>	61.4%	60.9%	59.5%
<i>Other</i>	0.0%	0.0%	0.0%
<b>Discharge Status Distribution</b>			
<i>Routine - home</i>	60.6%	58.9%	58.4%
<i>Another short-term hospital</i>	1.6%	1.4%	1.8%
<i>Long-term care facility</i>	16.0%	16.7%	17.2%
<i>Home health care</i>	18.2%	19.1%	19.1%
<i>Expired in hospital</i>	2.0%	2.3%	2.0%
<i>Left against medical advice</i>	0.6%	0.6%	0.6%
<i>Other/Unknown</i>	1.0%	1.0%	0.9%
<b>Sex</b>			
<i>Male</i>	43.4%	45.3%	44.8%
<i>Female</i>	56.6%	54.7%	55.2%
<b>Age</b>			
<i>&lt;1</i>	9.1%	9.1%	9.5%
<i>1-4</i>	0.2%	0.2%	0.2%
<i>5-9</i>	0.2%	0.3%	0.1%
<i>10-14</i>	0.2%	0.1%	0.1%
<i>15-19</i>	1.4%	1.0%	1.1%
<i>20-24</i>	3.4%	3.4%	3.5%
<i>25-34</i>	6.5%	7.6%	7.3%
<i>35-44</i>	5.7%	5.6%	5.1%
<i>45-54</i>	9.9%	9.8%	9.6%
<i>55-64</i>	14.5%	15.0%	14.7%
<i>65-74</i>	20.6%	20.3%	20.3%
<i>75+</i>	28.2%	27.7%	28.5%

#### Notes:

1. Total all-listed procedures represents the total number of procedures performed; up to six procedures may be recorded per discharge, as a result the total number of all-listed procedures can exceed the total number of discharges.
2. Procedures were classified using AHRQ's HCUP procedure class software. See AHRQ's website for more information: <http://www.hcup-us.ahrq.gov/toolssoftware/procedure/procedure.jsp>.
3. Percentages may not sum to 100 due to rounding.

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## HOSPITAL SPECIFIC DATA

### Christiana Care Health System (includes both Wilmington and Christiana Hospitals)

#### 2012 Discharge Distribution

Zip / State	Number	%
19720	6,233	10.6%
19702	4,272	7.3%
19808	3,927	6.7%
19805	3,791	6.5%
19711	3,446	5.9%
19713	3,307	5.6%
19701	3,265	5.6%
MD	2,918	5.0%
19802	2,671	4.5%
19709	2,501	4.3%
PA	2,479	4.2%
19804	2,006	3.4%
19801	1,988	3.4%
NJ	1,817	3.1%
19803	1,761	3.0%
19810	1,675	2.9%
19707	1,226	2.1%
19809	1,209	2.1%
19703	1,188	2.0%
19806	974	1.7%
19734	809	1.4%
19977	702	1.2%
19807	598	1.0%
Other State	371	0.6%
19904	368	0.6%
19901	331	0.6%
19706	283	0.5%
19938	232	0.4%
19966	202	0.3%
19973	195	0.3%
19958	163	0.3%
19963	149	0.3%
19947	131	0.2%
19934	124	0.2%
19956	112	0.2%
19971	110	0.2%
19943	101	0.2%
19952	85	0.1%
19899	71	0.1%
19962	69	0.1%
19933	66	0.1%
19950	62	0.1%
19953	62	0.1%
19968	60	0.1%
19960	58	0.1%
19730	53	0.1%
19733	45	0.1%
19945	41	0.1%
19970	37	0.1%
19714	34	0.1%
19946	32	0.1%
19731	30	0.1%
19975	26	0.0%
Unknown	25	0.0%
19940	24	0.0%
19939	21	0.0%
19964	18	0.0%
19708	17	0.0%
19710	17	0.0%
19850	17	0.0%
19941	17	0.0%
19936	14	0.0%
19954	14	0.0%
19951	13	0.0%
19736	12	0.0%
19930	12	0.0%
19955	12	0.0%
Undisclosed*	72	0.1%
<b>Total</b>	<b>58,771</b>	<b>100.0%</b>

\*Zip codes with less than 10 cases

#### Utilization Characteristics

	2010	2011	2012
<b>Aggregate charges</b>	\$1,283,388,855	\$1,359,896,660	\$1,296,911,416
<b>Average charges</b>	\$21,926	\$23,066	\$22,067
<b>Average charge per day</b>	\$5,642	\$6,078	\$5,716
<b>Number of Discharges</b>	58,534	58,957	58,771
<b>Total All-listed Procedures<sup>1</sup></b>	126,855	129,667	125,901
<i>Non-operating room procedures<sup>2</sup></i>	96,097	99,491	95,950
<i>Valid operating room procedures<sup>2</sup></i>	30,758	30,176	29,951
<b>Average Length of Stay</b>	4.9	4.9	4.8
<b>Primary Payer Distribution</b>			
<i>Medicare</i>	41.4%	42.3%	42.4%
<i>Medicaid</i>	21.7%	22.1%	21.3%
<i>Private Insurance</i>	33.1%	31.7%	30.8%
<i>Uninsured</i>	2.3%	2.3%	2.4%
<i>Other</i>	1.5%	1.6%	3.2%
<b>Admission Source Distribution</b>			
<i>Routine</i>	39.2%	31.2%	45.9%
<i>Other short-term hospital</i>	0.9%	1.2%	1.3%
<i>Long-term care facility</i>	4.9%	11.4%	10.9%
<i>ER</i>	53.9%	54.9%	40.7%
<i>Other</i>	1.1%	1.4%	1.2%
<b>Discharge Status Distribution</b>			
<i>Routine - home</i>	63.1%	63.9%	64.0%
<i>Another short-term hospital</i>	2.0%	1.7%	1.3%
<i>Long-term care facility</i>	10.2%	10.4%	10.9%
<i>Home health care</i>	20.2%	19.2%	19.5%
<i>Expired in hospital</i>	3.1%	3.4%	2.6%
<i>Left against medical advice</i>	0.6%	0.6%	0.7%
<i>Other/Unknown</i>	0.9%	0.8%	1.0%
<b>Sex</b>			
<i>Male</i>	41.2%	40.6%	40.9%
<i>Female</i>	58.8%	59.4%	59.1%
<b>Age</b>			
<i>&lt;1</i>	11.8%	11.8%	11.2%
<i>1-4</i>	0.1%	0.1%	0.1%
<i>5-9</i>	0.1%	0.1%	0.1%
<i>10-14</i>	0.1%	0.1%	0.1%
<i>15-19</i>	1.9%	1.7%	1.5%
<i>20-24</i>	4.5%	4.2%	4.1%
<i>25-34</i>	11.9%	11.8%	11.8%
<i>35-44</i>	9.2%	9.0%	8.4%
<i>45-54</i>	12.5%	12.3%	12.8%
<i>55-64</i>	13.7%	14.4%	14.5%
<i>65-74</i>	13.0%	13.5%	14.2%
<i>75+</i>	21.1%	21.0%	21.1%

#### Notes:

1. Total all-listed procedures represents the total number of procedures performed; up to six procedures may be recorded per discharge, as a result the total number of all-listed procedures can exceed the total number of discharges.

2. Procedures were classified using AHRQ's HCUP procedure class software. See AHRQ's website for more information: <http://www.hcup-us.ahrq.gov/toolssoftware/procedure/procedure.jsp>.

3. Percentages may not sum to 100 due to rounding.

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## HOSPITAL SPECIFIC DATA

### Nanticoke Memorial Hospital

#### 2012 Discharge Distribution

Zip / State	Number	%
19973	2,185	36.3%
19956	1,040	17.3%
19947	674	11.2%
19933	646	10.7%
MD	334	5.5%
19966	267	4.4%
19950	211	3.5%
19940	210	3.5%
19945	71	1.2%
19963	57	0.9%
19975	38	0.6%
19968	32	0.5%
19939	29	0.5%
19941	24	0.4%
19904	20	0.3%
19971	18	0.3%
19931	16	0.3%
19952	16	0.3%
Other State	15	0.2%
PA	15	0.2%
19960	14	0.2%
19901	11	0.2%
19943	11	0.2%
Undisclosed*	66	1.1%
<b>Total</b>	<b>6,020</b>	<b>100.0%</b>

\*Zip codes with less than 10 cases

#### Utilization Characteristics

	2010	2011	2012
<b>Aggregate charges</b>	\$96,915,476	\$97,696,138	\$95,314,614
<b>Average charges</b>	\$16,988	\$16,469	\$15,833
<b>Average charge per day</b>	\$5,033	\$5,058	\$5,034
<b>Number of Discharges</b>	5,705	5,932	6,020
<b>Total All-listed Procedures<sup>1</sup></b>	11,227	11,649	11,498
<i>Non-operating room procedures<sup>2</sup></i>	9,404	9,937	9,818
<i>Valid operating room procedures<sup>2</sup></i>	1,823	1,712	1,680
<b>Average Length of Stay</b>	3.8	3.6	3.4
<b>Primary Payer Distribution</b>			
<i>Medicare</i>	40.1%	42.7%	43.8%
<i>Medicaid</i>	36.0%	34.5%	34.4%
<i>Private Insurance</i>	16.5%	16.6%	16.7%
<i>Uninsured</i>	2.9%	2.5%	3.0%
<i>Other</i>	4.5%	3.6%	2.1%
<b>Admission Source Distribution</b>			
<i>Routine</i>	40.5%	36.6%	37.1%
<i>Other short-term hospital</i>	0.0%	0.0%	0.0%
<i>Long-term care facility</i>	0.0%	0.0%	0.0%
<i>ER</i>	59.5%	63.3%	62.9%
<i>Other</i>	0.0%	0.0%	0.0%
<b>Discharge Status Distribution</b>			
<i>Routine - home</i>	67.9%	66.7%	67.6%
<i>Another short-term hospital</i>	3.1%	3.2%	3.3%
<i>Long-term care facility</i>	13.2%	14.5%	13.9%
<i>Home health care</i>	12.6%	12.6%	11.9%
<i>Expired in hospital</i>	1.6%	1.4%	1.2%
<i>Left against medical advice</i>	0.7%	0.7%	0.8%
<i>Other/Unknown</i>	0.9%	0.9%	1.3%
<b>Sex</b>			
<i>Male</i>	40.7%	41.6%	39.5%
<i>Female</i>	59.3%	58.4%	60.5%
<b>Age</b>			
<i>&lt;1</i>	16.3%	15.2%	15.6%
<i>1-4</i>	0.6%	0.5%	0.7%
<i>5-9</i>	0.2%	0.4%	0.5%
<i>10-14</i>	0.1%	0.2%	0.2%
<i>15-19</i>	2.6%	2.1%	2.1%
<i>20-24</i>	6.3%	5.9%	5.4%
<i>25-34</i>	10.3%	9.4%	10.2%
<i>35-44</i>	6.4%	6.5%	6.3%
<i>45-54</i>	9.9%	9.3%	9.7%
<i>55-64</i>	12.2%	13.6%	13.1%
<i>65-74</i>	12.7%	13.8%	14.1%
<i>75+</i>	22.3%	23.1%	22.0%

#### Notes:

1. Total all-listed procedures represents the total number of procedures performed; up to six procedures may be recorded per discharge, as a result the total number of all-listed procedures can exceed the total number of discharges.
2. Procedures were classified using AHRQ's HCUP procedure class software. See AHRQ's website for more information: <http://www.hcup-us.ahrq.gov/toolssoftware/procedure/procedure.jsp>.
3. Percentages may not sum to 100 due to rounding.

