

Supplementary Table SI. Acute myocardial infarction (AMI)-related mortality, stratified by sex and race in the United States from 1999 to 2020

Year	Overall	Women	Men	White	Black or African American	Asian or Pacific Islander	American Indian or Alaska Native	Hispanic or Latino	Population
1999	199417	95266	104151	177049	19265	2429	674	7155	219084800
2000	192860	92574	100286	170553	19107	2545	655	7101	221168531
2001	184723	88870	95853	162921	18570	2572	660	7395	224518698
2002	179481	85669	93812	157894	18317	2613	657	7626	227062163
2003	170530	81032	89498	149890	17434	2500	706	7368	229479283
2004	156778	73894	82884	137615	16199	2331	633	7124	232153496
2005	150916	70883	80033	132291	15525	2511	589	7524	234997553
2006	141354	65327	76027	123454	14765	2470	665	6965	237863203
2007	132851	61197	71654	115793	14088	2380	590	6780	240549592
2008	133872	61478	72394	117044	13781	2446	601	6608	243186582
2009	125372	56608	68764	109040	13273	2459	600	6392	245683948
2010	121994	54594	67400	106139	12733	2529	593	6548	247518325
2011	119838	53110	66728	103966	12771	2474	627	6363	250390811
2012	117866	51786	66080	102074	12630	2520	642	6594	252769942
2013	116753	50725	66028	100889	12591	2655	618	6954	255039716
2014	113963	48918	65045	98590	12159	2586	628	6953	257789101
2015	113980	48787	65193	98329	12266	2730	655	7346	260402033
2016	111731	47042	64689	95788	12468	2839	636	7409	262152444
2017	110292	45888	64404	94463	12188	3018	623	7541	264697626
2018	108566	44513	64053	92578	12286	3049	653	7676	266281990

2019	104242	42573	61669	88693	11940	2973	636	7539	267668677
2020	109167	44055	65112	91514	13481	3463	709	8778	269190697
Total	3016546	1364789	1651757	2626567	317837	58092	14050	157739	5409649211

Supplementary Table SII. AMI-related mortality, stratified by census region, in adults in the United States from 1999 to 2020

Year	Deaths			
	Northeast	Midwest	South	West
1999	40656	51266	76662	30833
2000	39247	49054	75036	29523
2001	37541	46094	72052	29036
2002	36398	44356	70018	28709
2003	34357	41794	66828	27551
2004	31210	37985	61944	25639
2005	29863	36584	60018	24451
2006	27214	34968	55935	23237
2007	25662	32179	53220	21790
2008	25520	32684	53454	22214
2009	23407	30313	50899	20753
2010	22464	29383	49831	20316
2011	21955	29570	48225	20088
2012	21155	28931	47903	19877
2013	21085	28203	47939	19526
2014	20067	27811	47070	19015
2015	19562	27122	47300	19996
2016	18907	26535	46388	19901
2017	18214	26066	46447	19565
2018	17853	25744	46151	18818
2019	16840	24662	44118	18622
2020	17195	25362	46918	19692
Total	566372	736666	1214356	499152

Supplementary Table SIII. Sex-stratified, AMI-related, age-adjusted mortality rates (AAMR) per 100,000 in adults in the United States from 1999 to 2020

