

2006 REPORT



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**HSS**, a nationally recognized leader in solutions for streamlining coding, regulatory and reimbursement processes, has completed its third annual national study of inpatient coding performance utilizing its **Hospital INSIGHT™** analytical and benchmarking tool. This study identifies the top 200 hospitals in the nation with the most complete and compliant coding practices.



This study of coding practices in our nation's hospitals is especially timely in light of the impending move by CMS to adopt a system of severity-adjusted DRGs like the All-Payer Severity-adjusted DRGs® (APS-DRGs) supported by Ingenix. To be successful under a reimbursement scheme built on APS-DRGs, hospitals need to code their cases more completely than they do under the current CMS DRG system. At the same time, severity-adjusted DRGs create new compliance risks for hospitals. Under these circumstances, accurate and complete coding fully supported by clinical documentation is critical.

Fifty hospitals were identified as "top performers" in each of four peer groups, using newly released 2005 Medicare data as the basis for measuring performance. These four peer groups are:

- Rural, Non-Teaching
- Urban, Non-Teaching
- Minor Teaching (< 100 residents & interns)
- Major Teaching (100+ residents & interns)

## The Analysis

Our experts analyzed the recently released 2005 Medicare Provider Analysis and Review (MedPAR) file, limiting the study to hospitals with enough discharges to support a rigorous analysis. We also excluded hospitals with higher levels of specialization, measured in terms of the hospital's spread of cases across Major Diagnostic Categories (MDCs); surgical case load; and its long-term care and critical access status. A total of 3,165 hospitals were included in the analysis and were distributed across the groups in the following manner:

- 812 Rural, Non-Teaching
- 1,319 Urban, Non-Teaching
- 796 Minor Teaching
- 238 Major Teaching

Within each of these four groups, we identified the 50 hospitals that achieved the best combination of complete and compliant coding. More specifically, we identified hospitals that achieved higher than expected Medicare Casemix Indexes (CMIs), a good indication of effective documentation and coding practices, without engaging in risky practices as measured by our "OIG Report Card," one of the standard reports included in Hospital INSIGHT.

The OIG Report Card tabulates the frequency with which “high (upcoding) risk” DRGs occur among a hospital’s cases as a fraction of cases in DRGs with the potential to be grouped into the high-risk category. For example, one measure describes the number of times that cases group into septicemia (DRG 416) as a fraction of all cases in either DRG 416 or in DRGs indicating urinary tract infections for patients over the age of 17. For this analysis we computed each hospital’s aggregate “OIG Risk Score” across the 15 high-risk DRG scenarios included in the OIG Report Card. The OIG Risk Score is computed as the overall rate of coding into the high risk DRGs. Lower OIG Risk Scores suggest a lower risk of upcoding, and more compliant coding performance.

In each of the four peer groups, we determined the top 50 coding hospitals in two steps. First, hospitals with CMIs above their predicted CMI and OIG Risk Scores below their predicted OIG Risk Score were identified. Then, from these hospitals, we selected the 50 hospitals that had the largest combined percent variance from their predicted CMI and OIG Risk Score. The following tables show these results and list the Top 200 Coding Hospitals, 50 in each of the hospital peer groups.

## About Ingenix

Ingenix unites the brightest minds to transform and improve health care through information and technology. Organizations rely on Ingenix innovation to improve the delivery and operation of their business and to increase the quality of care by systematically identifying and eliminating duplication, waste, and inefficiency in critical functional areas.

We were founded in 1996 to develop, acquire, and integrate some of the nation’s best-in-class health care information capabilities. Our significant and rapidly evolving portfolio of tools and services now transform data into actionable, fact-based, technology-enabled decision support. Today there is an Ingenix product at work in nearly every U.S. health care organization.

This breadth and depth of experience affords Ingenix a singular perspective on the U.S. health care market and an unparalleled ability to address your unique requirements.