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## HOSPITAL SPECIFIC DATA

### St. Francis Hospital

#### 2012 Discharge Distribution

Zip / State	Number	%
19805	1,784	26.8%
19802	630	9.5%
19801	580	8.7%
19720	560	8.4%
19806	377	5.7%
19810	272	4.1%
19803	271	4.1%
19804	248	3.7%
19703	246	3.7%
19808	241	3.6%
19809	214	3.2%
PA	185	2.8%
19702	131	2.0%
19711	128	1.9%
19701	124	1.9%
19713	114	1.7%
19707	91	1.4%
19709	72	1.1%
Other State	72	1.1%
19807	56	0.8%
NJ	54	0.8%
MD	44	0.7%
19901	23	0.3%
19977	21	0.3%
19904	15	0.2%
19734	13	0.2%
19938	13	0.2%
19899	12	0.2%
19706	10	0.2%
19963	10	0.2%
Undisclosed*	48	0.7%
<b>Total</b>	<b>6,659</b>	<b>100.0%</b>

\*Zip codes with less than 10 cases

#### Utilization Characteristics

	2010	2011	2012
<b>Aggregate charges</b>	\$174,216,422	\$161,634,644	\$159,643,186
<b>Average charges</b>	\$22,905	\$22,368	\$23,974
<b>Average charge per day</b>	\$7,217	\$7,174	\$7,519
<b>Number of Discharges</b>	7,606	7,226	6,659
<b>Total All-listed Procedures<sup>1</sup></b>	8,241	7,275	6,996
<i>Non-operating room procedures<sup>2</sup></i>	5,397	4,789	4,724
<i>Valid operating room procedures<sup>2</sup></i>	2,844	2,486	2,272
<b>Average Length of Stay</b>	4.2	3.9	3.8
<b>Primary Payer Distribution</b>			
<i>Medicare</i>	39.8%	37.2%	36.1%
<i>Medicaid</i>	27.5%	20.3%	28.5%
<i>Private Insurance</i>	27.6%	37.4%	29.2%
<i>Uninsured</i>	2.7%	3.1%	5.6%
<i>Other</i>	2.3%	1.9%	0.6%
<b>Admission Source Distribution</b>			
<i>Routine</i>	38.2%	34.2%	32.5%
<i>Other short-term hospital</i>	3.4%	3.0%	2.9%
<i>Long-term care facility</i>	0.6%	0.3%	0.5%
<i>ER</i>	57.1%	61.8%	62.0%
<i>Other</i>	.8%	.7%	2.0%
<b>Discharge Status Distribution</b>			
<i>Routine - home</i>	64.3%	64.5%	62.9%
<i>Another short-term hospital</i>	1.7%	1.3%	1.5%
<i>Long-term care facility</i>	12.0%	12.1%	12.1%
<i>Home health care</i>	15.7%	13.8%	15.3%
<i>Expired in hospital</i>	3.8%	5.4%	5.2%
<i>Left against medical advice</i>	1.6%	1.7%	2.0%
<i>Other/Unknown</i>	0.9%	1.2%	1.1%
<b>Sex</b>			
<i>Male</i>	38.0%	38.8%	39.4%
<i>Female</i>	62.0%	61.2%	60.6%
<b>Age</b>			
<i>&lt;1</i>	11.2%	10.0%	11.1%
<i>1-4</i>	0.0%	0.0%	0.0%
<i>5-9</i>	0.0%	0.0%	0.0%
<i>10-14</i>	0.1%	0.0%	0.0%
<i>15-19</i>	1.6%	1.5%	1.3%
<i>20-24</i>	4.2%	4.3%	4.1%
<i>25-34</i>	10.4%	10.8%	12.1%
<i>35-44</i>	9.4%	10.7%	9.7%
<i>45-54</i>	13.2%	14.4%	14.9%
<i>55-64</i>	14.0%	14.1%	13.7%
<i>65-74</i>	13.0%	11.9%	12.2%
<i>75+</i>	22.9%	22.3%	20.9%

#### Notes:

- Total all-listed procedures represents the total number of procedures performed; up to six procedures may be recorded per discharge, as a result the total number of all-listed procedures can exceed the total number of discharges.
  - Procedures were classified using AHRQ's HCUP procedure class software. See AHRQ's website for more information: <http://www.hcup-us.ahrq.gov/toolssoftware/procedure/procedure.jsp>.
  - Percentages may not sum to 100 due to rounding.
  - St. Francis hospital does not operate a pediatric service. ER patients are admitted at Al Dupont.
- Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## HOSPITAL SPECIFIC DATA

### Select Specialty Hospital - Wilmington

#### 2012 Discharge Distribution

Zip / State	Number	%
19805	25	8.1%
19720	23	7.5%
MD	21	6.8%
19904	16	5.2%
NJ	16	5.2%
19703	13	4.2%
19801	13	4.2%
19808	13	4.2%
19701	12	3.9%
PA	12	3.9%
19702	10	3.3%
Undisclosed*	133	43.3%
<b>Total</b>	<b>307</b>	<b>100.0%</b>

\*Zip codes with less than 10 cases

#### Utilization Characteristics

	2010	2011	2012
<b>Aggregate charges</b>	\$30,161,973	\$35,663,288	\$39,836,974
<b>Average charges</b>	\$100,540	\$104,584	\$129,762
<b>Average charge per day</b>	\$3,466	\$3,746	\$3,910
<b>Number of Discharges</b>	300	341	307
<b>Total All-listed Procedures<sup>1</sup></b>	578	630	541
<i>Non-operating room procedures<sup>2</sup></i>	505	579	467
<i>Valid operating room procedures<sup>2</sup></i>	73	51	74
<b>Average Length of Stay</b>	29.4	28.0	32.1
<b>Primary Payer Distribution</b>			
<i>Medicare</i>	83.7%	80.1%	76.5%
<i>Medicaid</i>	1.0%	0.6%	0.3%
<i>Private Insurance</i>	13.7%	18.5%	21.5%
<i>Uninsured</i>	0.0%	0.0%	0.0%
<i>Other</i>	1.7%	0.9%	1.6%
<b>Admission Source Distribution</b>			
<i>Routine</i>	0.7%	0.3%	0.0%
<i>Other short-term hospital</i>	98.0%	98.8%	98.7%
<i>Long-term care facility</i>	1.3%	0.9%	0.7%
<i>ER</i>	0.0%	0.0%	0.0%
<i>Other</i>	0.0%	0.0%	0.7%
<b>Discharge Status Distribution</b>			
<i>Routine - home</i>	5.3%	5.6%	5.5%
<i>Another short-term hospital</i>	11.3%	11.7%	10.4%
<i>Long-term care facility</i>	49.7%	49.0%	50.8%
<i>Home health care</i>	24.0%	24.3%	24.8%
<i>Expired in hospital</i>	9.0%	8.8%	6.8%
<i>Left against medical advice</i>	0.7%	0.6%	1.3%
<i>Other/Unknown</i>	0.0%	0.0%	0.3%
<b>Sex</b>			
<i>Male</i>	44.7%	47.5%	49.8%
<i>Female</i>	55.3%	52.5%	50.2%
<i>Unknown</i>	0.0%	0.0%	0.0%
<b>Age</b>			
<1	0.0%	0.0%	0.0%
1-4	0.0%	0.0%	0.0%
5-9	0.0%	0.0%	0.0%
10-14	0.0%	0.0%	0.0%
15-19	0.0%	0.6%	0.0%
20-24	0.7%	0.3%	0.3%
25-34	2.7%	0.9%	2.6%
35-44	5.7%	3.5%	4.2%
45-54	10.7%	12.9%	15.3%
55-64	19.7%	18.8%	24.4%
65-74	27.7%	26.7%	26.4%
75+	33.0%	36.4%	26.7%

#### Notes:

1. Total all-listed procedures represents the total number of procedures performed; up to six procedures may be recorded per discharge, as a result the total number of all-listed procedures can exceed the total number of discharges.

2. Procedures were classified using AHRQ's HCUP procedure class software. See AHRQ's website for more information: <http://www.hcup-us.ahrq.gov/toolssoftware/procedure/procedure.jsp>.

3. Percentages may not sum to 100 due to rounding.

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

## APPENDIX A

### Clinical classification system:

Diagnoses and procedures were reported using the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM). These codes were then aggregated into broader diagnostic categories according to the Clinical Classification System (CCS) developed by the Agency of Healthcare Research and Quality (AHRQ). The CCS diagnoses are used to categorize clinically similar diagnoses for ease in presentation and interpretation of hospital discharge data. A complete listing of CCS diagnostic codes and selected corresponding measures are presented below.

