Supplementary Table S1. Characteristics of 14878 men aged 18.0-104.1 years (mean = $63.9 \pm SD = 19.3 \text{ years}$) and 17392 women aged 18.0-106.7 (mean = $64.1 \pm SD = 21.6 \text{ years}$).

Sepsis 1170 3.6 Viral infections 145 0.4 Haematological disorders 676 2.1 Endocrine disorders 1084 3.4 Psychiatric disorders 279 0.9 Neurological disorders 722 2.2 Ophthalmic disorders 163 0.5 All cardiovascular disorders 4416 13.7 Myocardial infarct* 796 2.5 Atrial fibrillation* 399 1.2 Congestive heart failure* 405 1.3 All pulmonary disorders 3367 10.4 Asthma* 207 0.6 Chronic obstructive pulmonary disease* 470 1.5 Pneumonia* 1692 5.2 Gastrointestinal disorders 1083 3.4 Rheumatological disorders 1083 3.4 Rheumatological disorders 1083 3.4 Rheumatological disorders 3169 9.8 All genitourinary disorders 3686 11.4 Uri	Index admissions	n	%
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Urinary tract infection* 1116 3.5 Non-specific bodily pain 4344 13.5 Bone fractures 2624 8.1 Hip fractures* 639 2.0 Medical device-related complications 1015 3.1 Others (not specified) 183 0.6 Number of readmissions within 28 days of discharge 88.5 1 readmission 2666 8.3 ≥2 readmissions 1056 3.3 Types of readmission 2476/2666 92.9 ≥2 non-identical AR episodes/≥2 readmission 2476/2666 92.9 ≥2 non-identical AR episodes/≥2 readmission 190/2666 7.1 ≥2 identical AR episodes/≥2 readmissions 107/1056 10.1 Mortality status Death within 30 days of first admission 834 2.6 Death within six months of first admission 2192 6.8	Rheumatological disorders	3169	9.8
Non-specific bodily pain 4344 13.5 Bone fractures 2624 8.1 Hip fractures* 639 2.0 Medical device-related complications 1015 3.1 Others (not specified) 183 0.6 Number of readmissions within 28 days of discharge 88.5 None 28548 88.5 1 readmission 2666 8.3 ≥2 readmissions 1056 3.3 Types of readmission 2476/2666 92.9 ≥2 non-identical AR episode/1 readmission 2476/2666 92.9 ≥2 non-identical AR episodes/≥2 readmissions 190/2666 7.1 ≥2 identical AR episodes/≥2 readmissions 107/1056 10.1 Mortality status Death within 30 days of first admission 834 2.6 Death within six months of first admission* 2192 6.8	All genitourinary disorders	3686	11.4
Bone fractures 2624 8.1 Hip fractures* 639 2.0 Medical device-related complications 1015 3.1 Others (not specified) 183 0.6 Number of readmissions within 28 days of discharge 88.5 None 28548 88.5 1 readmission 2666 8.3 ≥2 readmissions 1056 3.3 Types of readmission 1 non-identical AR episode/1 readmission 2476/2666 92.9 ≥2 non-identical AR episodes/≥2 readmissions 949/1056 89.9 1 identical AR episodes/≥2 readmission 190/2666 7.1 ≥2 identical AR episodes/≥2 readmissions 107/1056 10.1 Mortality status Death within 30 days of first admission 834 2.6 Death within six months of first admission* 2192 6.8	Urinary tract infection*	1116	3.5
Hip fractures* 639 2.0 Medical device-related complications 1015 3.1 Others (not specified) 183 0.6 Number of readmissions within 28 days of discharge 88.5 None 28548 88.5 1 readmission 2666 8.3 ≥2 readmissions 1056 3.3 Types of readmission 2476/2666 92.9 ≥2 non-identical AR episodes/≥2 readmissions 949/1056 89.9 1 identical AR episodes/≥2 readmission 190/2666 7.1 ≥2 identical AR episodes/≥2 readmissions 107/1056 10.1 Mortality status Death within 30 days of first admission 834 2.6 Death within six months of first admission of first admission 2192 6.8	Non-specific bodily pain	4344	13.5
Medical device-related complications10153.1Others (not specified)1830.6Number of readmissions within 28 days of discharge88.5None2854888.51 readmission26668.3≥2 readmissions10563.3Types of readmission1 non-identical AR episode/1 readmission2476/266692.9≥2 non-identical AR episodes/≥2 readmissions949/105689.91 identical AR episode/1 readmission190/26667.1≥2 identical AR episodes/≥2 readmissions107/105610.1Mortality status107/105610.1Death within 30 days of first admission8342.6Death within six months of first admission of the path within six months of first admission21926.8	Bone fractures	2624	8.1
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Types of readmission2476/266692.9≥2 non-identical AR episodes/≥2 readmissions949/105689.91 identical AR episode/1 readmission190/26667.1≥2 identical AR episodes/≥2 readmissions107/105610.1Mortality statusDeath within 30 days of first admission8342.6Death within six months of first admission of the state o	1 readmission	2666	8.3
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Mortality status8342.6Death within 30 days of first admission21926.8	1 identical AR episode/1 readmission	190/2666	7.1
Death within 30 days of first admission8342.6Death within six months of first admission21926.8	≥2 identical AR episodes/≥2 readmissions	107/1056	10.1
Death within six months of first admission [†] 2192 6.8	Mortality status		
Death within six months of first admission [†] 2192 6.8	Death within 30 days of first admission	834	2.6
Death within a two-year period 3305 10.2		2192	6.8
	Death within a two-year period	3305	10.2

^{*}Specific conditions within categories of disorders; †This group includes those who died within 30 days of admission