Year	Age-adjusted mortality rate (95% CI)		
	Men	Women	Overall
1999	122.3 (121.6–123.1)	71.7 (71.3–72.2)	93.2 (92.8–93.6)
2000	116.2 (115.5–116.9)	68.9 (68.4–69.3)	88.9 (88.5–89.3)
2001	108.8 (108.1–109.5)	65.2 (64.7–65.6)	83.8 (83.4–84.1)
2002	104.3 (103.6–105)	62.1 (61.7–62.5)	80.1 (79.8–80.5)
2003	97.1 (96.4–97.7)	57.9 (57.5–58.3)	74.8 (74.4–75.1)
2004	87.8 (87.2–88.4)	52.3 (51.9–52.6)	67.7 (67.3–68)
2005	82.6 (82.1–83.2)	49.3 (48.9–49.7)	63.8 (63.5–64.1)
2006	76.2 (75.7–76.8)	44.7 (44.3–45)	58.5 (58.2–58.8)
2007	69.9 (69.4–70.4)	41.1 (40.8–41.4)	53.8 (53.5–54)
2008	68.9 (68.4–69.4)	40.5 (40.2–40.9)	53 (52.7–53.3)
2009	63.6 (63.2–64.1)	36.8 (36.5–37.1)	48.6 (48.3–48.9)
2010	61.1 (60.6–61.6)	34.9 (34.6–35.2)	46.5 (46.2–46.8)
2011	58.5 (58.1–59)	33.2 (32.9–33.5)	44.4 (44.2–44.7)
2012	56.2 (55.8–56.7)	31.7 (31.4–32)	42.6 (42.4–42.9)
2013	54.6 (54.1–55)	30.5 (30.3–30.8)	41.3 (41–41.5)
2014	52.3 (51.9–52.7)	29 (28.7–29.2)	39.4 (39.2–39.6)
2015	50.9 (50.5–51.3)	28.4 (28.1–28.6)	38.5 (38.3–38.7)
2016	49.3 (48.9–49.7)	26.9 (26.7–27.2)	37 (36.8–37.2)
2017	47.8 (47.4–48.2)	25.7 (25.5–26)	35.7 (35.5–35.9)
2018	46.3 (46–46.7)	24.6 (24.3–24.8)	34.4 (34.2–34.6)
2019	43.7 (43.3–44)	23.1 (22.9–23.3)	32.4 (32.2–32.6)
2020	45.1 (44.8–45.5)	23.7 (23.4–23.9)	33.4 (33.2–33.6)

Supplementary Table SIV. AMI-related, age-adjusted mortality rates (AAMR) per 100,000, stratified by race in adults in the United States from 1999 to 2020

Year	Age-adjusted mortality rate (95% CI)				
	American Indian or Alaska Native	Asian or Pacific Islander	Black or African American	White	Hispanic or Latino
1999	70.5 (64.8–76.1)	52.1 (49.9–54.3)	105.8 (104.3–107.4)	93 (92.6–93.5)	72.8 (71–74.6)
2000	60.8 (55.9–65.8)	51.5 (49.4–53.6)	103.2 (101.7–104.7)	88.7 (88.2–89.1)	68.8 (67.2–70.5)
2001	57.6 (52.9–62.3)	47.9 (46–49.9)	98.4 (96.9–99.8)	83.4 (83–83.8)	67.8 (66.2–69.4)
2002	56 (51.4–60.6)	46.3 (44.5–48.2)	95.5 (94.1–96.9)	79.7 (79.3–80.1)	65.8 (64.3–67.4)
2003	56.3 (51.9–60.8)	41.1 (39.4–42.8)	88.8 (87.4–90.1)	74.5 (74.1–74.8)	60.7 (59.2–62.1)
2004	50.2 (45.9–54.4)	36.5 (34.9–38)	80.5 (79.2–81.7)	67.5 (67.1–67.8)	55.4 (54–56.7)
2005	43.5 (39.7–47.3)	36.1 (34.7–37.6)	75 (73.8–76.2)	63.7 (63.4–64)	55.4 (54.1–56.7)
2006	47.4 (43.5–51.3)	34.1 (32.7–35.5)	69.2 (68–70.3)	58.3 (58–58.6)	48.5 (47.3–49.7)
2007	38.7 (35.3–42.1)	30.7 (29.4–31.9)	64.2 (63.1–65.3)	53.6 (53.3–54)	44.8 (43.7–45.9)
2008	37 (33.8–40.3)	29.9 (28.7–31.1)	60.9 (59.9–62)	53.2 (52.9–53.5)	41.1 (40.1–42.1)
2009	35.9 (32.8–39)	28.2 (27–29.3)	56.8 (55.8–57.8)	48.7 (48.4–49)	37.4 (36.4–38.3)
2010	34.1 (31.1–37.1)	28.1 (27–29.2)	53.2 (52.3–54.2)	46.6 (46.4–46.9)	36.7 (35.7–37.6)
2011	32.9 (30.2–35.7)	24.9 (23.9–25.9)	51.3 (50.4–52.2)	44.6 (44.4–44.9)	33 (32.2–33.9)
2012	32.4 (29.7–35.1)	23.8 (22.9–24.8)	48.9 (48–49.7)	42.9 (42.6–43.2)	32.2 (31.3–33)
2013	29.3 (26.8–31.8)	23.3 (22.4–24.2)	47 (46.1–47.8)	41.6 (41.3–41.9)	31.9 (31.2–32.7)
2014	28.6 (26.2–31)	21.1 (20.3–22)	43.8 (43–44.6)	39.9 (39.7–40.2)	29.9 (29.2–30.7)
2015	27.2 (24.9–29.4)	20.7 (19.9–21.4)	42.5 (41.7–43.3)	39.1 (38.8–39.3)	29.6 (28.9–30.3)
2016	26.2 (24–28.3)	20.6 (19.9–21.4)	41.8 (41.1–42.6)	37.4 (37.2–37.6)	28.5 (27.8–29.2)
2017	24.2 (22.2–26.2)	20.4 (19.7–21.2)	39.2 (38.5–40)	36.2 (36–36.5)	27.4 (26.8–28.1)
2018	23.7 (21.8–25.6)	19.8 (19.1–20.5)	38.6 (37.9–39.3)	34.8 (34.6–35)	26.7 (26.1–27.3)
2019	22.7 (20.9–24.5)	18.4 (17.7–19)	36.5 (35.8–37.1)	32.8 (32.6–33)	25.2 (24.6–25.8)
2020	23.9 (22.1–25.7)	20.3 (19.7–21)	40 (39.3–40.7)	33.5 (33.3–33.7)	28.1 (27.5–28.8)