### Number and Percent of Discharges, Mean Length of Stay, Mean Charges, Percent Expired, and Percent Admitted from the Emergency Department , by Principal Diagnosis, Delaware Hospitals, 2012

Clinical Classifications Software Categories and Chapter Headings		Number of Discharges	Percent of Discharges	Length of Stay	Mean Total Charges	Percent Expired	Percent Admitted from ED
<b>Infections and parasitic diseases</b>	Tuberculosis	10	0.3%	14.3	\$37,397	0.0%	70.0%
	Septicemia (except in labor)	2,884	78.5%	8.3	\$44,717	14.1%	81.3%
	Bacterial infection; unspecified site	42	1.1%	6.8	\$91,179	2.4%	76.2%
	Mycoses	88	2.4%	6.8	\$29,822	5.7%	69.3%
	HIV infection	158	4.3%	9.1	\$37,283	4.4%	76.6%
	Hepatitis	87	2.4%	4.9	\$21,111	5.7%	77.0%
	Viral infection	323	8.8%	3.2	\$15,491	0.3%	74.3%
	Other infections; including parasitic	68	1.9%	4.6	\$23,863	2.9%	76.5%
	Sexually transmitted infections (not HIV or hepatitis)	12	0.3%	7.0	\$32,086	0.0%	75.0%
	Immunizations and screening for infectious disease	3	0.1%	4.0	\$11,912	0.0%	33.3%
	<b>Total</b>	<b>3,675</b>	<b>100.0%</b>	<b>7.7</b>	<b>\$40,970</b>	<b>11.7%</b>	<b>79.8%</b>
<b>Neoplasms</b>	Cancer of head and neck	58	1.3%	6.3	\$31,335	1.7%	25.9%
	Cancer of esophagus	32	0.7%	8.4	\$43,257	9.4%	28.1%
	Cancer of stomach	64	1.5%	9.4	\$48,032	12.5%	40.6%
	Cancer of colon	251	5.8%	7.6	\$42,433	2.0%	27.9%
	Cancer of rectum and anus	99	2.3%	8.2	\$46,485	2.0%	21.2%
	Cancer of liver and intrahepatic bile duct	49	1.1%	5.3	\$37,777	18.4%	49.0%
	Cancer of pancreas	102	2.3%	7.5	\$39,454	9.8%	44.1%
	Cancer of other GI organs; peritoneum	69	1.6%	7.3	\$35,202	7.2%	37.7%
	Cancer of bronchus; lung	411	9.4%	6.6	\$37,558	11.4%	49.6%
	Cancer; other respiratory and intrathoracic	5	0.1%	6.6	\$16,871	20.0%	20.0%
	Cancer of bone and connective tissue	30	0.7%	5.9	\$52,490	3.3%	10.0%
	Melanomas of skin	12	0.3%	3.1	\$17,692	0.0%	8.3%
	Other non-epithelial cancer of skin	26	0.6%	4.7	\$25,078	0.0%	11.5%
	Cancer of breast	100	2.3%	2.9	\$23,158	5.0%	16.0%
	Cancer of uterus	131	3.0%	3.1	\$22,772	0.8%	6.1%
	Cancer of cervix	37	0.9%	4.9	\$26,582	0.0%	8.1%
	Cancer of ovary	72	1.7%	9.1	\$47,844	8.3%	31.9%
	Cancer of other female genital organs	22	0.5%	4.1	\$24,228	0.0%	22.7%
	Cancer of prostate	83	1.9%	3.6	\$31,596	2.4%	15.7%
	Cancer of testis	7	0.2%	12.0	\$63,004	0.0%	0.0%
	Cancer of other male genital organs	1	0.0%	5.0	\$24,296	0.0%	0.0%
	Cancer of bladder	74	1.7%	7.3	\$45,091	2.7%	29.7%
	Cancer of kidney and renal pelvis	134	3.1%	5.2	\$33,036	1.5%	14.2%
	Cancer of other urinary organs	8	0.2%	3.5	\$31,761	0.0%	0.0%
	Cancer of brain and nervous system	109	2.5%	9.6	\$74,762	8.3%	40.4%
	Cancer of thyroid	38	0.9%	4.8	\$24,875	0.0%	7.9%
	Hodgkin's disease	14	0.3%	9.4	\$77,346	0.0%	14.3%

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Clinical Classifications Software Categories and Chapter Headings		Number of Discharges	Percent of Discharges	Length of Stay	Mean Total Charges	Percent Expired	Percent Admitted from ED
	Non-Hodgkin's lymphoma	118	2.7%	9.5	\$61,581	6.8%	53.4%
	Leukemias	173	4.0%	16.6	\$124,352	9.2%	43.9%
	Multiple myeloma	50	1.1%	11.2	\$58,598	8.0%	40.0%
	Cancer, other and unspecified primary	16	0.4%	5.8	\$41,477	12.5%	37.5%
	Secondary malignancies	638	14.7%	6.8	\$32,922	11.8%	51.9%
	Malignant neoplasm without specification of site	22	0.5%	7.2	\$61,594	13.6%	63.6%
	Neoplasms of unspecified nature or uncertain behavior	146	3.4%	4.8	\$38,052	1.4%	37.7%
	Maintenance chemotherapy; radiotherapy	399	9.2%	5.9	\$39,908	0.3%	0.8%
	Benign neoplasm of uterus	305	7.0%	2.4	\$18,400	0.0%	3.9%
	Other and unspecified benign neoplasm	446	10.3%	5.3	\$32,182	0.7%	17.9%
	<b>Total</b>	<b>4,351</b>	<b>100.0%</b>	<b>6.6</b>	<b>\$40,338</b>	<b>5.4%</b>	<b>29.1%</b>
<b>Endocrine, nutritional &amp; metabolic diseases, &amp; immunity disorders</b>	Thyroid disorders	138	3.3%	3.2	\$14,516	0.7%	36.2%
	Diabetes mellitus without complication	85	2.0%	2.5	\$10,486	0.0%	83.5%
	Diabetes mellitus with complications	1,859	44.0%	4.9	\$20,725	0.8%	73.9%
	Other endocrine disorders	152	3.6%	5.8	\$24,232	1.3%	74.3%
	Nutritional deficiencies	34	0.8%	9.5	\$37,549	2.9%	58.8%
	Disorders of lipid metabolism	6	0.1%	3.8	\$11,237	0.0%	0.0%
	Gout and other crystal arthropathies	72	1.7%	3.9	\$13,281	0.0%	77.8%
	Fluid and electrolyte disorders	1,173	27.8%	4.0	\$17,475	2.7%	78.2%
	Cystic fibrosis	44	1.0%	7.8	\$70,203	0.0%	22.7%
	Immunity disorders	1	0.0%	9.0	\$76,222	0.0%	0.0%
	Other nutritional; endocrine; and metabolic disorders	663	15.7%	3.4	\$27,704	1.2%	19.0%
	<b>Total</b>	<b>4,227</b>	<b>100.0%</b>	<b>4.4</b>	<b>\$21,158</b>	<b>1.4%</b>	<b>64.7%</b>
<b>Disease of the blood and blood forming organs</b>	Deficiency and other anemia	605	42.0%	4.1	\$22,870	2.1%	70.7%
	Acute posthemorrhagic anemia	150	10.4%	4.0	\$21,526	2.7%	75.3%
	Sickle cell anemia	383	26.6%	4.4	\$19,649	0.3%	79.9%
	Coagulation and hemorrhagic disorders	133	9.2%	5.0	\$44,698	1.5%	53.4%
	Diseases of white blood cells	149	10.3%	5.6	\$31,356	1.3%	49.7%
	Other hematologic conditions	22	1.5%	5.0	\$28,743	0.0%	59.1%
	<b>Total</b>	<b>1,442</b>	<b>100.0%</b>	<b>4.4</b>	<b>\$24,855</b>	<b>1.5%</b>	<b>69.7%</b>
<b>Mental disorders</b>	Adjustment disorders	5	0.2%	1.8	\$8,302	0.0%	80.0%
	Anxiety disorders	46	1.7%	3.5	\$15,658	2.2%	69.6%
	Attention-deficit	1	0.0%	3.0	\$19,612	0.0%	0.0%
	Delirium	224	8.4%	8.5	\$18,138	2.7%	75.9%
	Developmental disorders	7	0.3%	5.7	\$17,185	0.0%	85.7%
	Disorders usually diagnosed in infancy	4	0.2%	2.5	\$9,994	0.0%	50.0%
	Impulse control disorders	1	0.0%	105.0	\$128,959	0.0%	0.0%
	Mood disorders	885	33.3%	6.2	\$10,678	1.5%	62.3%
	Personality disorders	3	0.1%	8.0	\$25,361	0.0%	100.0%
	Schizophrenia and other psychotic disorders	167	6.3%	7.3	\$12,294	0.6%	65.3%
	Alcohol-related disorders	554	20.8%	5.0	\$17,082	1.1%	78.5%
	Substance-related disorders	409	15.4%	4.4	\$17,938	2.4%	71.4%
	Screening and history of mental health and substance abuse codes	201	7.6%	5.4	\$22,441	5.0%	75.1%
	Miscellaneous disorders	154	5.8%	3.3	\$11,691	0.6%	45.5%
	<b>Total</b>	<b>2,661</b>	<b>100.0%</b>	<b>5.7</b>	<b>\$14,966</b>	<b>1.8%</b>	<b>68.6%</b>
<b>Diseases of the nervous system and sense organs</b>	Meningitis (except that caused by tuberculosis or STD)	145	4.5%	5.2	\$38,524	1.4%	77.2%
	Encephalitis (except that caused by tuberculosis or STD)	39	1.2%	18.9	\$125,448	0.0%	76.9%
	Other CNS infection and poliomyelitis	42	1.3%	15.9	\$67,124	4.8%	45.2%
	Parkinson's disease	29	0.9%	5.6	\$17,091	3.4%	82.8%
	Multiple sclerosis	98	3.0%	3.9	\$16,366	0.0%	68.4%
	Other hereditary and degenerative nervous system	150	4.6%	5.3	\$32,589	1.3%	48.0%
	Paralysis	56	1.7%	5.2	\$77,027	0.0%	21.4%
	Epilepsy; convulsions	931	28.6%	4.5	\$20,486	1.3%	71.5%
	Headache; including migraine	309	9.5%	2.5	\$12,447	0.0%	72.8%
	Coma; stupor; and brain damage	50	1.5%	9.7	\$68,637	22.0%	68.0%