# TOP MAJOR TEACHING CODING HOSPITALS

Rank	Medicare Provider Number	Hospital Name	State	Casemix Index	OIG Risk Score	% Above Expected CMI	% Below Expected OIG Risk Score
<b>1</b>	330221	WYCKOFF HEIGHTS MEDICAL CENTER	NY	1.380	32.2%	9%	22%
<b>2</b>	050696	UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY HOSPITAL	CA	2.139	35.0%	8%	17%
<b>3</b>	330080	LINCOLN MEDICAL & MENTAL HEALTH CENTER	NY	1.178	28.8%	6%	21%
<b>4</b>	360152	DOCTORS HOSPITAL	OH	1.588	32.9%	8%	14%
<b>5</b>	100128	TAMPA GENERAL HOSPITAL	FL	2.103	36.3%	6%	18%
<b>6</b>	330395	ST JOHN'S ESPISCOPAL HOSPITAL SOUTH SHORE	NY	1.395	42.1%	8%	12%
<b>7</b>	330196	CONEY ISLAND HOSPITAL	NY	1.370	37.2%	11%	9%
<b>8</b>	390090	THE WESTERN PENNSYLVANIA HOSPITAL	PA	1.828	37.1%	9%	6%
<b>9</b>	330396	WOODHULL MEDICAL AND MENTAL HEALTH CENTER	NY	1.371	36.1%	12%	5%
<b>10</b>	360180	THE CLEVELAND CLINIC	OH	2.242	38.7%	11%	5%
<b>11</b>	450193	ST LUKE'S EPISCOPAL HOSPITAL	TX	2.031	38.3%	10%	4%
<b>12</b>	330160	STATEN ISLAND UNIVERSITY HOSPITAL- NOTH SITE	NY	1.595	38.8%	7%	5%
<b>13</b>	100034	MOUNT SINAI MEDICAL CENTER	FL	1.902	37.1%	8%	4%
<b>14</b>	450068	MEMORIAL HERMANN HOSPITAL- TEXAS MEDICAL CENTER	TX	2.077	39.1%	5%	7%
<b>15</b>	140281	NORTHWESTERN MEMORIAL HOSPITAL	IL	1.682	37.1%	4%	8%
<b>16</b>	330027	NASSAU UNIVERSITY MEDICAL CENTER	NY	1.434	37.1%	11%	3%
<b>17</b>	390028	MERCY HOSPITAL	PA	1.566	37.9%	6%	5%
<b>18</b>	310014	COOPER UNIVERSITY HOSPITAL	NJ	1.917	37.1%	8%	4%
<b>19</b>	360059	METROHEALTH MEDICAL CENTER	OH	1.574	38.5%	5%	6%
<b>20</b>	030024	SAINT JOSEPH'S HOSPITAL AND MEDICAL CENTER	AZ	2.056	38.9%	3%	9%
<b>21</b>	330072	OUR LADY OF MERCY MEDICAL CENTER	NY	1.327	39.8%	6%	5%
<b>22</b>	330234	WESTCHESTER MEDICAL CENTER	NY	2.260	36.6%	5%	5%
<b>23</b>	390174	THOMAS JEFFERSON UNIVERSITY HOSPITAL	PA	1.637	35.7%	4%	7%
<b>24</b>	440104	ERLANGER HOSPITAL	TN	1.822	38.2%	3%	9%
<b>25</b>	390050	ALLEGHENY GENERAL HOSPITAL	PA	1.962	39.6%	4%	6%