Supplementary Table SV. AMI-related, age-adjusted mortality rates (AAMR) per 100,000, stratified by census region, in adults aged 15 and above in the United States from 1999 to 2020

Year	Age-adjusted mortality rate (95% CI)			
	Northeast	Midwest	South	West
1999	89.5 (88.6–90.3)	99.8 (99–100.7)	102.2 (101.5–102.9)	73.1 (72.3–73.9)
2000	85.3 (84.5–86.2)	94.7 (93.9–95.6)	98.7(98–99.4)	68.7 (67.9–69.5)
2001	80.5 (79.7–81.3)	87.9 (87.1–88.7)	93.2 (92.5–93.9)	65.8 (65–66.5)
2002	77.1 (76.3–77.9)	83.6 (82.8–84.4)	89 (88.4–89.7)	63.6 (62.8–64.3)
2003	71.7 (70.9–72.5)	77.6 (76.9–78.4)	83.4 (82.8–84.1)	59.5 (58.8–60.2)
2004	64.6 (63.8–65.3)	69.8 (69–70.5)	75.9 (75.3–76.5)	54.2 (53.5–54.8)
2005	60.9 (60.2–61.6)	66.2 (65.5–66.9)	71.8 (71.2–72.3)	50.2 (49.5–50.8)
2006	54.8 (54.1–55.4)	62.2 (61.5–62.9)	65.1 (64.6–65.7)	46.4 (45.8–47)
2007	50.9 (50.2–51.5)	56.2 (55.6–56.9)	60.4 (59.9–61)	42.3 (41.7–42.8)
2008	49.8 (49.2–50.4)	56.1 (55.5–56.7)	59.2 (58.7–59.7)	41.9 (41.4–42.5)
2009	45.1 (44.5–45.6)	51.4 (50.9–52)	55 (54.5–55.5)	38 (37.4–38.5)
2010	42.7 (42.1–43.2)	49.1 (48.5–49.7)	52.8 (52.3–53.3)	36.4 (35.9–36.9)
2011	40.9 (40.3–41.4)	48.5 (47.9–49)	49.4 (49–49.9)	34.7 (34.3–35.2)
2012	38.7 (38.2–39.2)	46.6 (46.1–47.2)	47.8 (47.4–48.2)	33.3 (32.8–33.8)
2013	38 (37.5–38.5)	44.7 (44.1–45.2)	46.5 (46–46.9)	31.8 (31.4–32.3)
2014	35.7 (35.2–36.2)	43.3 (42.8–43.8)	44.5 (44.1–44.9)	29.9 (29.5–30.3)
2015	34.4 (33.9–34.9)	41.6 (41.1–42.1)	43.4 (43–43.8)	30.6 (30.2–31)
2016	32.9 (32.4–33.3)	40.3 (39.8–40.8)	41.5 (41.1–41.8)	29.7 (29.3–30.1)
2017	30.9 (30.4–31.4)	38.8 (38.3–39.3)	40.5 (40.1–40.8)	28.6 (28.2–29)
2018	29.9 (29.4–30.3)	37.8 (37.3–38.2)	39.2 (38.9–39.6)	26.7 (26.3–27.1)
2019	27.9 (27.5–28.4)	35.7 (35.2–36.1)	36.6 (36.3–37)	25.9 (25.5–26.2)
2020	28.4 (28–28.9)	36.4 (35.9–36.8)	38.1 (37.8–38.5)	26.8 (26.4–27.2)

