

urban versus rural performance by state under value-based purchasing

A state-by-state analysis of projected total performance scores (TPSs) for U.S. urban hospitals compared with those of U.S. rural hospitals under the Centers for Medicare & Medicaid Services' Value-Based Purchasing (VBP) Program discloses some remarkable disparities between these hospital settings across the nation.

Overall, the TPSs are quite similar for urban and rural facilities. However, there is a clear trend for rural facilities to score higher than their urban counterparts with regard to patient-experience-of-care measures (PEOC). Meanwhile, to a lesser degree, there is also a trend for urban hospitals to have higher clinical-process-of-care (CPOC) scores.

Hospitals can use data such as these to evaluate their own performance in comparison with that of peers and evaluate their own opportunities. These data are preliminary and not the actual

figures CMS will measure during the first year of the VBP program. The findings should be viewed as both a warning and an opportunity for low-performing hospitals. As a warning, should similar results also appear in the figures released by CMS in coming months, hospitals should be prepared to address the concerns and questions that will surely be raised by community interests and the media regarding lower results. Viewed as an opportunity, lower performers have a clear opportunity to improve their performance and enhance future Medicare payments under the inpatient prospective payment system. ●

This study builds on an earlier study published in the January 2012 issue of *hfm* (Klein, E., and Shoemaker, P., "Value-Based Purchasing: A Preview of Quality Scoring and Incentive Payments"), which described the VBP Program's design and assessed how hospitals might fare under the program. The same techniques that were used in the previous study to project a TPS for each hospital are used in this analysis.

This analysis was developed by American Hospital Directory, Louisville, Ky. For more information, contact William Shoemaker at wshoemaker@ahd.com.

State	CPOC—Urban	CPOC—Rural	PEOC—Urban	PEOC—Rural	TPS—Urban	TPS—Rural
AK	24.33	62.25	38.33	46.25	28.33	57.50
AL	44.86	46.68	43.64	41.11	44.50	45.00
AR	42.95	35.81	32.95	38.94	39.95	36.81
AZ	35.59	36.14	30.18	32.00	34.05	35.14
CA	41.71	38.88	23.71	35.47	36.34	37.88
CO	38.90	40.00	36.06	49.33	38.16	42.92
CT	36.57	36.50	25.87	34.50	33.39	36.00
DC	29.71		17.00		26.00	
DE	31.67	54.50	24.00	37.00	29.33	49.50
FL	52.43	51.25	27.24	27.00	44.97	43.94
GA	39.43	35.25	35.20	37.57	38.23	36.00
HI	34.38	39.00	32.38	32.80	33.75	37.20
IA	38.45	44.82	38.40	46.55	38.55	45.36

State	CPOC–Urban	CPOC–Rural	PEOC–Urban	PEOC–Rural	TPS–Urban	TPS–Rural
ID	35.22	31.00	34.11	55.00	35.11	38.25
IL	39.42	38.24	30.09	43.67	36.72	40.00
IN	40.11	41.52	42.24	50.67	40.83	44.24
KS	41.41	33.60	41.55	44.95	41.55	37.05
KY	29.78	45.17	38.26	41.47	32.39	44.00
LA	40.39	43.67	49.27	48.39	43.10	45.17
MA	42.91	53.00	37.91	46.00	41.47	51.00
MD	30.17	29.71	21.53	33.00	27.67	30.71
ME	47.82	46.73	45.55	58.00	47.09	50.27
MI	40.88	39.50	31.50	45.84	38.06	41.53
MN	40.24	38.25	39.06	44.42	40.03	40.21
MO	37.37	34.68	37.56	37.40	37.49	35.68
MS	48.06	37.50	39.13	45.45	45.38	39.86
MT	49.20	40.91	41.00	30.09	46.60	37.73
NC	43.98	44.84	42.73	46.59	43.59	45.35
ND	30.00	32.67	27.80	33.33	29.40	32.67
NE	52.69	49.54	45.38	34.69	50.54	45.23
NH	53.11	38.80	52.78	41.50	52.89	39.60
NJ	46.65		22.61		39.50	
NM	43.70	37.92	23.20	29.77	37.60	35.46
NV	35.37	58.33	25.95	31.67	32.47	50.67
NY	39.04	26.73	21.61	24.85	33.87	26.12
OH	41.66	37.50	28.28	47.17	37.69	40.44
OK	42.26	38.95	43.52	33.59	42.78	37.41
OR	37.44	32.50	33.08	34.57	36.16	33.21
PA	42.67	34.55	27.51	32.79	38.22	34.11
RI	33.27		32.73		33.18	
SC	43.82	41.79	49.30	34.14	45.55	39.43
SD	44.86	39.70	65.43	49.00	51.14	42.50
TN	42.34	41.19	37.64	42.48	41.04	41.67
TX	43.65	37.55	38.70	35.90	42.20	37.08
UT	35.58	33.00	37.37	42.67	36.16	36.00
VA	47.22	39.95	29.53	34.64	41.93	38.41
VT	33.00	51.89	52.50	52.67	38.50	52.22
WA	40.48	42.69	28.48	35.62	36.95	40.62
WI	38.13	44.97	45.43	47.93	40.37	45.93
WV	32.56	31.47	30.00	30.93	31.81	31.40
WY	37.50	45.20	17.00	42.60	31.50	44.50
National	41.47	39.64	32.17	40.30	38.74	39.89