

## **WEB APPENDIX: SUPPLEMENTARY CONTENT**

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**Web Appendix Table 1.** 25 Most Common Conditions Treated During Index Observation Stays, Emergency Department Stays, and Inpatient Stays, 2006-2011

**Web Appendix Figure 1.** Flow Diagram Describing Cohort Exclusions. Data for index observation stay cohort is presented in Web Appendix Figure 1A. Data for index emergency department treatment-and-discharge cohort is presented in Web Appendix Figure 1B. Data for index inpatient stay cohort is presented in Web Appendix Figure 1C.

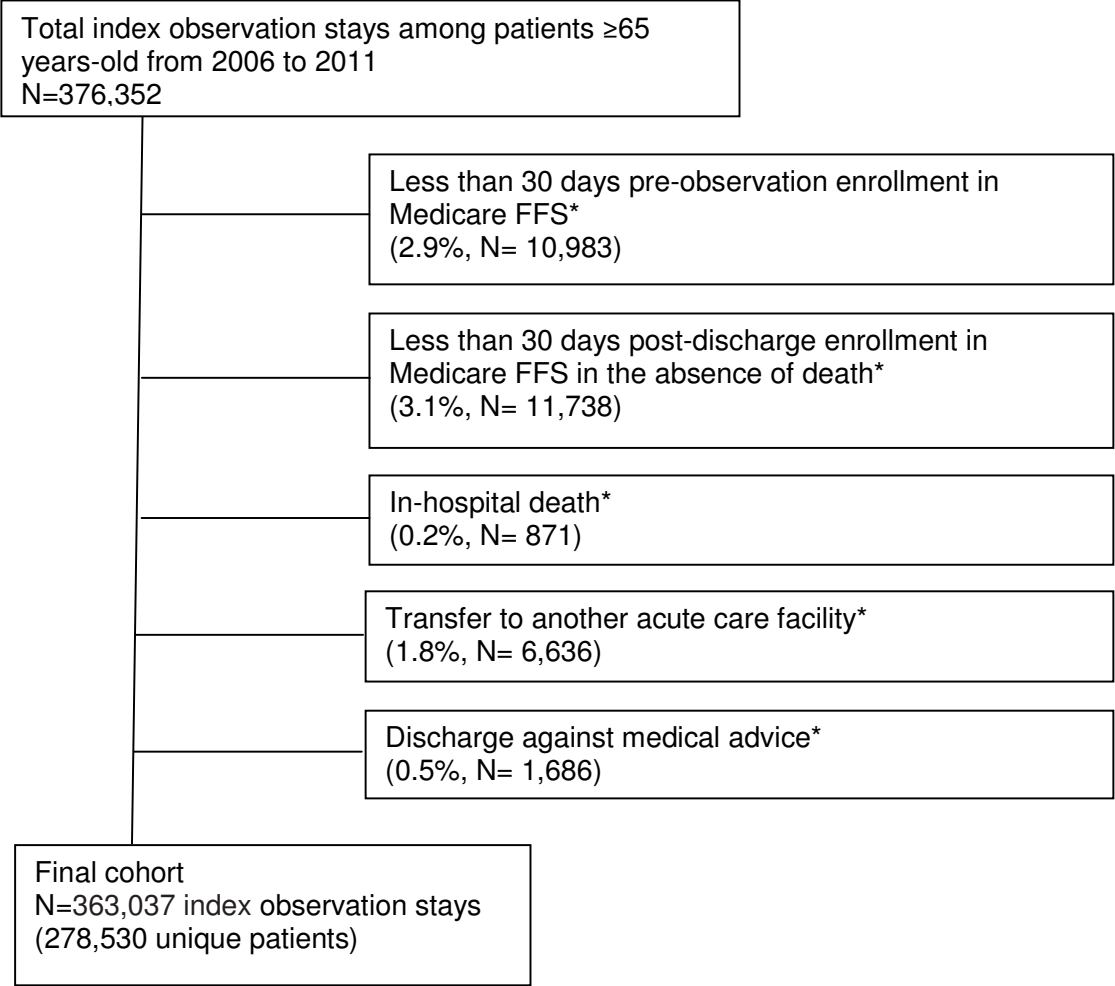
**Web Appendix Table 1. 25 Most Common Conditions Treated During Index Observation Stays, Emergency Department Stays, and Inpatient Stays, 2006-2011**

