
Hypertension-related heart failure mortality among older adults in the United States: a nationwide analysis of demographic and regional trends

Muhammad Muneeb Ur Rehman,¹ Muhammad Sameer Arshad,² Muhammad Abdul
Tawab,¹ Rahael Javaid,² Sunil Modi,³ Marat Fudim⁴

1Shifa College of Medicine, Shifa International Hospital, Islamabad, Pakistan; 2Baylor Scott and White Research Institute, Dallas, TX, USA; 3Express Family Clinic, Allen, TX, USA; 4Division of Cardiology, Duke University Hospital, Duke University School of Medicine, Durham, NC, USA

Corresponding Author: Muhammad Muneeb Ur Rehman, Shifa College of Medicine, Shifa International Hospital, Pitras Bukhari Road, Sector H8/4, Islamabad, Pakistan.
Email: muneebqazi264@gmail.com

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Supplementary Table 1. Hypertension-Related Heart Failure Mortality Trends, Stratified by Sex and Race Among Older Adults in the US 1999-2020

Year	Deaths								Popula tion
	Overall	Women	Men	NH White	NH Black or African American	NH Asian or Pacific Islander	NH American Indian or Alaska Native	Hispan ic or Latino	
1999	10,878	7,679	3,199	8,706	1,629	149	20	347	34,797,841
2000	11,372	8,100	3,272	9,099	1,697	153	23	364	34,991,753
2001	11,846	8,424	3,422	9,515	1,704	153	30	421	35,290,291
2002	12,070	8,551	3,519	9,642	1,746	186	26	438	35,522,207
2003	12,990	9,178	3,812	10,413	1,777	207	32	528	35,863,529
2004	13,239	9,288	3,951	10,584	1,850	201	36	538	36,203,319
2005	14,391	10,074	4,317	11,585	1,928	230	49	569	36,649,798
2006	14,592	10,148	4,444	11,731	1,856	289	36	659	37,164,107
2007	14,085	9,700	4,385	11,265	1,883	273	42	608	37,825,711
2008	14,377	9,843	4,534	11,487	1,945	293	37	595	38,777,621
2009	14,080	9,522	4,558	11,182	1,881	278	53	658	39,623,175
2010	14,446	9,713	4,733	11,557	1,839	291	52	685	40,267,984
2011	14,877	9,981	4,896	11,967	1,806	314	62	706	41,394,141
2012	15,609	10,267	5,342	12,389	1,990	318	64	812	43,145,356
2013	16,230	10,457	5,773	12,771	2,048	383	56	941	44,704,074
2014	16,986	10,938	6,048	13,457	2,083	369	77	948	46,243,211
2015	18,823	12,013	6,810	14,989	2,195	434	80	1,075	47,760,852
2016	20,204	12,731	7,473	15,878	2,448	536	102	1,198	49,244,195
2017	24,354	15,086	9,268	19,317	2,766	580	114	1,522	50,858,679
2018	27,829	17,021	10,808	22,268	2,947	678	148	1,725	52,431,193
2019	30,566	18,557	12,009	24,465	3,305	721	152	1,866	54,058,263
2020	35,007	21,004	14,003	27,656	3,999	891	193	2,213	55,659,365
Total	378,851	248,275	130,576	301,923	47,322	7,927	1,484	19,416	928,476,665

NH = Non-Hispanic

Supplementary Table 2. Hypertension-Related Heart Failure Mortality Stratified by Place of Death Among Older Adults in the US, 1999-2020

Year	Deaths			
	Medical Facility	Nursing Home/Long-term Care Facility	Hospices	Home
1999	4,142	3,992	Missing	2,456
2000	4,054	4,426	Missing	2,554
2001	4,274	4,535	Missing	2,632
2002	4,224	4,638	Missing	2,746
2003	4,490	4,985	13	2,956
2004	4,386	5,094	22	3,158
2005	4,546	5,566	119	3,556
2006	4,418	5,614	185	3,745
2007	4,104	5,225	294	3,821
2008	4,207	5,237	354	3,741
2009	3,818	5,049	385	3,809
2010	3,850	5,279	465	4,116
2011	3,669	5,535	488	4,391
2012	3,699	5,639	641	4,767
2013	3,730	5,794	718	5,064
2014	3,729	6,071	880	5,442
2015	3,939	6,565	1,144	6,115
2016	4,205	6,660	1,318	6,796
2017	4,632	7,922	1,738	8,572
2018	4,881	8,829	2,001	10,366
2019	5,186	9,531	2,275	11,644
2020	5,224	9,444	2,126	15,882
Total	93,407	131,630	15,166	118,329