# TOP MAJOR TEACHING CODING HOSPITALS

Rank	Medicare Provider Number	Hospital Name	State	Casemix Index	OIG Risk Score	% Above Expected CMI	% Below Expected OIG Risk Score
<b>26</b>	060024	UNIVERSITY OF COLORADO HOSPITAL	CO	1.801	38.2%	5%	5%
<b>27</b>	330193	FLUSHING HOSPITAL MEDICAL CENTER	NY	1.285	41.9%	5%	5%
<b>28</b>	450021	BAYLOR UNIVERSITY MEDICAL CENTER	TX	1.827	41.6%	7%	3%
<b>29</b>	450358	THE METHODIST HOSPITAL	TX	1.973	40.9%	6%	4%
<b>30</b>	360020	SUMMA HEALTH SYSTEMS HOSPITALS	OH	1.622	43.4%	5%	5%
<b>31</b>	150056	CLARIAN HEALTH PARTNERS	IN	1.900	40.1%	4%	5%
<b>32</b>	340030	DUKE UNIVERSITY HOSPITAL	NC	2.034	41.8%	7%	3%
<b>33</b>	330357	CATHOLIC MEDICAL CENTER OF BROOKLYN QUEENS	NY	1.279	38.3%	3%	8%
<b>34</b>	140208	ADVOCATE CHRIST MEDICAL CENTER	IL	1.649	40.0%	5%	4%
<b>35</b>	330397	INTERFAITH MEDICAL CENTER	NY	1.379	39.1%	11%	2%
<b>36</b>	390111	HOSPITAL OF UNIVERSITY OF PENNSYLVANIA	PA	2.043	35.4%	2%	8%
<b>37</b>	330127	JACOBI MEDICAL CENTER	NY	1.334	35.9%	4%	4%
<b>38</b>	330233	THE BROOKDALE UNIVERSITY HOSPITAL AND MEDICAL CENTER	NY	1.474	41.1%	8%	2%
<b>39</b>	030002	BANNER GOOD SAMARITAN MEDICAL CENTER	AZ	2.096	40.5%	4%	4%
<b>40</b>	140119	RUSH UNIVERSITY MEDICAL CENTER	IL	1.769	40.0%	5%	3%
<b>41</b>	500008	UNIVERSITY OF WASHINGTON MEDICAL CENTER	WA	1.950	39.1%	4%	4%
<b>42</b>	330055	NY HOSPITAL QUEENS	NY	1.558	43.8%	4%	4%
<b>43</b>	420004	MEDICAL UNIVERSITY HOSPITAL	SC	1.991	37.5%	5%	3%
<b>44</b>	330013	ALBANY MEDICAL CENTER	NY	1.987	35.8%	1%	10%
<b>45</b>	080001	CHRISTIANA HOSPITAL	DE	1.622	39.4%	3%	4%
<b>46</b>	450686	UNIVERSITY MEDICAL CENTER	TX	1.679	39.5%	4%	4%
<b>47</b>	310015	MORRISTOWN MEMORIAL HOSPITAL	NJ	1.964	40.6%	5%	3%
<b>48</b>	390049	ST LUKES HOSPITAL OF BETHLEHEM	PA	1.619	39.0%	3%	4%
<b>49</b>	490009	UNIVERSITY OF VIRGINIA MEDICAL CENTER	VA	2.010	41.5%	4%	3%
<b>50</b>	180088	NORTON HOSPITAL	KY	1.631	41.5%	3%	4%

# TOP MINOR TEACHING CODING HOSPITALS

Rank	Medicare Provider Number	Hospital Name	State	Casemix Index	OIG Risk Score	% Above Expected CMI	% Below Expected OIG Risk Score
<b>1</b>	260162	BARNES-JEWISH WEST COUNTY HOSPITAL	MO	1.310	32.0%	12%	21%
<b>2</b>	410010	WOMEN AND INFANTS HOSPITAL OF RI	RI	1.205	36.7%	19%	10%
<b>3</b>	330201	KINGSBROOK JEWISH MEDICAL CENTER	NY	1.638	42.6%	10%	17%
<b>4</b>	140301	OAK FOREST HOSPITAL	IL	1.262	36.3%	16%	10%
<b>5</b>	050096	DOCTORS HOSPITAL OF WEST COVINA, INC	CA	1.273	22.1%	4%	38%
<b>6</b>	050584	DOCTORS HOSPITAL MEDICAL CENTER OF MONTCLAIR	CA	1.432	46.4%	7%	14%
<b>7</b>	100032	BAYFRONT MEDICAL CENTER INC	FL	1.784	36.5%	7%	10%
<b>8</b>	360197	MARY RUTAN HOSPITAL	OH	1.145	35.2%	5%	13%
<b>9</b>	390116	MERCY SUBURBAN HOSPITAL	PA	1.258	37.8%	8%	8%
<b>10</b>	100015	SUN COAST HOSPITAL	FL	1.385	38.6%	10%	5%
<b>11</b>	360017	GRANT MEDICAL CENTER	OH	1.796	38.4%	6%	10%
<b>12</b>	030019	TEMPE ST LUKE'S HOSPITAL	AZ	1.322	39.4%	6%	9%
<b>13</b>	230077	ST MARY'S OF MICHIGAN MEDICAL CENTER	MI	2.022	39.6%	9%	5%
<b>14</b>	050411	KAISER PERMANENTE SOUTH BAY MEDICAL CENTER	CA	1.450	43.1%	4%	12%
<b>15</b>	400109	SAN PABLO HOSPITAL	PR	1.398	33.7%	3%	16%
<b>16</b>	330385	NORTH CENTRAL BRONX HOSPITAL	NY	1.151	32.1%	7%	7%
<b>17</b>	060031	PENROSE HOSPITAL	CO	1.547	39.9%	6%	7%
<b>18</b>	150089	BALL MEMORIAL HOSPITAL	IN	1.579	38.6%	4%	11%
<b>19</b>	180029	HAZARD ARH REGIONAL MEDICAL CENTER	KY	1.360	38.3%	5%	9%
<b>20</b>	100040	ST VINCENTS	FL	1.700	36.9%	5%	9%
<b>21</b>	400015	SAN JUAN MUNICIPAL HOSPITAL	PR	1.353	34.9%	4%	11%
<b>22</b>	290007	UNIVERSITY MEDICAL CENTER	NV	1.648	38.0%	7%	5%
<b>23</b>	060065	NORTH SUBURBAN MEDICAL CENTER	CO	1.391	39.8%	5%	7%
<b>24</b>	050137	KAISER PERMANENTE PANORAMA CITY MEDICAL CENTER	CA	1.292	43.7%	8%	4%
<b>25</b>	140094	ST ELIZABETH HOSPITAL	IL	1.039	34.3%	3%	10%