<b>Rank</b>	<b>Study Cohort Index Observation Stays (N=363,037)</b>	<b>Index Emergency Department Treatment-and-Discharge Stays (N=2,540,000)</b>	<b>Index Inpatient Stays (N=2,667,525)</b>
<b>1</b>	Nonspecific chest pain (19.3%)	Superficial injury; contusion (6.6%)	Congestive heart failure; nonhypertensive (5.4%)
<b>2</b>	Syncope (5.2%)	Nonspecific chest pain (5.6%)	Pneumonia (except that caused by tuberculosis or sexually transmitted disease) (5.1%)
<b>3</b>	Cardiac dysrhythmias (4.2%)	Urinary tract infections (3.7%)	Osteoarthritis (4.6%)
<b>4</b>	Coronary atherosclerosis and other heart disease (4.2%)	Abdominal pain (3.3%)	Cardiac dysrhythmias (4.1%)
<b>5</b>	Fluid and electrolyte disorders (3.4%)	Sprains and strains (3.1%)	Septicemia (except in labor) (3.6%)
<b>6</b>	Conditions associated with dizziness or vertigo (2.3%)	Spondylosis; intervertebral disc disorders; other back problems (2.9%)	Coronary atherosclerosis and other heart disease (3.4%)
<b>7</b>	Abdominal pain (2.0%)	Open wounds of extremities (2.8%)	Chronic obstructive pulmonary disease and bronchiectasis (3.4%)
<b>8</b>	Deficiency and other anemia (1.9%)	Conditions associated with dizziness or vertigo (2.6%)	Urinary tract infections (3.0%)
<b>9</b>	Transient cerebral ischemia (1.9%)	Other lower respiratory disease (2.6%)	Acute cerebrovascular disease (2.9%)
<b>10</b>	Congestive heart failure; nonhypertensive (1.8%)	Other injuries and conditions due to external causes (2.5%)	Acute myocardial infarction (2.6%)
<b>11</b>	Spondylosis; intervertebral disc disorders; other back problems (1.8%)	Open wounds of head; neck; and trunk (2.5%)	Fracture of neck of femur (hip) (2.5%)
<b>12</b>	Residual codes; unclassified (1.7%)	Chronic obstructive pulmonary disease and bronchiectasis (2.5%)	Fluid and electrolyte disorders (2.1%)
<b>13</b>	Other lower respiratory disease (1.7%)	Other connective tissue disease (2.4%)	Complication of device; implant or graft (2.1%)
<b>14</b>	Urinary tract infections (1.6%)	Other non-traumatic joint disorders (2.2%)	Acute and unspecified renal failure (1.9%)
<b>15</b>	Chronic obstructive pulmonary disease and bronchiectasis (1.5%)	Syncope (2.2%)	Spondylosis; intervertebral disc disorders; other back problems (1.9%)
<b>16</b>	Biliary tract disease (1.4%)	Other gastrointestinal disorders (2.2%)	Nonspecific chest pain (1.8%)
<b>17</b>	Other gastrointestinal disorders (1.3%)	Fracture of upper limb (2.1%)	Gastrointestinal hemorrhage (1.6%)
<b>18</b>	Other nervous system disorders (1.3%)	Cardiac dysrhythmias (2.1%)	Skin and subcutaneous tissue infections (1.5%)
<b>19</b>	Other connective tissue disease (1.2%)	Residual codes; unclassified (1.8%)	Respiratory failure; insufficiency; arrest (adult) (1.4%)
<b>20</b>	Malaise and fatigue (1.2%)	Essential hypertension (1.6%)	Intestinal obstruction without hernia (1.4%)
<b>21</b>	Gastrointestinal hemorrhage (1.2%)	Fluid and electrolyte disorders (1.6%)	Syncope (1.4%)
<b>22</b>	Complication of device; implant or graft	Genitourinary symptoms and ill-defined	Diverticulosis and diverticulitis (1.3%)