Supplementary Table 3. Annual Percent Change (APC) of Hypertension-Related Heart Failure Age-Adjusted Mortality Rate per 100,000 Among Older Adults in the US, 1999-2020

Year Interval	APC (95% CI)
Overall	
1999-2005	3.2 (2.2 to 4.7)
2005-2009	-2.6 (-4.6 to -0.7)
2009-2014	0.7 (-0.7 to 9.7)
2014-2020	10.9 (9.9 to 12.6)
Men	
1999-2005	3.2 (2.1 to 5.9)
2005-2011	-0.7 (-3.7 to 0.4)
2011-2015	4.8 (2.1 to 8.9)
2015-2020	12.8 (11.7 to 14.9)
Women	
1999-2005	3.2 (2.2 to 4.4)
2005-2009	-3 (-4.8 to -1.2)
2009-2014	0.1 (-1.1 to 8.8)
2014-2020	10.2 (9.4 to 11.7)
NH White	
1999-2005	3.5 (2.3 to 5.6)
2005-2009	-2.5 (-4.8 to 0.2)
2009-2014	1.2 (-0.8 to 10.7)
2014-2020	11.9 (10.7 to 14.2)
NH American Indian or Alaska Native	
1999-2014	3.1 (-1.8 to 4.7)
2014-2020	9.6 (6.4 to 19.1)
Hispanic or Latino	
1999-2006	3.6 (-6.3 to 17.5)
2006-2009	-6.4 (-10.3 to 12.1)
2009-2015	2.4 (-4.6 to 11.1)
2015-2020	9.9 (6.4 to 16.8)
NH Asian or Pacific Islander	
1999-2006	2.5 (-0.04 to 13.9)
2006-2014	-2.8 (-9.9 to -0.7)
2014-2020	7.8 (5.4 to 12.4)
NH Black or African American	
1999-2005	1.6 (-0.1 to 3.3)

2005-2011	-3.2 (-4.9 to 2.6)
2011-2015	0.5 (-4 to 1.8)
2015-2018	6 (0.5 to 7.2)
2018-2020	11.3 (8.5 to 13.5)
Nonmetropolitan areas	
1999-2005	3.9 (2.9 to 5.1)
2005-2011	-1.9 (-3.8 to -0.9)
2011-2015	3.1 (0.5 to 6.4)
2015-2020	12 (11.1 to 13.5)
Metropolitan area	
1999-2005	2.9 (2 to 4.3)
2005-2009	-2.6 (-4.5 to -0.9)
2009-2014	0.8 (-0.3 to 8.8)
2014-2020	10.9 (10 to 12.3)

NH = Non-Hispanic

Supplementary Table 4. Overall and Sex Stratified Hypertension-Related Heart Failure Age-Adjusted Mortality Rates per 100,000 in Older Adults in the US, 1999-2020.

Year	Age-Adjusted Rate (95% CI)		
	Men	Women	Overall
1999	26.6 (25.7 to 27.6)	34 (33.2 to 34.7)	31.8 (31.2 to 32.4)
2000	27 (26 to 27.9)	35.3 (34.5 to 36.1)	32.8 (32.2 to 33.4)
2001	27.6 (26.7 to 28.6)	36.3 (35.5 to 37)	33.6 (33 to 34.2)
2002	27.9 (27 to 28.8)	36.5 (35.7 to 37.3)	33.9 (33.2 to 34.5)
2003	29.6 (28.7 to 30.6)	38.6 (37.8 to 39.4)	35.8 (35.2 to 36.4)
2004	30.2 (29.2 to 31.1)	38.7 (37.9 to 39.5)	36 (35.4 to 36.6)