# TOP MINOR TEACHING CODING HOSPITALS

Rank	Medicare Provider Number	Hospital Name	State	Casemix Index	OIG Risk Score	% Above Expected CMI	% Below Expected OIG Risk Score
<b>26</b>	520140	COLUMBIA SAINT MARY'S	WI	1.653	39.3%	5%	6%
<b>27</b>	310074	JERSEY CITY MEDICAL CENTER	NJ	1.255	36.5%	6%	5%
<b>28</b>	510055	CABELL HUNTINGTON HOSPITAL	WV	1.523	39.1%	3%	11%
<b>29</b>	140008	GOTTLIEB MEMORIAL HOSPITAL	IL	1.448	36.3%	3%	10%
<b>30</b>	100238	NORTHSIDE HOSPITAL	FL	1.621	37.4%	3%	9%
<b>31</b>	360101	HURON HOSPITAL	OH	1.347	38.5%	5%	6%
<b>32</b>	100038	MEMORIAL REGIONAL HOSPITAL	FL	1.952	42.7%	7%	4%
<b>33</b>	440133	BAPTIST HOSPITAL	TN	1.655	42.8%	5%	6%
<b>34</b>	230204	HENRY FORD BI-COUNTY COMMUNITY HOSPITAL	MI	1.325	38.6%	3%	8%
<b>35</b>	440183	ST FRANCIS HOSPITAL	TN	1.619	40.2%	5%	5%
<b>36</b>	340014	FORSYTH MEDICAL CENTER	NC	1.577	39.2%	4%	6%
<b>37</b>	280081	IMMANUEL MEDICAL CENTER	NE	1.586	41.2%	7%	3%
<b>38</b>	390102	UNIVERSITY OF PITTSBURGH MEDICAL CENTER SAINT MARGARET	PA	1.409	41.8%	10%	2%
<b>39</b>	220090	MILFORD REGIGONAL MEDICAL CENTER	MA	1.196	37.4%	5%	5%
<b>40</b>	390267	WESTERN PENNSYLVANIA HOSPITAL - FORBES REGIONAL CAMPUS	PA	1.185	36.1%	2%	11%
<b>41</b>	390036	THE MEDICAL CENTER BEAVER	PA	1.461	36.9%	2%	9%
<b>42</b>	100296	DOCTORS HOSPITAL	FL	1.353	37.0%	3%	7%
<b>43</b>	330066	ST CLARE'S HOSPITAL	NY	1.341	39.1%	5%	4%
<b>44</b>	360052	GOOD SAMARITAN HOSPITAL	OH	1.623	42.6%	4%	5%
<b>45</b>	360192	UNIVERSITY HOSPITAL HEALTH SYSTEM GEAUGA REGIONAL HOSPITAL	OH	1.301	41.5%	2%	9%
<b>46</b>	450690	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	1.428	40.5%	3%	7%
<b>47</b>	490112	CHIPPENHAM MEDICAL CENTER	VA	1.645	41.2%	5%	4%
<b>48</b>	450809	SAINT DAVID'S NORTH AUSTIN MEDICAL CENTER	TX	1.575	36.6%	2%	11%
<b>49</b>	360062	UNIVERSITY HOSPITAL EAST	OH	1.488	40.7%	3%	6%
<b>50</b>	230277	HURON VALLEY-SINAI HOSPITAL	MI	1.389	40.5%	4%	5%