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Clinical Classifications Software Categories and Chapter Headings		Number of Discharges	Percent of Discharges	Length of Stay	Mean Total Charges	Percent Expired	Percent Admitted from ED	
	Cataract	3	0.1%	1.3	\$12,650	0.0%	66.7%	
	Retinal detachments; defects; vascular occlusion; and retinopathy	12	0.4%	3.7	\$18,316	0.0%	58.3%	
	Glaucoma	2	0.1%	4.5	\$10,277	0.0%	0.0%	
	Blindness and vision defects	28	0.9%	2.6	\$12,658	0.0%	60.7%	
	Inflammation; infection of eye (except that caused by tuberculosis or sexually transmitted disease)	84	2.6%	3.2	\$13,513	0.0%	67.9%	
	Other eye disorders	30	0.9%	2.6	\$14,177	0.0%	63.3%	
	Otitis media and related conditions	54	1.7%	2.5	\$14,153	0.0%	50.0%	
	Conditions associated with dizziness or vertigo	194	6.0%	2.4	\$11,986	0.0%	80.9%	
	Other ear and sense organ disorders	37	1.1%	3.1	\$18,545	2.7%	59.5%	
	Other nervous system disorders	960	29.5%	4.8	\$30,808	1.9%	65.2%	
	<b>Total</b>	<b>3,253</b>	<b>100.0%</b>	<b>4.6</b>	<b>\$26,589</b>	<b>1.5%</b>	<b>67.5%</b>	
<b>Diseases of the circulatory system</b>	Heart valve disorders	363	2.2%	7.4	\$92,010	4.1%	21.5%	
	Peri-, endo-, and myocarditis; cardiomyopathy (except that caused by tuberculosis or STD)	312	1.9%	7.6	\$71,047	3.2%	59.6%	
	Essential hypertension	132	0.8%	2.4	\$11,942	0.0%	76.5%	
	Hypertension with complications and secondary	560	3.4%	4.9	\$25,940	2.0%	74.3%	
	Acute myocardial infarction	1,808	11.1%	4.6	\$55,397	4.3%	73.0%	
	Coronary atherosclerosis and other heart disease	1,437	8.8%	3.7	\$52,222	0.9%	48.9%	
	Nonspecific chest pain	906	5.5%	2.1	\$14,785	0.2%	81.5%	
	Pulmonary heart disease	591	3.6%	5.6	\$27,382	4.9%	77.7%	
	Other and ill-defined heart disease	24	0.1%	2.7	\$28,071	8.3%	50.0%	
	Conduction disorders	172	1.1%	4.1	\$48,670	1.7%	69.8%	
	Cardiac dysrhythmias	1,912	11.7%	3.7	\$26,382	1.6%	74.1%	
	Cardiac arrest and ventricular fibrillation	66	0.4%	6.8	\$60,729	51.5%	81.8%	
	Congestive heart failure; nonhypertensive	2,916	17.8%	5.4	\$26,253	2.9%	78.6%	
	Acute cerebrovascular disease	1,965	12.0%	6.4	\$33,729	7.9%	77.6%	
	Occlusion or stenosis of precerebral arteries	372	2.3%	2.3	\$27,111	0.0%	16.9%	
	Other and ill-defined cerebrovascular disease	124	0.8%	3.8	\$55,254	1.6%	25.8%	
	Transient cerebral ischemia	607	3.7%	2.4	\$14,093	0.0%	79.1%	
	Late effects of cerebrovascular disease	62	0.4%	5.3	\$18,696	4.8%	77.4%	
	Peripheral and visceral atherosclerosis	527	3.2%	5.2	\$41,834	4.4%	34.5%	
	Aortic; peripheral; and visceral artery aneurysms	270	1.7%	4.5	\$71,272	5.9%	24.8%	
	Aortic and peripheral arterial embolism or thrombosis	124	0.8%	7.3	\$63,795	5.6%	47.6%	
	Other circulatory disease	429	2.6%	3.9	\$20,384	0.5%	80.0%	
	Phlebitis; thrombophlebitis and thromboembolism	516	3.2%	4.8	\$22,293	1.7%	67.2%	
Varicose veins of lower extremity	6	0.0%	5.7	\$15,892	0.0%	83.3%		
Hemorrhoids	90	0.6%	2.9	\$11,097	0.0%	60.0%		
Other diseases of veins and lymphatics	67	0.4%	6.5	\$30,957	3.0%	67.2%		
	<b>Total</b>	<b>16,358</b>	<b>100.0%</b>	<b>4.7</b>	<b>\$35,581</b>	<b>3.3%</b>	<b>68.1%</b>	
<b>Diseases of the respiratory system</b>	Pneumonia (except that caused by tuberculosis or STD)	3,488	31.2%	5.1	\$23,888	2.6%	79.9%	
	Influenza	104	0.9%	3.4	\$15,471	0.0%	66.3%	
	Acute and chronic tonsillitis	214	1.9%	1.7	\$11,985	0.0%	27.6%	
	Acute bronchitis	752	6.7%	3.3	\$17,355	0.1%	77.4%	
	Other upper respiratory infections	335	3.0%	2.7	\$15,498	0.3%	76.7%	
	Chronic obstructive pulmonary disease and bronchiectasis	2,063	18.5%	4.3	\$17,263	1.9%	79.6%	
	Asthma	1,375	12.3%	3.0	\$14,937	0.3%	78.7%	
	Aspiration pneumonitis; food/ vomitus	654	5.9%	7.6	\$36,040	14.2%	78.3%	
	Pleurisy; pneumothorax; pulmonary collapse	386	3.5%	7.3	\$32,402	3.9%	74.1%	
	Respiratory failure; insufficiency; arrest (adult)	1,296	11.6%	10.3	\$61,080	11.3%	76.2%	
	Lung disease due to external agents	17	0.2%	5.7	\$28,113	0.0%	52.9%	
	Other lower respiratory disease	308	2.8%	4.1	\$22,548	6.2%	57.8%	
	Other upper respiratory disease	170	1.5%	4.5	\$27,030	0.0%	64.1%	
		<b>Total</b>	<b>11,162</b>	<b>100.0%</b>	<b>5.2</b>	<b>\$25,904</b>	<b>3.7%</b>	<b>76.7%</b>



APPENDIX A

Clinical Classifications Software Categories and Chapter Headings		Number of Discharges	Percent of Discharges	Length of Stay	Mean Total Charges	Percent Expired	Percent Admitted from ED
<b>Diseases of the digestive system</b>	Intestinal infection	1,039	9.1%	4.7	\$18,286	2.4%	81.4%
	Disorders of teeth and jaw	93	0.8%	2.6	\$19,280	0.0%	32.3%
	Diseases of mouth; excluding dental	67	0.6%	4.3	\$18,868	0.0%	62.7%
	Esophageal disorders	394	3.5%	4.1	\$22,322	0.5%	65.7%
	Gastroduodenal ulcer (except hemorrhage)	134	1.2%	6.0	\$31,931	3.7%	70.1%
	Gastritis and duodenitis	319	2.8%	3.6	\$17,261	0.6%	80.6%
	Other disorders of stomach and duodenum	283	2.5%	5.1	\$21,881	0.0%	65.7%
	Appendicitis and other appendiceal conditions	766	6.7%	3.1	\$22,964	0.4%	81.2%
	Abdominal hernia	741	6.5%	5.0	\$30,986	1.2%	29.6%
	Regional enteritis and ulcerative colitis	280	2.5%	5.6	\$25,859	0.0%	62.9%
	Intestinal obstruction without hernia	1,105	9.7%	6.7	\$32,295	2.1%	79.2%
	Diverticulosis and diverticulitis	1,075	9.5%	4.7	\$22,240	0.5%	64.7%
	Anal and rectal conditions	127	1.1%	5.1	\$22,912	0.0%	59.1%
	Peritonitis and intestinal abscess	123	1.1%	7.3	\$36,378	5.7%	63.4%
	Biliary tract disease	1,313	11.6%	3.6	\$22,454	0.5%	61.2%
	Other liver diseases	406	3.6%	6.3	\$30,790	7.4%	75.4%
	Pancreatic disorders (not diabetes)	957	8.4%	5.2	\$23,029	0.7%	80.9%
	Gastrointestinal hemorrhage	1,100	9.7%	4.4	\$23,861	3.3%	78.9%
	Noninfectious gastroenteritis	326	2.9%	3.3	\$13,818	0.6%	78.5%
	Other gastrointestinal disorders	718	6.3%	5.4	\$26,829	1.4%	53.2%
<b>Total</b>	<b>11,366</b>	<b>100.0%</b>	<b>4.8</b>	<b>\$24,251</b>	<b>1.5%</b>	<b>69.0%</b>	
<b>Diseases of the genitourinary system</b>	Nephritis; nephrosis; renal sclerosis	50	0.9%	4.9	\$30,666	0.0%	60.0%
	Acute and unspecified renal failure	1,819	33.3%	5.7	\$23,566	3.3%	80.4%
	Chronic renal failure	44	0.8%	6.4	\$63,817	0.0%	27.3%
	Urinary tract infections	1,867	34.2%	4.4	\$15,563	1.6%	78.3%
	Calculus of urinary tract	541	9.9%	2.2	\$13,935	0.6%	69.3%
	Other diseases of kidney and ureters	145	2.7%	3.9	\$26,011	0.0%	33.1%
	Other diseases of bladder and urethra	54	1.0%	7.2	\$57,248	0.0%	48.1%
	Genitourinary symptoms and ill-defined conditions	86	1.6%	4.1	\$17,673	2.3%	74.4%
	Hyperplasia of prostate	70	1.3%	3.1	\$17,161	1.4%	40.0%
	Inflammatory conditions of male genital organs	68	1.2%	3.6	\$13,943	0.0%	70.6%
	Other male genital disorders	28	0.5%	4.5	\$26,414	0.0%	71.4%
	Nonmalignant breast conditions	43	0.8%	4.0	\$19,143	0.0%	58.1%
	Inflammatory diseases of female pelvic organs	106	1.9%	3.0	\$15,654	0.0%	63.2%
	Endometriosis	59	1.1%	2.3	\$16,005	0.0%	6.8%
	Prolapse of female genital organs	116	2.1%	1.5	\$18,372	0.0%	0.0%
	Menstrual disorders	116	2.1%	2.8	\$21,066	0.0%	16.4%
	Ovarian cyst	107	2.0%	2.9	\$18,748	0.0%	36.4%
	Menopausal disorders	25	0.5%	2.0	\$15,271	0.0%	28.0%
	Female infertility	0	0.0%	N/A	N/A	N/A	N/A
	Other female genital disorders	113	2.1%	3.3	\$20,964	0.0%	17.7%
<b>Total</b>	<b>5,457</b>	<b>100.0%</b>	<b>4.4</b>	<b>\$19,761</b>	<b>1.7%</b>	<b>68.8%</b>	
<b>Complications of pregnancy, childbirth, &amp; the puerperium</b>	Contraceptive and procreative management	2	0.0%	1.5	\$12,647	0.0%	0.0%
	Spontaneous abortion	14	0.1%	1.4	\$7,864	0.0%	57.1%
	Induced abortion	14	0.1%	2.1	\$7,281	0.0%	21.4%
	Postabortion complications	5	0.0%	4.0	\$16,403	0.0%	60.0%
	Ectopic pregnancy	29	0.2%	1.7	\$14,854	0.0%	93.1%
	Other complications of pregnancy	1,244	10.4%	2.4	\$7,947	0.0%	21.3%
	Hemorrhage during pregnancy; abruptio placenta; placenta previa	155	1.3%	4.5	\$12,126	0.0%	23.9%
	Hypertension complicating pregnancy; childbirth and the puerperium	724	6.0%	3.7	\$11,457	0.0%	16.9%
	Early or threatened labor	547	4.6%	3.4	\$8,226	0.0%	21.6%
	Prolonged pregnancy	613	5.1%	2.6	\$7,683	0.0%	0.8%
	Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	248	2.1%	2.7	\$7,915	0.0%	3.6%

