

## Supplementary Online Content

Wang EA, Wang Y, Krumholz HM. A high risk of hospitalization following release from correctional facilities in Medicare beneficiaries: a retrospective matched cohort study, 2002 to 2010. *JAMA Intern Med*. Published online July 22, 2013. doi:10.1001/jamainternmed.2013.9008.

**eTable 1.** Hospital events within 7 days after release stratified by incarceration status in the matched cohort of Medicare beneficiaries

**eTable 2.** Hospital events within 90 days after release stratified by incarceration status in the matched cohort of Medicare beneficiaries

This supplementary material has been provided by the authors to give readers additional information about their work.

**Table 1. Hospital Events Within 7 Days After Release Stratified by Incarceration Status in the Matched Cohort of Medicare Beneficiaries**

Principal Diagnosis for Hospitalization	Never Incarcerated N=110,419		Released from Correctional Facility N=110,419		P Value
	#	%	#	%	
Any hospitalization	620	0.56	1559	1.41	<0.001
Any hospitalization for ambulatory care-sensitive condition	139	0.13	241	0.22	<0.001
Diabetes mellitus short-term complications	7	0.01	21	0.02	0.008
Perforated appendix	3	0.00	5	0.00	0.48
Diabetes mellitus long-term complications	13	0.01	22	0.02	0.13
Chronic obstructive pulmonary disease	23	0.02	25	0.02	0.77
Asthma in older adults	11	0.01	17	0.02	0.26
Hypertension	4	0.00	8	0.01	0.25
Heart failure	24	0.02	33	0.03	0.23
Dehydration	6	0.01	11	0.01	0.23
Bacterial pneumonia	30	0.03	35	0.03	0.54
Urinary tract infection	9	0.01	10	0.01	0.82
Angina without procedure	0	0.00	6	0.01	NA
Uncontrolled diabetes mellitus	2	0.00	7	0.01	0.10
Asthma in younger adults	11	0.01	17	0.02	0.26
Lower extremity amputation in patients with diabetes mellitus	22	0.02	51	0.05	<0.001
Infectious and parasitic diseases	34	0.03	67	0.06	0.001
Neoplasms	18	0.02	39	0.04	0.005
Endocrine, nutritional and metabolic diseases, and immune disorders	38	0.03	80	0.07	<0.001
Diseases of the blood and blood-forming organs	10	0.01	29	0.03	0.002
Mental disorders	60	0.05	352	0.32	<0.001
Diseases of the nervous system and sensory organs	18	0.02	34	0.03	0.03
Diseases of the circulatory system	98	0.09	212	0.19	<0.001
Diseases of the respiratory system	84	0.08	121	0.11	0.01
Diseases of the digestive system	74	0.07	127	0.12	<0.001
Diseases of the genitourinary system	25	0.02	62	0.06	<0.001

Complications of pregnancy and childbirth	2	0.00	10	0.01	0.02
Diseases of the skin and subcutaneous tissue	23	0.02	60	0.05	<0.001
Diseases of the musculoskeletal system/connective tissue	33	0.03	33	0.03	1.0000
Symptoms, signs, and ill-defined conditions	47	0.04	127	0.12	<0.001
Injury	24	0.02	77	0.07	<0.001
Poisoning	33	0.03	145	0.13	<0.001
* McNemar test for matched pair data					

**Table 2. Hospital Events Within 90 Days After Release Stratified by Incarceration Status in the Matched Cohort of Medicare Beneficiaries**

Principal Diagnosis for Hospitalization	Never Incarcerated		Released from Correctional Facility		P Value
	#	%	#	%	
Any hospitalization	5306	4.81	9196	8.33	<0.001
Any hospitalization for ambulatory care-sensitive condition	1218	1.10	1888	1.71	<0.001
Diabetes mellitus short-term complications	62	0.06	168	0.15	<0.001
Perforated appendix	20	0.02	22	0.02	0.76
Diabetes mellitus long-term complications	101	0.09	169	0.15	<0.001
Chronic obstructive pulmonary disease	179	0.16	308	0.28	<0.001
Asthma in older adults	104	0.09	159	0.14	<0.001
Hypertension	35	0.03	56	0.05	0.03
Heart failure	203	0.18	270	0.24	0.002
Dehydration	103	0.09	154	0.14	0.002
Bacterial pneumonia	242	0.22	344	0.31	<0.001
Urinary tract infection	87	0.08	90	0.08	0.82
Angina without procedure	19	0.02	40	0.04	0.006
Uncontrolled diabetes mellitus	24	0.02	61	0.06	<0.001
Asthma in younger adults	104	0.09	159	0.14	<0.001
Lower extremity amputation in patients with diabetes mellitus	185	0.17	390	0.35	<0.001
Infectious and parasitic diseases	318	0.29	456	0.41	<0.001
Neoplasms	178	0.16	245	0.22	0.001
Endocrine, nutritional and metabolic diseases, and immune disorders	327	0.30	571	0.52	<0.001
Diseases of the blood and blood-forming organs	90	0.08	140	0.13	0.001
Mental disorders	522	0.47	2030	1.84	<0.001
Diseases of the nervous system and sensory organs	161	0.15	191	0.17	0.11
Diseases of the circulatory system	1025	0.93	1488	1.35	<0.001
Diseases of the respiratory system	749	0.68	1068	0.97	<0.001
Diseases of the digestive system	639	0.58	1025	0.93	<0.001
Diseases of the genitourinary system	293	0.27	388	0.35	<0.001
Complications of pregnancy and childbirth	37	0.03	53	0.05	0.09
Diseases of the skin and subcutaneous tissue	214	0.19	489	0.44	<0.001

Diseases of the musculoskeletal system and connective tissue	346	0.31	395	0.36	0.07
Symptoms, signs, and ill-defined conditions	448	0.41	900	0.82	<0.001
Injury	206	0.19	533	0.48	<0.001
Poisoning	406	0.37	837	0.76	<0.001
* McNemar test for matched pair data					