# TOP URBAN, NON-TEACHING CODING HOSPITALS

Rank	Medicare Provider Number	Hospital Name	State	Casemix Index	OIG Risk Score	% Above Expected CMI	% Below Expected OIG Risk Score
<b>1</b>	450253	BELLVILLE GENERAL HOSPITAL	TX	0.950	25.6%	10%	34%
<b>2</b>	400115	HOSPITAL WILMA N VAZQUEZ	PR	1.160	27.6%	4%	35%
<b>3</b>	400017	SAN CARLOS GENERAL HOSPITAL	PR	1.123	31.9%	8%	17%
<b>4</b>	050189	GEORGE L MEE MEMORIAL HOSPITAL	CA	1.042	34.7%	14%	9%
<b>5</b>	400120	HOSPITAL INTERAMERICANO DE MEDICINA	PR	1.295	34.5%	9%	13%
<b>6</b>	400087	HOSPITAL REGIONAL DR CAYETANO COLL Y TOSTE	PR	1.235	31.4%	7%	18%
<b>7</b>	400013	HOSPITAL MENONITA DE CAYEY	PR	1.232	34.4%	6%	18%
<b>8</b>	110045	BARROW COMMUNITY HOSPITAL	GA	1.133	35.1%	5%	20%
<b>9</b>	450771	PRESBYTERIAN HOSP OF PLANO	TX	1.762	37.4%	7%	14%
<b>10</b>	440168	METHODIST HEALTHCARE FAYETTE HOSPITAL	TN	0.971	34.5%	5%	18%
<b>11</b>	450865	SETON SOUTHWEST HEALTHCARE CENTER	TX	1.118	33.3%	3%	25%
<b>12</b>	050420	ROBERT F KENNEDY MEDICAL CENTER	CA	1.178	41.9%	10%	8%
<b>13</b>	260034	BATES COUNTY MEMORIAL HOSPITAL	MO	0.959	31.1%	5%	15%
<b>14</b>	050727	COMMUNITY HOSPITAL OF LONG BEACH	CA	1.306	41.5%	9%	8%
<b>15</b>	010055	FLOWERS HOSPITAL	AL	1.528	36.4%	7%	11%
<b>16</b>	010145	NORTHPORT MEDICAL CENTER	AL	1.386	35.7%	4%	17%
<b>17</b>	330205	ST ANTHONY COMMUNITY HOSPITAL	NY	1.290	43.0%	6%	12%
<b>18</b>	050002	ST ROSE HOSPITAL	CA	1.380	43.0%	9%	7%
<b>19</b>	310105	GREENVILLE HOSPITAL	NJ	1.226	36.0%	6%	9%
<b>20</b>	400123	CLINICA DR PEREA, INC	PR	1.213	35.2%	6%	11%
<b>21</b>	420065	BON SECOURS ST FRANCIS HOSPITAL	SC	1.421	39.0%	7%	9%
<b>22</b>	330218	OSWEGO HOSPITAL	NY	1.074	37.1%	5%	11%
<b>23</b>	450078	ANSON GENERAL HOSPITAL	TX	0.956	28.9%	2%	25%
<b>24</b>	040142	HEALTHPARK HOSPITAL	AR	1.426	29.0%	2%	33%
<b>25</b>	290010	BOULDER CITY HOSPITAL	NV	1.048	34.4%	3%	16%