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Clinical Classifications Software Categories and Chapter Headings		Number of Discharges	Percent of Discharges	Length of Stay	Mean Total Charges	Percent Expired	Percent Admitted from ED
	Malposition; malpresentation	449	3.7%	3.2	\$11,291	0.0%	2.0%
	Fetopelvic disproportion; obstruction	108	0.9%	2.6	\$9,398	0.0%	3.7%
	Previous C-section	1,484	12.4%	2.8	\$10,967	0.0%	1.3%
	Fetal distress and abnormal forces of labor	589	4.9%	3.0	\$10,129	0.0%	3.9%
	Polyhydramnios and other problems of amniotic cavity	572	4.8%	3.8	\$9,993	0.0%	7.5%
	Umbilical cord complication	486	4.1%	2.9	\$8,135	0.0%	5.8%
	OB-related trauma to perineum and vulva	2,549	21.3%	2.2	\$6,718	0.0%	3.8%
	Forceps delivery	51	0.4%	2.4	\$7,970	0.0%	2.0%
	Other complications of birth; puerperium affecting management of mother	1,616	13.5%	3.2	\$9,884	0.1%	10.7%
	Normal pregnancy and/or delivery	488	4.1%	2.2	\$7,086	0.0%	5.7%
	<b>Total</b>	<b>11,987</b>	<b>100.0%</b>	<b>2.8</b>	<b>\$8,921</b>	<b>0.0%</b>	<b>8.5%</b>
<b>Diseases of the skin and subcutaneous tissue</b>	Skin and subcutaneous tissue infections	1,914	88.2%	3.9	\$13,989	0.5%	72.4%
	Other inflammatory condition of skin	33	1.5%	4.9	\$20,439	0.0%	72.7%
	Chronic ulcer of skin	190	8.8%	12.1	\$43,527	0.0%	38.9%
	Other skin disorders	33	1.5%	2.8	\$14,724	0.0%	36.4%
	<b>Total</b>	<b>2,170</b>	<b>100.0%</b>	<b>4.6</b>	<b>\$16,685</b>	<b>0.5%</b>	<b>68.9%</b>
<b>Diseases of the musculo-skeletal system and connective tissue</b>	Infective arthritis and osteomyelitis (except that caused by tuberculosis or STD)	319	4.5%	10.9	\$48,871	0.9%	52.4%
	Rheumatoid arthritis and related disease	37	0.5%	4.8	\$28,126	0.0%	56.8%
	Osteoarthritis	3,153	44.4%	2.9	\$34,025	0.0%	0.8%
	Other non-traumatic joint disorders	156	2.2%	3.4	\$30,421	0.6%	41.0%
	Spondylosis; intervertebral disc disorders; other back	2,107	29.7%	2.8	\$40,681	0.0%	17.1%
	Osteoporosis	2	0.0%	2.5	\$16,184	0.0%	0.0%
	Pathological fracture	189	2.7%	6.5	\$35,871	2.1%	61.4%
	Acquired foot deformities	55	0.8%	3.2	\$36,259	0.0%	0.0%
	Other acquired deformities	260	3.7%	3.6	\$68,022	0.4%	1.2%
	Systemic lupus erythematosus and connective tissue	73	1.0%	7.4	\$36,278	2.7%	60.3%
	Other connective tissue disease	469	6.6%	4.7	\$25,843	0.6%	61.2%
	Other bone disease and musculoskeletal deformities	278	3.9%	3.5	\$60,393	0.4%	14.4%
<b>Total</b>	<b>7,098</b>	<b>100.0%</b>	<b>3.5</b>	<b>\$38,380</b>	<b>0.2%</b>	<b>15.9%</b>	
<b>Congenital anomalies</b>	Cardiac and circulatory congenital anomalies	240	35.9%	19.4	\$306,848	4.2%	6.7%
	Digestive congenital anomalies	107	16.0%	13.2	\$113,862	0.9%	38.3%
	Genitourinary congenital anomalies	64	9.6%	2.8	\$28,043	0.0%	9.4%
	Nervous system congenital anomalies	43	6.4%	10.8	\$105,452	0.0%	7.0%
	Other congenital anomalies	214	32.0%	6.8	\$78,343	0.0%	7.5%
	<b>Total</b>	<b>668</b>	<b>100.0%</b>	<b>12.2</b>	<b>\$163,056</b>	<b>1.6%</b>	<b>12.3%</b>
<b>Certain conditions originating in the perinatal period</b>	Short gestation; low birth weight; and fetal growth	44	8.0%	25.0	\$70,327	0.0%	0.0%
	Intrauterine hypoxia and birth asphyxia	14	2.5%	27.7	\$199,853	0.0%	0.0%
	Respiratory distress syndrome	39	7.1%	18.0	\$69,133	2.6%	0.0%
	Hemolytic jaundice and perinatal jaundice	130	23.6%	2.4	\$8,876	0.0%	37.7%
	Birth trauma	5	0.9%	5.8	\$57,104	0.0%	0.0%
	Other perinatal conditions	320	58.0%	10.4	\$72,985	1.6%	43.8%
	<b>Total</b>	<b>552</b>	<b>100.0%</b>	<b>10.6</b>	<b>\$60,477</b>	<b>1.1%</b>	<b>34.2%</b>
<b>Injury and poisoning</b>	Joint disorders and dislocations; trauma-related	64	0.7%	3.4	\$29,663	0.0%	46.9%
	Fracture of neck of femur (hip)	784	8.8%	5.4	\$36,193	1.9%	82.9%
	Spinal cord injury	76	0.8%	11.6	\$86,076	6.6%	61.8%
	Skull and face fractures	191	2.1%	4.2	\$25,970	1.0%	65.4%
	Fracture of upper limb	400	4.5%	3.7	\$23,460	0.5%	74.0%
	Fracture of lower limb	694	7.7%	4.8	\$32,440	0.4%	77.5%
	Other fractures	808	9.0%	5.0	\$26,272	1.6%	73.4%
	Sprains and strains	87	1.0%	3.1	\$16,776	0.0%	55.2%
	Intracranial injury	824	9.2%	6.4	\$34,895	8.1%	72.8%

APPENDIX A

Clinical Classifications Software Categories and Chapter Headings		Number of Discharges	Percent of Discharges	Length of Stay	Mean Total Charges	Percent Expired	Percent Admitted from ED
	Crushing injury or internal injury	329	3.7%	7.4	\$45,790	5.8%	79.6%
	Open wounds of head; neck; and trunk	119	1.3%	3.4	\$21,708	0.8%	79.8%
	Open wounds of extremities	103	1.1%	4.3	\$21,024	0.0%	72.8%
	Complication of device; implant or graft	1,829	20.4%	6.2	\$44,392	2.0%	42.2%
	Complications of surgical procedures or medical care	1,481	16.5%	6.0	\$28,278	1.4%	53.2%
	Superficial injury; contusion	113	1.3%	3.7	\$15,594	0.0%	75.2%
	Burns	15	0.2%	4.5	\$18,026	0.0%	73.3%
	Poisoning by psychotropic agents	277	3.1%	3.5	\$17,180	0.7%	74.4%
	Poisoning by other medications and drugs	463	5.2%	2.9	\$15,234	2.2%	81.2%
	Poisoning by nonmedicinal substances	39	0.4%	4.3	\$28,369	2.6%	69.2%
	Other injuries and conditions due to external causes	264	2.9%	4.3	\$26,378	3.0%	78.0%
	<b>Total</b>	<b>8,960</b>	<b>100.0%</b>	<b>5.4</b>	<b>\$32,357</b>	<b>2.3%</b>	<b>65.1%</b>
<b>Liveborn</b>	Liveborn	11,124	100.0%	3.6	\$7,550	0.5%	0.0%
	<b>Total</b>	<b>11,124</b>	<b>100.0%</b>	<b>3.6</b>	<b>\$7,550</b>	<b>0.5%</b>	<b>0.0%</b>
<b>Other conditions</b>	Syncope	613	16.3%	2.5	\$14,274	0.3%	77.5%
	Fever of unknown origin	152	4.0%	3.7	\$15,610	0.7%	71.7%
	Lymphadenitis	71	1.9%	2.9	\$13,819	0.0%	74.6%
	Gangrene	114	3.0%	10.7	\$53,546	4.4%	39.5%
	Shock	5	0.1%	4.4	\$32,458	0.0%	100.0%
	Nausea and vomiting	77	2.0%	3.6	\$14,080	0.0%	67.5%
	Abdominal pain	364	9.7%	3.0	\$12,591	0.5%	67.0%
	Malaise and fatigue	44	1.2%	2.6	\$10,352	0.0%	75.0%
	Allergic reactions	102	2.7%	3.0	\$13,235	0.0%	78.4%
	Rehabilitation care; fitting of prostheses; and adjustment of devices	1,511	40.1%	12.6	\$29,693	0.1%	0.6%
	Administrative/ social admission	4	0.1%	1.5	\$1,951	0.0%	25.0%
	Medical examination/ evaluation	24	0.6%	3.2	\$32,960	0.0%	0.0%
	Other aftercare	417	11.1%	6.6	\$5,748	59.5%	3.1%
	Other screening for suspected conditions (not mental disorders or infectious disease)	12	0.3%	2.8	\$12,500	0.0%	50.0%
	Residual codes; unclassified	255	6.8%	2.7	\$13,361	1.6%	60.4%
	<b>Total</b>	<b>3,765</b>	<b>100.0%</b>	<b>7.4</b>	<b>\$20,574</b>	<b>7.0%</b>	<b>34.0%</b>
<b>Total All CCS Diagnostic Codes</b>		<b>110,276</b>	<b>100.0%</b>	<b>4.7</b>	<b>\$25,768</b>	<b>2.4%</b>	<b>49.2%</b>

## APPENDIX B

### Clinical classification system for Ecodes:

Ecodes are supplementary classifications of external causes of injury and poisoning. They provide additional information regarding the nature of the condition, or to allow more detailed analysis of the external cause of the diagnosis. Ecodes were coded according to the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM). These codes were then aggregated into broader diagnostic categories using the Clinical Classification System (CCS) developed by the Agency of Healthcare Research and Quality (AHRQ). The CCS classification system for Ecodes is used to categorize clinically similar diagnoses for ease in presentation and interpretation of hospital discharge data. A complete listing of CCS Ecodes and selected corresponding measures are presented below.

