

APPENDIX 2 (as supplied by the authors): Full results for characteristics and outcomes of index hospitalizations used in analysis of hospital readmission, by discharge status

Variable	<i>Discharge status of Index Hospitalization</i>		p-value
	AMA	Non-AMA	
Number	21417	1894687	--
Any AMA discharges in prior 5 years, # (%)	5076 (23.7)	42537 (2.3)	<.0001
Number of hospitalizations in prior 5 years, mean (SD) Median (interquartile range)	3.8 (6.4) 2 (1-4)	2.3 (4.0) 1 (0-3)	<.0001
Age (years), mean (SD)	42.7 (18.0)	54.1 (22.2)	<.0001
Male sex, # (%)	10789 (50.4)	708491 (37.4)	<.0001
<i>Average household income quintile, # (%)</i>			<.0001
Urban 1 [lowest urban stratum]	5831 (27.2)	257035 (13.6)	
Urban 2	2250 (10.5)	201557 (10.6)	
Urban 3	1557 (7.3)	185133 (9.8)	
Urban 4	913 (4.3)	150676 (8.0)	
Urban 5 [highest urban stratum]	598 (2.8)	132683 (7.0)	
Rural 1 [lowest rural stratum]	3864 (18.0)	227971 (12.0)	
Rural 2	2147 (10.0)	212931 (11.2)	
Rural 3	1534 (7.2)	194665 (10.3)	
Rural 4	1393 (6.5)	160807 (8.5)	
Rural 5 [highest rural stratum]	1058 (4.9)	123465 (6.5)	
Not calculated	272 (1.3)	47764 (2.5)	
<i>Year of index hospitalization, # (%)</i>			<.0001
1990-1993	4838 (22.6)	448945 (23.7)	
1994-1998	5778 (27.0)	525866 (27.8)	
1999-2003	5181 (24.2)	475717 (25.1)	
2004-2009	5620 (26.2)	444159 (23.4)	
<i>Comorbid conditions, # (%)</i>			
Alcohol abuse	6010 (28.1)	74756 (4.0)	<.0001
Diabetes	3341 (15.6)	227715 (12.0)	<.0001
Drug abuse	2397 (11.2)	26671 (1.4)	<.0001
Depression	1924 (9.0)	90156 (4.8)	<.0001
Hypertension, uncomplicated	1888 (8.8)	249682 (13.2)	<.0001
Chronic pulmonary disease	1863 (8.7)	174216 (9.2)	0.01
Congestive heart failure	1431 (6.7)	176893 (9.3)	<.0001
Other neurologic disorders	1314 (6.1)	64221 (3.4)	<.0001
Fluid and electrolyte disorders	1272 (5.9)	80328 (4.2)	<.0001
Arrhythmia	1041 (4.9)	156032 (8.2)	<.0001
Liver disease	1014 (4.7)	23001 (1.2)	<.0001
Psychoses	982 (4.6)	46857 (2.5)	<.0001
Renal failure	775 (3.6)	59475 (3.1)	<.0001
Deficiency anemia	524 (2.5)	31134 (1.6)	<.0001
Peripheral vascular disease	477 (2.2)	52541 (2.8)	<.0001
Hypertension, complicated	433 (2.0)	33177 (1.8)	0.003
Obesity	380 (1.8)	28665 (1.5)	0.002
Coagulopathy	352 (1.6)	15473 (0.8)	<.0001
Solid tumor without metastasis	346 (1.6)	86236 (4.6)	<.0001
Rheumatoid arthritis/collagen-vascular disease	346 (1.6)	31531 (1.7)	0.6
Valvular heart disease	301 (1.4)	32086 (1.7)	0.001
Paralysis	289 (1.4)	21786 (1.2)	0.007
Hypothyroidism	264 (1.2)	42992 (2.3)	<.0001
Metastatic cancer	254 (1.2)	63205 (3.3)	<.0001

Appendix to: Garland A, Ramsey CD, Fransoo R, et al. Rates of readmission and death associated with leaving hospital against medical advice: a population-based study. *CMAJ* 2013; DOI:10.1503/cmaj.130029.
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Peptic ulcer disease w/o bleeding	240 (1.1)	15932 (0.8)	<.0001
Weight loss	226 (1.1)	9664 (0.5)	<.0001
Blood loss anemia	198 (0.9)	11980 (0.6)	<.0001
Pulmonary circulation disorders	172 (0.80)	15689 (0.83)	0.7
AIDS/HIV	112 (0.5)	1264 (0.07)	<.0001
Lymphoma	79 (0.4)	14152 (0.8)	<.0001
<i>Main index hospitalization admission diagnosis, # (%)</i>			<.0001
Mental disorders	4645 (21.7)	102472 (5.4)	
Injury and poisoning	2862 (13.4)	140146 (7.4)	
Complications of pregnancy, childbirth & the puerperium	2227 (10.4)	353508 (18.7)	
Diseases of the digestive system	2196 (10.3)	215699 (11.4)	
Cardiovascular disorders	1921 (9.0)	249211 (13.2)	
Symptoms, signs, and ill-defined conditions	1595 (7.5)	100839 (5.3)	
Diseases of the respiratory system	1445 (6.8)	137430 (7.3)	
Endocrine, metabolic, nutritional, immune disorders	900 (4.2)	44615 (2.4)	
Diseases of the genitourinary system	697 (3.3)	114337 (6.0)	
Factors influencing health status	658 (3.1)	124277 (6.6)	
Diseases of the musculoskeletal system & connective tissue	607 (2.8)	91314 (4.8)	
Diseases of the skin and subcutaneous tissue	522 (2.4)	25818 (1.4)	
Neoplasms	358 (1.7)	118334 (6.3)	
Diseases of nervous system and sense organs	332 (1.6)	41305 (2.2)	
Infectious and parasitic diseases	311 (1.5)	19007 (1.0)	
Diseases of blood and blood-forming organs	129 (0.6)	13462 (0.7)	
Congenital anomalies	11 (0.1)	2889 (0.2)	
Conditions originating in the perinatal period	1 (0.0)	24 (0.0)	
Length of the index hospitalization (days), mean (SD)	6.8 (16.9)	11.0 (30.8)	<.0001
Median (interquartile range)	3 (2-6)	5 (3-9)	
<i>Death at given intervals after discharge, # (%) *</i>			
7 days	97 (0.45)	6956 (0.37)	0.04
14 days	165 (0.77)	13145 (0.69)	0.2
30 days	328 (1.5)	26600 (1.4)	0.1
90 days	739 (3.5)	67860 (3.6)	0.3
180 days	1167 (5.5)	111171 (5.9)	0.001

AMA, left hospital against medical advice; non-AMA, did not leave hospital against medical advice.

* These are not true mortality rates, as the unit of measure for this analysis was hospitalizations, not individuals.