# TOP URBAN, NON-TEACHING CODING HOSPITALS

Rank	Medicare Provider Number	Hospital Name	State	Casemix Index	OIG Risk Score	% Above Expected CMI	% Below Expected OIG Risk Score
26	030037	ST LUKE'S MEDICAL CENTER	AZ	2.263	42.1%	8%	7%
27	220003	ATHOL MEMORIAL HOSPITAL	MA	1.080	38.5%	7%	7%
28	400006	DOCTORS COMMUNITY HOSPITAL	PR	1.164	38.9%	6%	9%
29	150157	ST VINCENT CARMEL HOSPITAL	IN	1.534	42.3%	7%	7%
30	450072	BRAZOSPORT REGIONAL HEALTH SYSTEMS	TX	1.173	35.4%	5%	9%
31	100237	NORTH RIDGE MEDICAL CENTER	FL	1.915	37.1%	4%	11%
32	010034	COMMUNITY HOSPITAL	AL	0.998	32.7%	3%	14%
33	330030	NEWARK-WAYNE COMMUNITY HOSPITAL	NY	1.229	43.1%	8%	6%
34	330041	PARKWAY HOSPITAL	NY	1.254	38.6%	5%	9%
35	140233	OSF SAINT ANTHONY MEDICAL CENTER	IL	1.616	39.4%	7%	6%
36	440197	SOUTHERN HILLS MEDICAL CENTER	TN	1.308	35.7%	4%	12%
37	360038	DEACONESS HOSPITAL	OH	1.511	43.9%	6%	7%
38	010144	SPRINGHILL MEDICAL CENTER	AL	1.572	36.9%	5%	8%
39	050663	LOS ANGELES COMMUNITY HOSPITAL	CA	1.141	33.2%	2%	17%
40	110042	WELLSTAR PAULDING HOSPITAL	GA	1.083	35.0%	3%	13%
41	360118	MEDCENTRAL HEALTH SYSTEM	OH	1.539	36.9%	5%	8%
42	010084	HEALTHSOUTH MEDICAL CENTER	AL	1.506	39.0%	3%	11%
43	290021	VALLEY HOSPITAL MEDICAL CENTER	NV	1.788	40.9%	10%	4%
44	140185	MEMORIAL HOSPITAL	IL	1.450	40.6%	4%	9%
45	100242	GULF COAST MEDICAL CENTER	FL	1.435	40.2%	3%	13%
46	340060	MOREHEAD MEMORIAL HOSPITAL	NC	1.117	37.3%	3%	11%
47	040138	NORTHWEST MEDICAL CENTER OF BENTON COUNTY	AR	1.347	34.5%	2%	14%
48	360029	WOOD COUNTY HOSPITAL	OH	1.139	31.8%	2%	15%
49	190013	WEST CALCASIEU CAMERON HOSPITAL	LA	1.497	42.6%	4%	8%
50	100050	PALM SPRINGS GENERAL HOSPITAL	FL	1.135	32.2%	4%	9%

# TOP RURAL, NON-TEACHING CODING HOSPITALS

Rank	Medicare Provider Number	Hospital Name	State	Casemix Index	OIG Risk Score	% Above Expected CMI	% Below Expected OIG Risk Score
1	250159	ALLIANCE LAIRD HOSPITAL	MS	0.877	34.6%	11%	20%
2	060049	YAMPA VALLEY MEDICAL CENTER	CO	1.388	31.6%	7%	29%
3	280108	PHELPS MEMORIAL HEALTH CENTER	NE	1.065	34.7%	9%	8%
4	170022	ATCHISON HOSPITAL	KS	1.122	40.3%	5%	12%
5	150013	SULLIVAN COUNTY COMMUNITY HOSPITAL	IN	1.007	35.2%	4%	16%
6	250044	BAPTIST MEMORIAL HOSPITAL BOONEVILLE	MS	1.042	36.9%	4%	13%
7	240087	STEVENS COMMUNITY MEMORIAL HOSPITAL	MN	1.023	32.4%	3%	14%
8	260012	COX-MONETT HOSPITAL	MO	1.143	40.5%	6%	8%
9	270032	NORTHERN MONTANA HOSPITAL	MT	1.040	36.3%	8%	5%
10	140190	CRAWFORD MEMORIAL HOSPITAL AND HEALTH SERVICES	IL	1.075	38.7%	2%	14%
11	160048	RINGGOLD COUNTY HOSPITAL	IA	1.044	35.1%	3%	11%
12	160092	SHENANDOAH MEDICAL CENTER	IA	0.993	40.6%	4%	7%
13	440020	HILLSIDE HOSPITAL	TN	1.031	37.8%	3%	11%
14	450144	PERMIAN REGIONAL MEDICAL CENTER	TX	1.068	35.2%	3%	9%
15	450187	TRINITY COMMUNITY MEDICAL CENTER	TX	1.173	40.8%	5%	6%
16	320065	LEA REGIONAL MEDICAL CENTER	NM	1.148	41.3%	8%	3%
17	180080	BAPTIST REGIONAL MEDICAL CENTER	KY	1.286	41.4%	4%	7%
18	170098	HOSPITAL DISTRICT 1 CRAWFORD COUNTY	KS	0.988	34.2%	1%	18%
19	320011	ESPANOLA HOSPITAL	NM	1.120	37.2%	2%	10%
20	160034	ELLSWORTH MUNICIPAL HOSPITAL	IA	0.977	34.5%	3%	8%
21	370007	NEWMAN MEMORIAL HOSPITAL	OK	1.059	33.0%	1%	15%
22	010010	MARSHALL MEDICAL NORTH	AL	1.046	35.1%	2%	9%
23	270021	SIDNEY HEALTH CENTER	MT	1.040	38.5%	4%	5%
24	330263	CARTHAGE AREA HOSPITAL	NY	1.024	33.3%	1%	14%
25	450539	COVENANT HOSPITAL PLAINVIEW	TX	1.185	41.2%	3%	7%