### B1. Number and Percent of Discharges, Mean Length of Stay, Mean Charges, Percent Expired, and Percent Admitted from the Emergency Department, by Ecode, Delaware Hospitals, 2012

Clinical Classifications Software Categories for Ecodes	Number of Discharges	Percent of Discharges	Mean LOS	Mean Total Charges	Percent Expired	Percent Admitted from ED
E Codes: Cut/pierce	120	1.3%	4.4	\$21,534	1.7	95.0
E Codes: Drowning/submersion	8	0.1%	2.9	\$27,706	0.0	75.0
E Codes: Fall	3,255	34.3%	5.2	\$28,566	3.3	93.8
E Codes: Fire/burn	27	0.3%	9.6	\$37,636	0.0	81.5
E Codes: Firearms	113	1.2%	8.6	\$56,798	8.8	90.3
E Codes: Machinery	23	0.2%	6.0	\$28,286	0.0	95.7
E Codes: Motor vehicle traffic (MVT)	759	8.0%	5.8	\$39,808	3.3	94.7
E Codes: Pedal cyclist; not MVT	60	0.6%	3.0	\$20,518	0.0	85.0
E Codes: Pedestrian; not MVT	11	0.1%	5.7	\$34,855	0.0	100.0
E Codes: Transport; not MVT	105	1.1%	5.4	\$40,195	1.9	96.2
E Codes: Natural/environment	178	1.9%	3.5	\$17,542	0.6	88.2
E Codes: Overexertion	83	0.9%	3.8	\$24,367	0.0	81.9
E Codes: Poisoning	709	7.5%	3.8	\$19,373	1.0	91.4
E Codes: Struck by; against	229	2.4%	4.1	\$22,834	0.9	85.6
E Codes: Suffocation	54	0.6%	10.7	\$81,916	20.4	90.7
E Codes: Adverse effects of medical care	1,378	14.5%	14.2	\$115,257	3.0	36.3
E Codes: Adverse effects of medical drugs	1,522	16.0%	6.7	\$48,224	1.3	72.4
E Codes: Other specified and classifiable	301	3.2%	8.8	\$42,204	2.3	56.1
E Codes: Other specified; NEC	171	1.8%	10.5	\$55,076	1.2	72.5
E Codes: Unspecified	376	4.0%	6.4	\$36,430	4.0	74.5
E Codes: Place of occurrence	19	0.2%	3.5	\$28,090	10.5	94.7
<b>Total</b>	<b>9,501</b>	<b>100.0%</b>	<b>6.9</b>	<b>\$45,998</b>	<b>2.7</b>	<b>79.1</b>

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

APPENDIX C

C1. Number of All-listed Procedures Performed during the Inpatient Stay, by Procedure and Sex of Patient, Delaware Hospitals, 2012

Single level CCS Procedure Categories and Chapter Headings		Male	Female	Total
<b>Operations on the nervous system</b>	Incision and excision of CNS	254	206	460
	Insertion; replacement; or removal of extracranial ventricular shunt	74	52	126
	Laminectomy; excision intervertebral disc	890	864	1,754
	Diagnostic spinal tap	530	560	1,090
	Insertion of catheter or spinal stimulator and injection into spinal canal	135	90	225
	Decompression peripheral nerve	22	23	45
	Other diagnostic nervous system procedures	18	28	46
	Other non-OR or closed therapeutic nervous system procedures	37	57	94
	Other OR therapeutic nervous system procedures	358	300	658
<b>Total</b>	<b>2,318</b>	<b>2,180</b>	<b>4,498</b>	
<b>Operations on the endocrine system</b>	Thyroidectomy; partial or complete	20	89	109
	Diagnostic endocrine procedures	7	11	18
	Other therapeutic endocrine procedures	104	87	191
<b>Total</b>	<b>131</b>	<b>187</b>	<b>318</b>	
<b>Operations on the eye</b>	Glaucoma procedures	1	3	4
	Lens and cataract procedures	0	2	2
	Repair of retinal tear; detachment	0	0	0
	Destruction of lesion of retina and choroid	1	2	3
	Diagnostic procedures on eye	2	1	3
	Other therapeutic procedures on eyelids; conjunctiva; cornea	72	43	115
	Other intraocular therapeutic procedures	4	5	9
	Other extraocular muscle and orbit therapeutic procedures	9	14	23
<b>Total</b>	<b>89</b>	<b>70</b>	<b>159</b>	
<b>Operations on the ear</b>	Tympanoplasty	1	1	2
	Myringotomy	102	71	173
	Mastoidectomy	6	2	8
	Diagnostic procedures on ear	12	7	19
	Other therapeutic ear procedures	35	28	63
<b>Total</b>	<b>156</b>	<b>109</b>	<b>265</b>	
<b>Operations on the nose, mouth, and pharynx</b>	Control of epistaxis	53	49	102
	Plastic procedures on nose	33	28	61
	Dental procedures	162	117	279
	Tonsillectomy and/or adenoidectomy	93	83	176
	Diagnostic procedures on nose; mouth and pharynx	40	29	69
	Other non-OR therapeutic procedures on nose; mouth and pharynx	106	55	161
	Other OR therapeutic procedures on nose; mouth and pharynx	185	117	302
<b>Total</b>	<b>672</b>	<b>478</b>	<b>1,150</b>	
<b>Operations on the respiratory system</b>	Tracheostomy; temporary and permanent	159	112	271
	Tracheoscopy and laryngoscopy with biopsy	114	101	215
	Lobectomy or pneumonectomy	129	114	243
	Diagnostic bronchoscopy and biopsy of bronchus	459	408	867
	Other diagnostic procedures on lung and bronchus	17	13	30
	Incision of pleura; thoracentesis; chest drainage	844	692	1,536
	Other diagnostic procedures of respiratory tract and mediastinum	68	50	118
	Other non-OR therapeutic procedures on respiratory system	171	103	274
	Other OR Rx procedures on respiratory system and mediastinum	171	87	258
<b>Total</b>	<b>2,132</b>	<b>1,680</b>	<b>3,812</b>	
<b>Operations on the cardiovascular system</b>	Heart valve procedures	278	207	485
	Coronary artery bypass graft (CABG)	780	275	1,055
	Percutaneous transluminal coronary angioplasty (PTCA)	1,266	607	1,873
	Coronary thrombolysis	0	0	0
	Diagnostic cardiac catheterization; coronary arteriography	5,527	3,772	9,299
	Insertion; revision; replacement; removal of cardiac pacemaker or	680	666	1,346
	Other OR heart procedures	392	289	681
Extracorporeal circulation auxiliary to open heart procedures	610	318	928	

APPENDIX C

Single level CCS Procedure Categories and Chapter Headings		Male	Female	Total
	Endarterectomy; vessel of head and neck	184	119	303
	Aortic resection; replacement or anastomosis	109	38	147
	Varicose vein stripping; lower limb	1	0	1
	Other vascular catheterization; not heart	3,088	3,309	6,397
	Peripheral vascular bypass	141	106	247
	Other vascular bypass and shunt; not heart	29	22	51
	Creation; revision and removal of arteriovenous fistula or vessel-to-vessel cannula for dialysis	68	66	134
	Hemodialysis	1,298	955	2,253
	Other OR procedures on vessels of head and neck	142	148	290
	Embolectomy and endarterectomy of lower limbs	81	73	154
	Other OR procedures on vessels other than head and neck	3,203	1,973	5,176
	Other diagnostic cardiovascular procedures	160	140	300
	Other non-OR therapeutic cardiovascular procedures	1,171	655	1,826
	<b>Total</b>	<b>19,208</b>	<b>13,738</b>	<b>32,946</b>
<b>Operations on the hemic and lymphatic system</b>	Bone marrow transplant	38	16	54
	Bone marrow biopsy	171	125	296
	Procedures on spleen	41	40	81
	Other therapeutic procedures; hemic and lymphatic system	338	521	859
	<b>Total</b>	<b>588</b>	<b>702</b>	<b>1,290</b>
<b>Operations on the digestive system</b>	Injection or ligation of esophageal varices	3	1	4
	Esophageal dilatation	29	32	61
	Upper gastrointestinal endoscopy; biopsy	1,637	1,905	3,542
	Gastrostomy; temporary and permanent	247	222	469
	Colostomy; temporary and permanent	70	93	163
	Ileostomy and other enterostomy	77	69	146
	Gastrectomy; partial and total	68	211	279
	Small bowel resection	173	212	385
	Colonoscopy and biopsy	611	746	1,357
	Proctoscopy and anorectal biopsy	105	105	210
	Colorectal resection	489	569	1,058
	Local excision of large intestine lesion (not endoscopic)	6	11	17
	Appendectomy	442	461	903
	Hemorrhoid procedures	13	8	21
	Endoscopic retrograde cannulation of pancreas (ERCP)	37	44	81
	Biopsy of liver	112	94	206
	Cholecystectomy and common duct exploration	428	767	1,195
	Inguinal and femoral hernia repair	108	33	141
	Other hernia repair	318	602	920
	Laparoscopy (GI only)	68	67	135
	Abdominal paracentesis	503	472	975
	Exploratory laparotomy	22	23	45
	Excision; lysis peritoneal adhesions	259	742	1,001
	Peritoneal dialysis	37	56	93
	Other bowel diagnostic procedures	17	20	37
	Other non-OR upper GI therapeutic procedures	381	274	655
	Other OR upper GI therapeutic procedures	232	429	661
	Other non-OR lower GI therapeutic procedures	349	268	617
	Other OR lower GI therapeutic procedures	449	505	954
	Other gastrointestinal diagnostic procedures	81	160	241
	Other non-OR gastrointestinal therapeutic procedures	391	517	908
Other OR gastrointestinal therapeutic procedures	338	462	800	
	<b>Total</b>	<b>8,100</b>	<b>10,180</b>	<b>18,280</b>
<b>Operations on the urinary system</b>	Endoscopy and endoscopic biopsy of the urinary tract	182	305	487
	Transurethral excision; drainage; or removal urinary obstruction	237	151	388
	Ureteral catheterization	312	496	808
	Nephrotomy and nephrostomy	66	77	143