	(1.2%)	conditions (1.5%)	
<b>23</b>	Diabetes mellitus with complications (1.1%)	Skin and subcutaneous tissue infections (1.5%)	Biliary tract disease (1.2%)
<b>24</b>	Other circulatory disease (1.0%)	Malaise and fatigue (1.5%)	Other fractures (1.2%)
<b>25</b>	Abdominal hernia (1.0%)	Other upper respiratory disease (1.5%)	Diabetes mellitus with complications (1.1%)

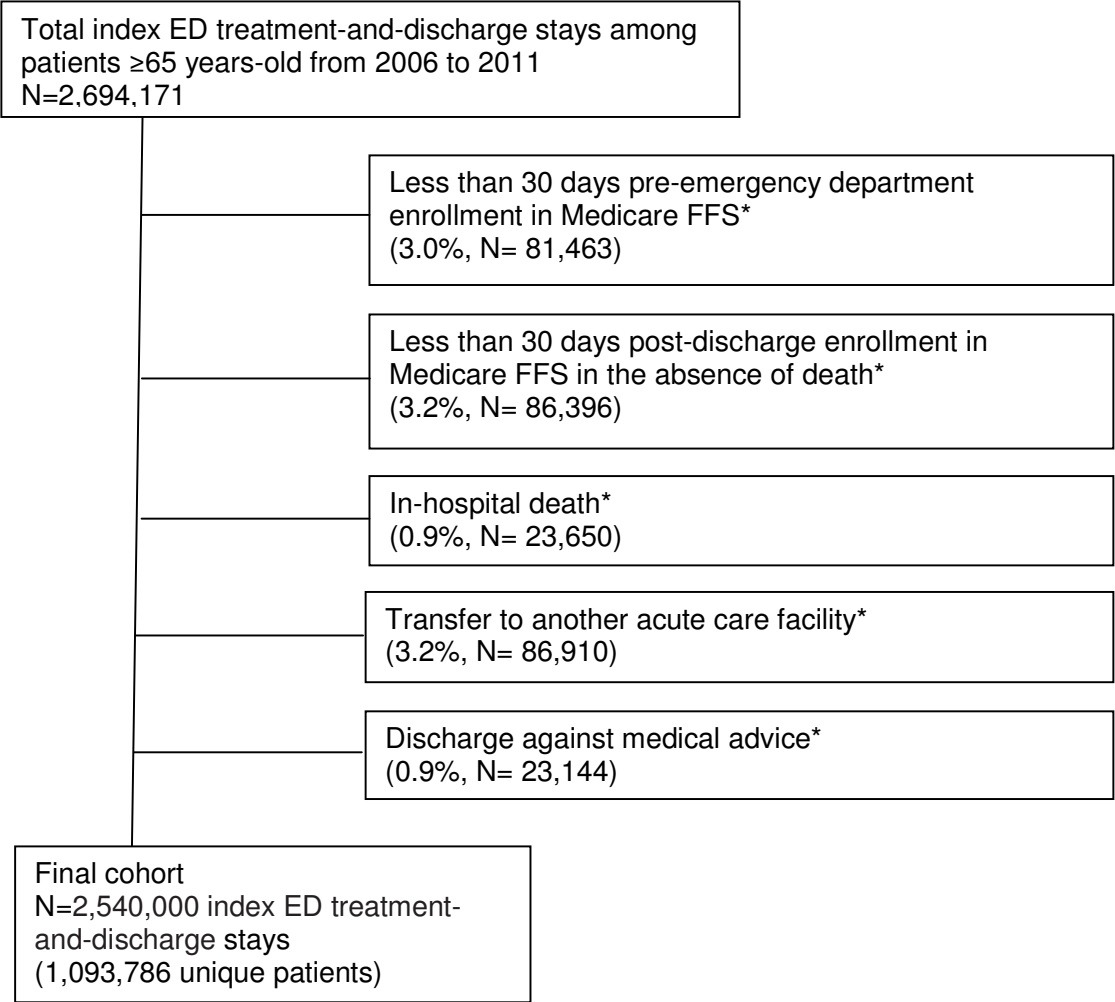
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**Web Appendix Figure 1A. Flow Diagram Describing Index Observation Stay Cohort Exclusions**