# TOP RURAL, NON-TEACHING CODING HOSPITALS

Rank	Medicare Provider Number	Hospital Name	State	Casemix Index	OIG Risk Score	% Above Expected CMI	% Below Expected OIG Risk Score
<b>26</b>	160124	LAKES REGIONAL HEALTHCARE	IA	1.157	40.0%	5%	3%
<b>27</b>	360125	ASHTABULA COUNTY MEDICAL CENTER	OH	1.227	43.8%	5%	4%
<b>28</b>	390236	MEMORIAL HOSPITAL	PA	1.173	41.3%	4%	5%
<b>29</b>	370019	GREAT PLAINS REGIONAL MEDICAL CENTER	OK	1.229	44.5%	2%	6%
<b>30</b>	180020	MIDDLESBORO ARH HOSPITAL	KY	1.063	38.8%	5%	3%
<b>31</b>	160039	CASS COUNTY MEMORIAL HOSPITAL	IA	0.985	30.7%	2%	7%
<b>32</b>	360011	MARION GENERAL HOSPITAL	OH	1.312	37.5%	2%	7%
<b>33</b>	340160	MURPHY MEDICAL CENTER	NC	1.298	50.6%	4%	3%
<b>34</b>	360106	HOCKING VALLEY COMMUNITY HOSPITAL	OH	1.114	41.2%	4%	3%
<b>35</b>	420016	BARNWELL COUNTY HOSPITAL	SC	0.980	39.0%	2%	6%
<b>36</b>	450201	REEVES COUNTY HOSPITAL	TX	0.993	37.9%	3%	4%
<b>37</b>	080006	NANTICOKE MEMORIAL HOSPITAL	DE	1.282	38.3%	1%	6%
<b>38</b>	110026	ELBERT MEMORIAL HOSPITAL	GA	1.106	41.4%	2%	5%
<b>39</b>	360058	Mercer County Community Hospital	OH	1.071	35.2%	1%	10%
<b>40</b>	180004	MUHLENBERG COMMUNITY HOSPITAL	KY	1.080	40.8%	1%	5%
<b>41</b>	250097	SOUTHWEST MISSISSIPPI REGIONAL MEDICAL CENTER	MS	1.567	38.5%	3%	2%
<b>42</b>	140011	HERRIN HOSPITAL	IL	1.150	38.0%	1%	7%
<b>43</b>	360096	EAST LIVERPOOL CITY HOSPITAL	OH	1.118	39.5%	1%	6%
<b>44</b>	330096	JONES MEMORIAL HOSPITAL	NY	1.231	48.3%	2%	3%
<b>45</b>	100102	SHANDS AT LAKE SHORE	FL	1.138	38.7%	2%	3%
<b>46</b>	490127	BUCHANAN GENERAL HOSPITAL	VA	1.163	39.8%	0%	15%
<b>47</b>	010049	MEDICAL CENTER ENTERPRISE	AL	1.145	40.2%	4%	1%
<b>48</b>	170142	MERCY REGIONAL HEALTH CENTER	KS	1.348	40.3%	2%	3%
<b>49</b>	440130	BAPTIST MEMORIAL HOSPITAL UNION CITY	TN	1.163	40.6%	4%	1%
<b>50</b>	230095	WEST BRANCH REGIONAL MEDICAL CENTER	MI	1.355	43.4%	1%	4%

# FREQUENTLY ASKED QUESTIONS

## **What specific hospital exclusions did you make?**

We limited the analysis to hospitals with at least 100 cases in the MedPAR file, and for which we had the information needed to determine its peer group. In addition, we excluded hospitals that appeared to be atypically specialized. To be included, hospitals needed to have:

- At least 13 Major Diagnostic Categories (MDCs) represented in the MedPAR file;
- Less than 50 percent of cases coming from any one MDC; and
- A surgical case load of less than 75 percent and greater than 5 percent.