Supplementary Table SVI. Annual percent change (APC) of AMI-related, age-adjusted mortality rates in adults in the United States from 1999 to 2020

Year interval	Annual percent change (95% CI)
Overall	
1999 to 2010	-6.43* (-6.74, -6.11)
2010 to 2020	-3.43* (-3.89, -2.96)
Male	
1999 to 2002	-5.21* (-7.16, -3.21)
2002 to 2007	-7.54* (-8.76, -6.30)
2007 to 2012	-4.50* (-5.85, -3.13)
2012 to 2020	-3.03* (-3.55, -2.51)
Female	
1999 to 2002	-4.86* (-6.73, -2.95)
2002 to 2009	-7.44* (-8.32, -6.54)
2009 to 2020	-4.09* (-4.44, -3.74)
American Indian or Alaska Native	
1999 to 2009	-6.32* (-7.33, -5.31)
2009 to 2020	-4.15* (-5.02, -3.28)
Asian or Pacific Islander	
1999 to 2014	-5.99* (-6.47, -5.51)
2014 to 2020	-1.25 (-2.90, 0.42)
Black or African American	
1999 to 2002	-3.76* (-5.30, -2.19)
2002 to 2009	-7.27* (-7.83, -6.71)
2009 to 2018	-4.35* (-4.79, -3.91)
2018 to 2020	1.73 (-2.30, 5.93)
White	
1999 to 2010	-6.34* (-6.62, -6.05)
2010 to 2020	-3.38* (-3.74, -3.01)
Northeast	
1999 to 2002	-5.16* (-7.17, -3.10)
2002 to 2009	-7.41* (-8.24, -6.57)
2009 to 2020	-4.32* (-4.73, -3.90)
Midwest	
1999 to 2009	-6.57* (-6.91, -6.24)
2009 to 2020	-3.25* (-3.63, -2.87)

South	
1999 to 2002	-4.52* (-6.37, -2.62)
2002 to 2007	-7.35* (-8.66, -6.03)
2007 to 2012	-4.82* (-6.27, -3.35)
2012 to 2020	-3.16* (-3.72, -2.60)
West	
1999 to 2011	-6.32* (-6.73, -5.90)
2011 to 2020	-3.01* (-3.69, -2.33)
Large Central Metro	
1999 to 2002	-5.37* (-7.47, -3.22)
2002 to 2010	-7.79* (-8.35, -7.23)
2010 to 2020	-3.96* (-4.41, -3.51)
Large Fringe Metro	
1999 to 2002	-5.30* (-6.57, -4.01)
2002 to 2007	-8.13* (-9.04, -7.211)
2007 to 2013	-5.43* (-6.13, -4.73)
2013 to 2020	-3.51* (-3.98, -3.03)
Medium Metro	
1999 to 2010	-6.45* (-6.76, -6.14)
2010 to 2020	-3.11* (-3.55, -2.65)
Small Metro	
1999 to 2003	-4.56* (-5.30, -3.82)
2003 to 2006	-8.05* (-10.48, -5.57)
2006 to 2018	-3.75* (-3.94, -3.55)
2018 to 2020	-0.71 (-4.16, 2.86)
Micropolitan (Nonmetro)	
1999 to 2009	-5.56* (-5.98, -5.14)
2009 to 2020	-2.32* (-2.75, -1.89)
NonCore (Nonmetro)	
1999 to 2007	-5.56* (-6.17, -4.94)
2007 to 2020	-2.82* (-3.18, -2.46)

* shows APC significantly different from zero.