APPENDIX C

Single level CCS Procedure Categories and Chapter Headings		Male	Female	Total
	Nephrectomy; partial or complete	126	73	199
	Kidney transplant	20	14	34
	Genitourinary incontinence procedures	2	52	54
	Extracorporeal lithotripsy; urinary	15	9	24
	Indwelling catheter	169	94	263
	Procedures on the urethra	61	2	63
	Other diagnostic procedures of urinary tract	46	50	96
	Other non-OR therapeutic procedures of urinary tract	79	162	241
	Other OR therapeutic procedures of urinary tract	161	215	376
	<b>Total</b>	<b>1,476</b>	<b>1,700</b>	<b>3,176</b>
<b>Operations on the male genital organs</b>	Transurethral resection of prostate (TURP)	74	0	74
	Open prostatectomy	68	0	68
	Circumcision	4,482	22	4,504
	Diagnostic procedures; male genital	10	0	10
	Other non-OR therapeutic procedures; male genital	53	0	53
	Other OR therapeutic procedures; male genital	98	0	98
	<b>Total</b>	<b>4,785</b>	<b>22</b>	<b>4,807</b>
<b>Operations on the female genital organs</b>	Oophorectomy; unilateral and bilateral	0	656	656
	Other operations on ovary	0	107	107
	Ligation or occlusion of fallopian tubes	0	729	729
	Other operations on fallopian tubes	0	115	115
	Hysterectomy; abdominal and vaginal	0	780	780
	Other excision of cervix and uterus	0	108	108
	Abortion (termination of pregnancy)	0	7	7
	Dilatation and curettage (D&C); aspiration after delivery or abortion	0	46	46
	Diagnostic dilatation and curettage (D&C)	0	27	27
	Repair of cystocele and rectocele; obliteration of vaginal vault	0	65	65
	Other diagnostic procedures; female organs	0	72	72
	Other non-OR therapeutic procedures; female organs	0	40	40
	Other OR therapeutic procedures; female organs	0	272	272
	<b>Total</b>	<b>0</b>	<b>3,024</b>	<b>3,024</b>
<b>Obstetrical procedures</b>	Removal of ectopic pregnancy	0	23	23
	Episiotomy	0	249	249
	Cesarean section	1	3,631	3,632
	Forceps; vacuum; and breech delivery	0	730	730
	Artificial rupture of membranes to assist delivery	0	3,162	3,162
	Other procedures to assist delivery	0	9,590	9,590
	Diagnostic amniocentesis	0	2	2
	Fetal monitoring	2	5,651	5,653
	Repair of current obstetric laceration	0	3,845	3,845
	Other therapeutic obstetrical procedures	0	228	228
	<b>Total</b>	<b>3</b>	<b>27,111</b>	<b>27,114</b>
<b>Operations on the musculoskeletal system</b>	Partial excision bone	610	548	1,158
	Bunionectomy or repair of toe deformities	8	8	16
	Treatment; facial fracture or dislocation	103	28	131
	Treatment; fracture or dislocation of radius and ulna	104	138	242
	Treatment; fracture or dislocation of hip and femur	426	601	1,027
	Treatment; fracture or dislocation of lower extremity (other than hip or femur)	460	380	840
	Other fracture and dislocation procedure	312	296	608
	Arthroscopy	10	14	24
	Division of joint capsule; ligament or cartilage	26	32	58
	Excision of semilunar cartilage of knee	9	12	21
	Arthroplasty knee	928	1,504	2,432
	Hip replacement; total and partial	925	1,209	2,134

APPENDIX C

Single level CCS Procedure Categories and Chapter Headings		Male	Female	Total
	Arthroplasty other than hip or knee	71	107	178
	Arthrocentesis	135	120	255
	Injections and aspirations of muscles; tendons; bursa; joints and soft tissue	33	23	56
	Amputation of lower extremity	309	115	424
	Spinal fusion	2,301	2,382	4,683
	Other diagnostic procedures on musculoskeletal system	131	163	294
	Other therapeutic procedures on muscles and tendons	937	633	1,570
	Other OR therapeutic procedures on bone	413	415	828
	Other OR therapeutic procedures on joints	269	200	469
	Other non-OR therapeutic procedures on musculoskeletal system	560	727	1,287
	Other OR therapeutic procedures on musculoskeletal system	85	57	142
	<b>Total</b>	<b>9,165</b>	<b>9,712</b>	<b>18,877</b>
<b>Operations on the integumentary system</b>	Breast biopsy and other diagnostic procedures on breast	1	16	17
	Lumpectomy; quadrantectomy of breast	0	19	19
	Mastectomy	2	71	73
	Incision and drainage; skin and subcutaneous tissue	466	391	857
	Debridement of wound; infection or burn	453	339	792
	Excision of skin lesion	71	97	168
	Suture of skin and subcutaneous tissue	359	246	605
	Skin graft	162	126	288
	Other diagnostic procedures on skin and subcutaneous tissue	21	31	52
	Other non-OR therapeutic procedures on skin and breast	340	408	748
	Other OR therapeutic procedures on skin and breast	110	258	368
	<b>Total</b>	<b>1,985</b>	<b>2,002</b>	<b>3,987</b>
<b>Miscellaneous diagnostic and therapeutic procedures</b>	Other organ transplantation	4	7	11
	Computerized axial tomography (CT) scan head	2	4	6
	CT scan chest	19	29	48
	CT scan abdomen	20	27	47
	Other CT scan	18	21	39
	Myelogram	5	3	8
	Intraoperative cholangiogram	43	35	78
	Upper gastrointestinal X-ray	4	6	10
	Intravenous pyelogram	3	4	7
	Cerebral arteriogram	118	155	273
	Contrast aortogram	290	232	522
	Contrast arteriogram of femoral and lower extremity arteries	894	580	1,474
	Arterio- or venogram (not heart and head)	825	565	1,390
	Diagnostic ultrasound of head and neck	11	12	23
	Diagnostic ultrasound of heart (echocardiogram)	799	653	1,452
	Diagnostic ultrasound of gastrointestinal tract	27	20	47
	Diagnostic ultrasound of urinary tract	5	5	10
	Diagnostic ultrasound of abdomen or retroperitoneum	11	7	18
	Other diagnostic ultrasound	45	204	249
	Magnetic resonance imaging	109	114	223
	Electroencephalogram (EEG)	56	59	115
	Nonoperative urinary system measurements	4	5	9
	Cardiac stress tests	10	10	20
	Electrocardiogram	0	2	2
	Swan-Ganz catheterization for monitoring	37	33	70
	Arterial blood gases	1	0	1
	Microscopic examination (bacterial smear; culture; toxicology)	0	8	8