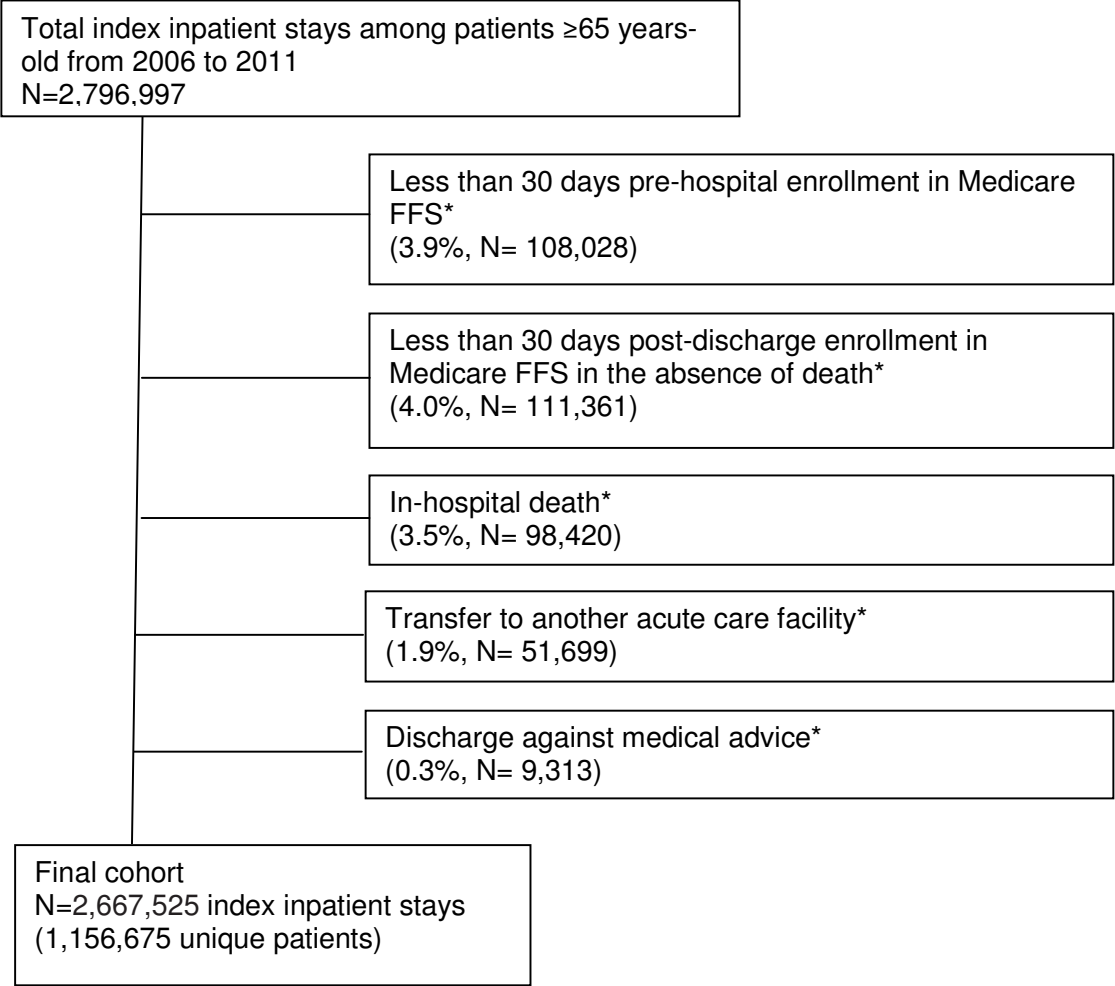
\*Categories are not mutually exclusive

**Web Appendix Figure 1B. Flow Diagram Describing Index Emergency Department Treatment-and-Discharge Stay Cohort Exclusions**



\*Categories are not mutually exclusive

**Web Appendix Figure 1C. Flow Diagram Describing Index Inpatient Stay Cohort Exclusions**



\*Categories are not mutually exclusive