Finally, we excluded Long-Term Care and Critical Access hospitals.

## **Why do you use peer groups?**

Peer groups are used in our analysis to ensure fair comparisons of hospital coding performance. Hospital characteristics such as teaching status and urban/rural location clearly affect the types of services offered by hospitals, as well as the patients they treat. These differences will likewise have an effect on the coding and documentation demands for the hospital. Thus, we evaluate each hospital's coding performance within the context of peer groups, comparing its performance against that of similar hospitals.

## **How does this study relate to the move by CMS to adopt severity-adjusted DRGs?**

This study of coding practices in our nation's hospitals is especially timely in light of the impending move by CMS to adopt a system of severity-adjusted DRGs like the All-Payer Severity-adjusted DRGs® (APS-DRGs). To be successful under a reimbursement scheme built on APS-DRGs, hospitals need to code their cases more completely than they do under the current CMS DRG system. At the same time, severity-

adjusted DRGs create new compliance risks for hospitals. Under these circumstances, accurate and complete coding fully supported by clinical documentation is critical.

## **What do APS-DRGs have to do with this CMS initiative?**

Over the next several months, CMS will be evaluating a version of APS-DRGs, along with other methodologies available in the market, as the basis for its hospital inpatient PPS. Independent analysis and evaluation has demonstrated that APS-DRGs are as good, or better, for Medicare reimbursement than other methodologies in which CMS has expressed interest.

## **What is different about this year's analysis as compared to last year's?**

For this year's analysis, we updated the DRG indicators that are included in the OIG Risk Score and that are also reported on Hospital INSIGHT's "OIG Report Card." These changes were made to include the most current "upcoding" target areas employed by CMS in its coding review programs, and to remove some measures that have proven to be ineffective at distinguishing coding performance. The total number of measures used to compute the OIG Risk Score remains at 15.

## **How do I get on the "Top Coding" hospital list?**

By design, the list of Top Coding hospitals includes hospitals that achieve the best combination of complete and compliant coding: those achieving higher than expected CMIs while maintaining lower than expected OIG Risk Scores. We believe that this "best combination" reflects more accurate and complete coding, which in turn allows a hospital to receive the reimbursement it deserves - maximum reimbursement that is compliant with coding and payment rules.

# FREQUENTLY ASKED QUESTIONS

Thus, the “simple” answer is that hospitals can get on the Top Coding list by increasing their CMIs, but doing it in a compliant fashion: by improving the accuracy and completeness of their coding and documentation. The real challenge, however, is identifying and targeting areas that need improvement—areas where incomplete coding may be resulting in lost revenue, or areas where overly aggressive coding may place the hospital at a compliance risk. To address this challenge, hospitals typically develop operational measures and audit tools for improvement, or hire consultants to do it for them.

We believe that using performance profiling tools such as Hospital INSIGHT provides a more effective means of addressing this challenge. Profiling coding and documentation performance allows hospitals to go beyond narrow operational metrics and evaluate themselves in an industry context, identifying areas where the hospital appears to be performing outside the norm. By establishing a routine and replicable evaluation process, profiling can be used as a basis for evaluating not only current performance, but also future changes in performance.

Ideally then, HIM management can become more of a data-driven process. Typical steps in this process include:

- Establishing quantitative baseline performance levels for the hospital overall, as well as for specific clinical areas (e.g., CC coding rates for selected DRGs);
- Conducting qualitative documentation, coding, and billing audits to identify deficiencies and vulnerabilities;
- Identifying and implementing remedial strategies;
- Assessing progress in quantitative terms; and
- Calculating financial implications of deficiencies and improvements.

These steps can then be repeated, and expanded as necessary, to provide an effective ongoing monitoring and improvement program. This performance profiling approach focuses efforts to improve coding, compliance, and reimbursement management in areas where the hospital stands out as a compliance risk, or where incomplete billing may be undermining reimbursement.

## **Can I get a copy of the detailed study results?**

Detailed study results will be made available to all licensed users of Hospital INSIGHT. This detailed report will include performance scores for all hospitals included in the study.

For more information on Hospital INSIGHT,  
call 800.765.6696,  
or email [insight@ingenix.com](mailto:insight@ingenix.com).



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