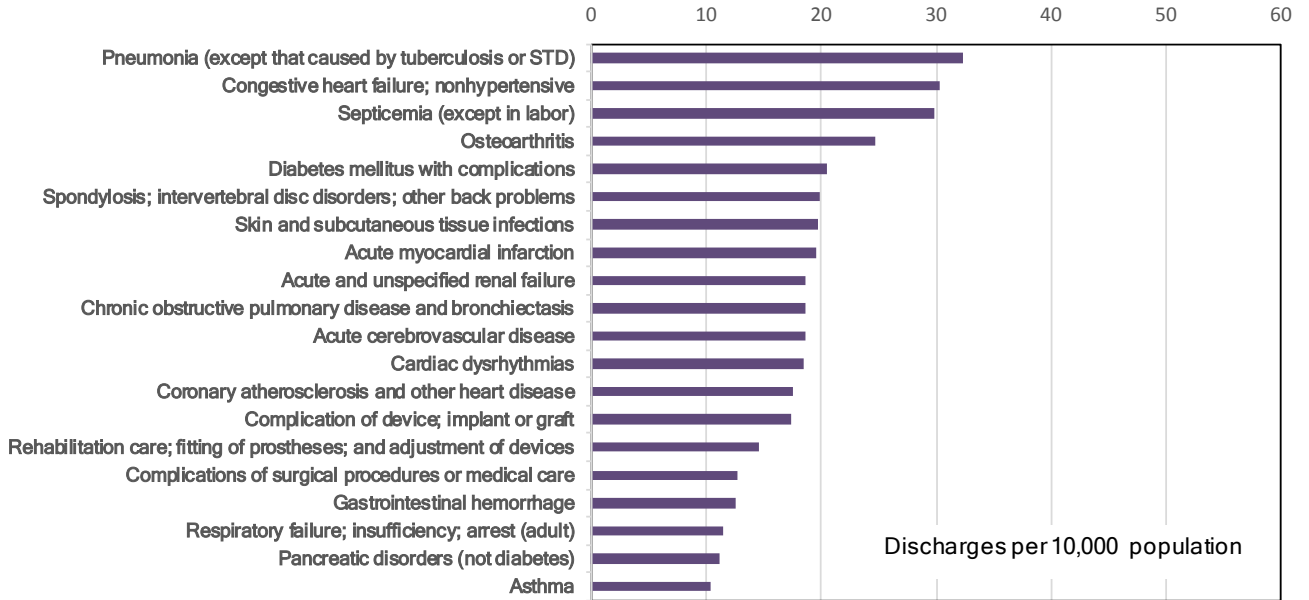
## APPENDIX C

Single level CCS Procedure Categories and Chapter Headings	Male	Female	Total
Radioisotope bone scan	2	0	2
Radioisotope pulmonary scan	2	6	8
Radioisotope scan and function studies	9	12	21
Other radioisotope scan	2	6	8
Therapeutic radiology for cancer treatment	64	60	124
Diagnostic physical therapy	3	1	4
Physical therapy exercises; manipulation; and other procedures	304	338	642
Traction; splints; and other wound care	205	209	414
Other physical therapy and rehabilitation	407	435	842
Respiratory intubation and mechanical ventilation	4,778	4,530	9,308
Other respiratory therapy	4	3	7
Psychological and psychiatric evaluation and therapy	12	33	45
Alcohol and drug rehabilitation/detoxification	81	27	108
Ophthalmologic and otologic diagnosis and treatment	2,809	2,828	5,637
Nasogastric tube	111	121	232
Blood transfusion	4,254	4,757	9,011
Enteral and parenteral nutrition	420	468	888
Cancer chemotherapy	430	335	765
Conversion of cardiac rhythm	530	379	909
Other diagnostic radiology and related techniques	332	448	780
Other diagnostic procedures (interview; evaluation; consultation)	2,033	2,298	4,331
Prophylactic vaccinations and inoculations	3,477	3,941	7,418
Nonoperative removal of foreign body	62	35	97
Other therapeutic procedures	7,782	11,068	18,850
<b>Total</b>	<b>31,473</b>	<b>35,138</b>	<b>66,611</b>

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

APPENDIX D

D1. Annual Hospitalization Rates for 20 Most Frequent Diagnoses\* of Males, All Delaware Residents, 2012

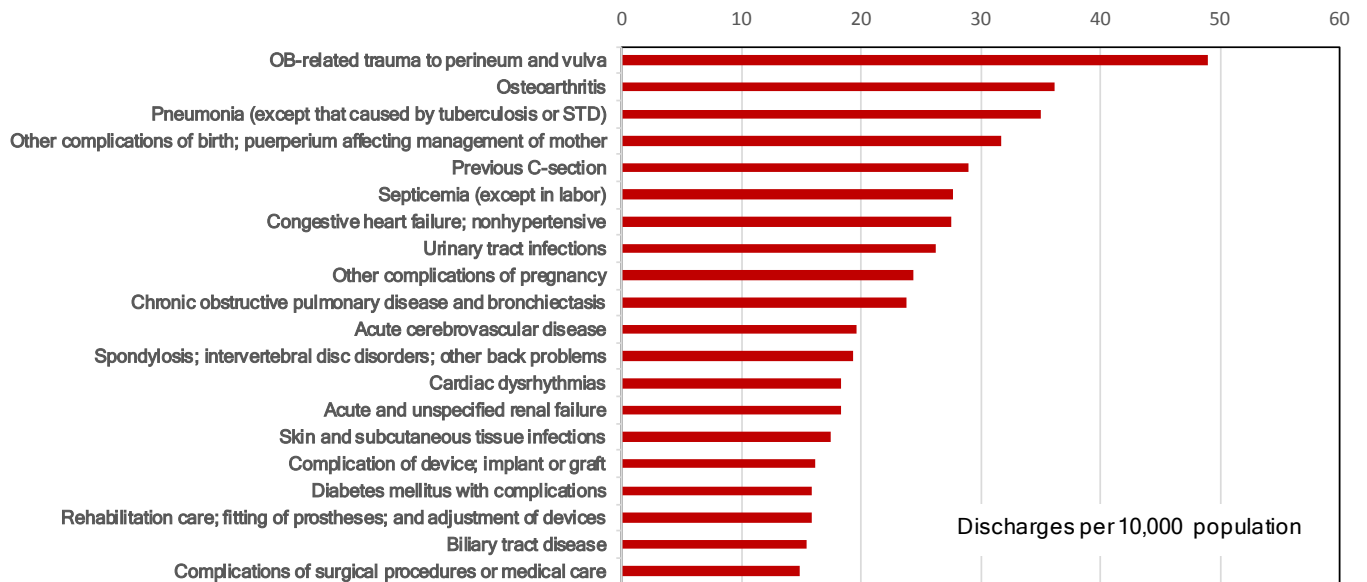


Note: Calculations based on total population.

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

\*Excluding liveborn infants.

D2. Annual Hospitalization Rates for 20 Most Frequent Diagnoses\* of Females, All Delaware Residents, 2012



Note: Calculations based on total population.

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

\*Excluding liveborn infants.



APPENDIX F

2012 Delaware Hospitalizations

**F1. Top 10 Most Frequent Diagnoses for Medicare, Delaware Hospitals, 2012**

<i>CCS Diagnosis</i>	<i>Number of Discharges</i>	<i>Percent of hospitalizations for this condition billed to Medicare</i>
Congestive heart failure; nonhypertensive	2,391	5.4%
Pneumonia (except that caused by tuberculosis or STD)	2,055	4.6%
Septicemia (except in labor)	2,020	4.5%
Osteoarthritis	1,852	4.2%
Chronic obstructive pulmonary disease and bronchiectasis	1,509	3.4%
Cardiac dysrhythmias	1,348	3.0%
Acute and unspecified renal failure	1,345	3.0%
Acute cerebrovascular disease	1,333	3.0%
Urinary tract infections	1,255	2.8%
Rehabilitation care; fitting of prostheses; and adjustment of devices	1,133	2.5%

**F2. Top 10 Most Frequent Diagnoses for Medicaid, Delaware Hospitals, 2012**

<i>CCS Diagnosis</i>	<i>Number of Discharges</i>	<i>Percent of hospitalizations for this condition billed to Medicaid</i>
Liveborn	5,750	21.4%
OB-related trauma to perineum and vulva	1,021	3.8%
Other complications of birth; puerperium affecting management of mother	791	2.9%
Previous C-section	732	2.7%
Other complications of pregnancy	717	2.7%
Pneumonia (except that caused by tuberculosis or STD)	619	2.3%
Asthma	545	2.0%
Diabetes mellitus with complications	509	1.9%
Skin and subcutaneous tissue infections	485	1.8%
Septicemia (except in labor)	331	1.2%

**F3. Top 10 Most Frequent Diagnoses for Privately Insured, Delaware Hospitals, 2012**

<i>CCS Diagnosis</i>	<i>Number of Discharges</i>	<i>Percent of hospitalizations for this condition billed to Private Insurers</i>
Liveborn	4,811	14.8%
OB-related trauma to perineum and vulva	1,366	4.2%
Osteoarthritis	1,013	3.1%
Other complications of birth; puerperium affecting management of mother	737	2.3%
Spondylosis; intervertebral disc disorders; other back problems	720	2.2%
Previous C-section	665	2.1%
Pneumonia (except that caused by tuberculosis or STD)	654	2.0%
Skin and subcutaneous tissue infections	514	1.6%
Biliary tract disease	484	1.5%
Acute myocardial infarction	474	1.5%

**F4. Top 10 Most Frequent Diagnoses for Uninsured, Delaware Hospitals, 2012**

<i>CCS Diagnosis</i>	<i>Number of Discharges</i>	<i>Percent of hospitalizations for this condition billed to Uninsured Patients</i>
Mood disorders	131	4.4%
Skin and subcutaneous tissue infections	124	4.2%
Liveborn	121	4.1%
Diabetes mellitus with complications	103	3.5%
Acute myocardial infarction	99	3.3%
Alcohol-related disorders	81	2.7%
Pneumonia (except that caused by tuberculosis or STD)	73	2.5%
Biliary tract disease	67	2.3%
Pancreatic disorders (not diabetes)	65	2.2%
Asthma	62	2.1%

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**G1. Conditions with the Highest Number of In-Hospital Deaths by Age Group<sup>1</sup>  
Delaware Hospitals, 2012**

Diagnosis	Age Group in Years					TOTAL
	Under 1	0-17	18-44	45-64	65+	
Septicemia (except in labor)	0	5	12	101	290	408
Other aftercare	0	0	7	61	180	248
Acute cerebrovascular disease	0	0	9	40	107	156
Respiratory failure; insufficiency; arrest (adult)	0	2	8	32	105	147
Aspiration pneumonitis; food/vomitus	0	1	1	8	83	93
Pneumonia (except that caused by tuberculosis or STD)	1	2	0	12	76	91
Congestive heart failure; nonhypertensive	0	0	1	9	75	85
Acute myocardial infarction	0	0	2	17	59	78
Secondary malignancies	0	1	3	27	44	75
Intracranial injury	0	3	10	12	42	67
Acute and unspecified renal failure	0	0	1	7	52	60
Cancer of bronchus; lung	0	0	1	12	34	47
Complication of device; implant or graft	0	2	3	8	24	37
Gastrointestinal hemorrhage	0	0	1	12	23	36
Cardiac arrest and ventricular fibrillation	1	0	2	8	23	34
Other liver diseases	0	0	2	20	8	30
Crushing injury or internal injury	0	2	5	7	5	19
Aortic; peripheral; and visceral artery aneurysms	0	1	0	3	12	16
Leukemias	0	3	3	4	6	16
Mood disorders	0	0	9	4	0	13
Cardiac and circulatory congenital anomalies	9	1	0	0	0	10
Poisoning by other medications and drugs	0	0	4	5	1	10
Substance-related disorders	0	0	6	4	0	10
Cancer of brain and nervous system	0	1	2	4	2	9
Other injuries and conditions due to external causes	1	1	0	3	3	8
HIV infection	0	0	4	2	1	7
Other perinatal conditions	5	0	0	0	0	5
Malignant neoplasm without specification of site	0	1	0	1	1	3
No diagnosis	3	0	0	0	0	3
Meningitis (except that caused by tuberculosis or STD)	1	1	0	0	0	2
Bacterial infection; unspecified site	1	0	0	0	0	1
Digestive congenital anomalies	1	0	0	0	0	1
<b>All Discharges to Death</b>	<b>84</b>	<b>35</b>	<b>129</b>	<b>626</b>	<b>1,750</b>	<b>2,624</b>

**Notes:**

1. Diagnoses selected by taking the top ten diagnoses for each age group.

Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center













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