

**National Summary Statistics for RHQDAPU clinical process measures  
as reported on Hospital Compare March 2009**

MEASURE DESIGNATION	MEASURE NAME	N	Mean	Standard Deviation	Standard Error	Skewness	Kurtosis	Coefficient of Variation	Percentiles				
									P10	P25	P50 (Median)	P75	P90
AMI-1	Heart Attack Patients Given Aspirin at Arrival	3,733	93.72	14.12	0.23	-4.43	23.53	15.07	83	95	99	100	100
AMI-2	Heart Attack Patients Given Aspirin at Discharge	3,657	91.98	15.55	0.26	-3.55	15.29	16.90	76	92	98	100	100
AMI-3	Heart Attack Patients Given ACE Inhibitor or ARB for Left Ventricular Systolic Dysfunction (LVSD)	3,073	89.73	19.67	0.35	-3.16	10.70	21.92	71	89	98	100	100
AMI-4	Heart Attack Patients Given Smoking Cessation Advice/Counseling	2,921	93.92	18.76	0.35	-3.97	15.77	19.98	86	99	100	100	100
AMI-5	Heart Attack Patients Given Beta Blocker at Discharge	3,669	92.54	15.97	0.26	-3.73	16.12	17.26	78	93	99	100	100
AMI-7A	Heart Attack Patients Given Fibrinolytic Medication Within 30 Minutes Of Arrival	895	40.60	40.43	1.35	0.35	-1.47	99.56	0	0	33	80	100
AMI-8A	Heart Attack Patients Given PCI Within 90 Minutes Of Arrival	1,480	72.53	21.41	0.56	-1.29	1.64	29.52	44	62	78	88	94.5
HF-1	Heart Failure Patients Given Discharge Instructions	4,139	72.97	25.16	0.39	-1.35	1.28	34.48	35	63	81	91	98
HF-2	Heart Failure Patients Given an Evaluation of Left Ventricular Systolic (LVS) Function	4,158	87.95	19.23	0.30	-2.59	7.03	21.86	65	87	96	99	100
HF-3	Heart Failure Patients Given ACE Inhibitor or ARB for Left Ventricular Systolic Dysfunction (LVSD)	3,983	88.27	15.09	0.24	-2.77	10.69	17.10	72	84	93	99	100
HF-4	Heart Failure Patients Given Smoking Cessation Advice/Counseling	3,911	90.52	20.70	0.33	-2.98	8.92	22.86	67	92	100	100	100
PN-1	Pneumonia Patients Given Oxygenation Assessment	4,227	99.22	3.32	0.05	-11.69	189.88	3.34	98	100	100	100	100
PN-2	Pneumonia Patients Assessed and Given Pneumococcal Vaccination	4,216	81.46	19.41	0.30	-1.99	4.41	23.83	57	76	88	94	98
PN-3B	Pneumonia Patients Whose Initial Emergency Room Blood Culture Was Performed Prior To The Administration Of The First Hospital Dose Of Antibiotics	4,098	90.28	11.53	0.18	-4.09	25.02	12.77	80	88	93	96	100
PN-4	Pneumonia Patients Given Smoking Cessation Advice/Counseling	4,151	87.39	21.16	0.33	-2.43	5.90	24.21	60	86	96	100	100
PN-5C	Pneumonia Patients Given Initial Antibiotic(s) within 6 Hours After Arrival	4,104	92.88	8.28	0.13	-3.96	26.01	8.92	85	91	95	98	100
PN-6	Pneumonia Patients Given the Most Appropriate Initial Antibiotic(s)	4,192	86.74	12.09	0.19	-3.25	16.79	13.93	75	83	89	94	97
PN-7	Pneumonia Patients Assessed and Given Influenza Vaccination	4,182	78.59	19.92	0.31	-1.75	3.42	25.34	53	71	84	92	97

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									P10	P25	P50 (Median)	P75	P90
SCIP-INF-1	Surgery patients who were given an antibiotic at the right time (within one hour before surgery) to help prevent infection	3,693	86.47	16.11	0.27	-2.83	9.77	18.63	69	84	92	96	98
SCIP-INF-2	Surgery patients who were given the right kind of antibiotic to help prevent infection	3,696	92.25	13.21	0.22	-4.59	24.99	14.32	85	92	96	98	99
SCIP-INF-3	Surgery patients whose preventive antibiotics were stopped at the right time (within 24 hours after surgery)	3,690	84.45	15.35	0.25	-2.34	7.47	18.18	67	80	89	94	98
SCIP-INF-4	all heart surgery patients whose blood sugar (blood glucose) is kept under good control in the days right after surgery	1,366	84.76	20.76	0.56	-2.87	8.68	24.49	67	83	91	96	100
SCIP-INF-6	Surgery patients needing hair removed from the surgical area before surgery, who had hair removed using a safer method (electric clippers or hair removal cream – not a razor)	3,705	95.26	12.60	0.21	-4.83	27.21	13.23	89	97	99	100	100
SCIP-VTE-1	Surgery patients whose doctors ordered treatments to prevent blood clots after certain types of surgeries	3,697	84.29	18.22	0.30	-2.61	7.77	21.62	65	81	90	95	98
SCIP-VTE-2	Patients who got treatment at the right time (within 24 hours before or after their surgery) to help prevent blood clots after certain types of surgery	3,697	81.41	18.51	0.30	-2.33	6.33	22.73	61	77	87	93	97

For all measures reported, National Minimum and Maximum values were 0 and 100 respectively.

**Standard Deviation** – Measure of typical variation of data points from the mean calculated as the square root of sum of squared variances divided by sample size.

**Standard Error** – Estimation of population mean from sample calculated as standard deviation divided by the square root of the sample size.

**Skewness** – Measure of level of asymmetry of a distribution. Symmetric data should have scores near zero. Higher negative values indicate distributions are clustered toward the right or high end of a distribution, while higher positive values indicate clustering toward the left or low end of a distribution.

**Kurtosis** - measure of whether the data are peaked or flat relative to a normal distribution. Higher values mean more of the variance is due to infrequent extreme deviations, as opposed to frequent modestly-sized deviations

**Coefficient of Variation** – Normalized measure of dispersion in a distribution calculated as standard deviation divided by mean. Allows comparison of dispersion among distributions. Smaller values indicate less dispersion, while larger values indicate more dispersion.