

SUPPLEMENTAL MATERIAL

Table S1. Patient characteristics and outcomes, all AMI.

	2005-2007	2008-2010	2011-2013	2014-2015
<u>Estimated # of visits</u>	1493145	1404238	919455	581924
<u>Demographic characteristics, No. (%)</u>				
Age, mean (SE), y	65 (1.1)	63.8 (1.0)	66.2 (1.5)	70.4 (1.9)
Male	849676 (56.9)	802190 (57.1)	535825 (58.3)	319523 (54.9)
White	1198741 (80.3)	1008614 (71.8)	665520 (72.4)	438026 (75.3)
Black	172776 (11.6)	172558 (12.3)	143107 (15.6)	92579 (15.9)
Hispanic	89061 (6.0)	147346 (10.5)	89594 (9.7)	51319 (8.8)
Other race	32567 (2.2)	75720 (5.4)	21234 (2.3)	0 (0.0)
<u>Outcomes, % (SE)</u>				
ED LOS, median (IQR), min	195 (122, 314)	222 (110, 346)	172 (83, 304)	196 (138, 280)
Admitted	67.6 (3.2)	74.1 (3.5)	70.3 (4.4)	71.2 (5.8)
Admission to critical care unit	34.2 (4.1)	31.9 (3.8)	33.0 (5.3)	31.2 (7.8)
Admission to cardiac catheterization lab	13.5 (2.9)	20.6 (3.8)	28.1 (5.5)	28.4 (6.0)
Transferred	19.0 (3.0)	15.3 (3.0)	22.1 (4.3)	15.5 (4.3)
Non-aspirin antiplatelet agents	9.9 (1.9)	15.1 (3.0)	13.5 (2.7)	18.4 (5.4)
Intravenous antithrombotic agents	23.0 (2.5)	29.5 (3.8)	27.9 (4.0)	25.7 (5.4)
Fibrinolytic agents	2.0 (1.0)	1.6 (1.2)	2.8 (1.3)	2.7 (1.6)
Glycoprotein IIb/IIIa inhibitors	4.9 (1.1)	4.1 (1.4)	4.3 (2.1)	3.1 (1.9)

Table S2. Patient characteristics and outcomes, STEMI patients who arrived by EMS.

	2005-2007	2008-2010	2011-2013	2014-2015
<u>Estimated # of visits</u>	552971	469944	318506	165960
<u>Demographic characteristics, No. (%)</u>				
Age, mean (SE), y	68.9 (1.5)	66.8 (1.6)	69.1 (2.8)	70.5 (3.0)
Male	305885 (55.3)	267593 (56.9)	198221 (62.23)	89778 (54.1)
White	449260 (81.2)	308511 (65.7)	254681 (80.0)	145805 (87.9)
Black	63438 (11.47)	44264 (9.42)	23515 (7.4)	12428 (7.5)
Hispanic	33869 (6.1)	89722 (19.1)	37403 (11.74)	7727 (4.66)
Other race	6404 (1.2)	27447 (5.8)	2907 (0.9)	0.0 (0.0)
<u>Outcomes, % (SE)</u>				
ED LOS, median (IQR), min	195 (106, 317)	183 (71, 302)	185 (71, 339)	94 (40, 260)
Admitted	74.5 (5.0)	79.2 (5.0)	88.1 (4.1)	72.6 (9.8)
Admission to critical care unit	39.4 (6.0)	38.2 (6.4)	28.7 (7.7)	29.0 (8.5)
Admission to cardiac catheterization lab	12.4 (4.0)	22.2 (6.1)	43.7 (9.4)	56.3 (9.4)
Transferred	16.8 (4.3)	11.8 (3.6)	8.4 (3.6)	12.2 (7.6)
Non-aspirin antiplatelet agents	12.5 (3.2)	17.3 (4.6)	18.3 (5.5)	22.8 (9.5)
Intravenous antithrombotic agents	29.0 (4.7)	29.0 (5.0)	28.7 (6.3)	29.7 (10.3)
Fibrinolytic agents	2.9 (2)	1.3 (1.1)	3.5 (2.8)	0.0 (0.0)
Glycoprotein IIb/IIIa inhibitors	6.8 (2.5)	4.4 (3.4)	5.7 (4)	5.9 (4.5)

Table S3. Patient characteristics and outcomes, NSTEMI.

	2005-2007	2008-2010	2011-2013	2014-2015
<u>Estimated # of visits</u>	90377	212148	224961	266111
<u>Demographic characteristics, No. (%)</u>				
Age, mean (SE), y	66.7 (6.0)	65.5 (1.6)	69.4 (2.4)	73 (3.0)
Male	51711 (57.2)	120827 (57.0)	99680 (44.3)	169574 (63.7)
White	77675 (86.0)	118533 (55.9)	142011 (63.1)	158540 (59.6)
Black	8442 (9.3)	55862 (26.3)	43529 (19.4)	71760 (27.0)
Hispanic	4260 (4.7)	11365 (5.4)	28445 (12.6)	35811 (13.5)
Other race	0 (0.0)	26388 (12.4)	10976 (4.9)	0 (0.0)
<u>Outcomes, % (SE)</u>				
ED LOS, median (IQR), min	174 (125, 297)	270 (193, 397)	225 (134, 333)	235 (192, 367)
Admitted	87.8 (6.8)	83.7 (6.7)	74.3 (10.1)	89.3 (4.8)
Admission to critical care unit	35.8 (14.0)	24.1 (7.8)	36.1 (10.4)	24.0 (11.2)
Admission to cardiac catheterization lab	33.7 (16.2)	8.2 (5.5)	4.7 (3.1)	20.8 (8.1)
Transferred	7.5 (5.4)	17.8 (6.7)	25.7 (10.0)	4.9 (3.4)
Non-aspirin antiplatelet agents	0.0 (0.0)	23.6 (9.7)	14.8 (6.7)	8.6 (5.0)
Intravenous antithrombotic agents	21.6 (13.9)	33.5 (9.6)	20.8 (6.2)	19.9 (6.9)
Fibrinolytic agents	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)
Glycoprotein IIb/IIIa inhibitors	2.7 (2.7)	7.1 (4.3)	7.5 (6.1)	0.0 (0.0)