2005	32.1 (31.1 to 33.1)	41.1 (40.3 to 41.9)	38.3 (37.7 to 38.9)
2006	32.1 (31.1 to 33)	40.5 (39.7 to 41.3)	37.8 (37.2 to 38.5)
2007	30.7 (29.8 to 31.6)	38 (37.2 to 38.8)	35.7 (35.1 to 36.3)
2008	30.8 (29.9 to 31.7)	37.8 (37 to 38.5)	35.6 (35 to 36.2)
2009	30.1 (29.2 to 31)	35.9 (35.2 to 36.6)	34 (33.5 to 34.6)
2010	30.6 (29.7 to 31.5)	36 (35.3 to 36.7)	34.3 (33.7 to 34.8)
2011	30.3 (29.5 to 31.2)	35.9 (35.2 to 36.6)	34.1 (33.5 to 34.6)
2012	32 (31.2 to 32.9)	36.2 (35.5 to 36.9)	34.9 (34.3 to 35.4)
2013	33.3 (32.5 to 34.2)	36.2 (35.5 to 37)	35.4 (34.9 to 36)
2014	33.7 (32.9 to 34.6)	37.2 (36.4 to 37.9)	36.2 (35.6 to 36.7)
2015	36.9 (36 to 37.8)	40.1 (39.4 to 40.8)	39.2 (38.7 to 39.8)
2016	39.4 (38.5 to 40.3)	41.9 (41.2 to 42.7)	41.3 (40.7 to 41.9)
2017	47.6 (46.6 to 48.6)	48.9 (48.1 to 49.7)	48.7 (48.1 to 49.3)
2018	53.7 (52.7 to 54.8)	54.2 (53.4 to 55)	54.5 (53.9 to 55.2)
2019	58.2 (57.1 to 59.2)	58.4 (57.5 to 59.2)	58.7 (58.1 to 59.4)
2020	65.8 (64.7 to 66.9)	65.4 (64.5 to 66.3)	66.1 (65.4 to 66.8)

Supplementary Table 5. Hypertension-Related Heart Failure Age-Adjusted Mortality Rates per 100,000, Stratified by Race Among Older Adults in the US, 1999-2020.

Year	Age-Adjusted Rate (95% CI)				
	NH White	NH Black or African American	NH American Indian or Alaska Native	Hispanic or Latino	NH Asian or Pacific Islander
1999	29.4 (28.8 to 30)	61.9 (58.9 to 64.9)	18.4 (11 to 28.7)	26.2 (23.4 to 29)	25.3 (21.2 to 29.5)
2000	30.4 (29.8 to 31)	63.7 (60.6 to 66.7)	19.1 (11.9 to 28.9)	25.5 (22.9 to 28.2)	23.3 (19.5 to 27.1)
2001	31.3 (30.7 to 31.9)	63.6 (60.5 to 66.6)	25.6 (17.1 to 36.7)	28.3 (25.6 to 31.1)	21.6 (18.1 to 25.1)
2002	31.4 (30.8 to 32.1)	64.9 (61.8 to 67.9)	22.9 (14.8 to 33.8)	28.2 (25.5 to 30.9)	24.3 (20.8 to 27.9)

2003	33.4 (32.8 to 34.1)	65.7 (62.6 to 68.8)	26.4 (18 to 37.5)	32.3 (29.5 to 35.1)	25.4 (21.9 to 28.9)
2004	33.6 (32.9 to 34.2)	67.3 (64.2 to 70.4)	28.7 (19.9 to 40.1)	31.2 (28.5 to 33.8)	23.8 (20.4 to 27.1)
2005	36.1 (35.4 to 36.7)	68.5 (65.5 to 71.6)	37.3 (27.4 to 49.7)	31.4 (28.8 to 34)	25.4 (22.1 to 28.7)
2006	35.7 (35 to 36.3)	64.6 (61.7 to 67.6)	27.2 (18.9 to 37.8)	34.7 (32 to 37.4)	30 (26.5 to 33.5)
2007	33.6 (32.9 to 34.2)	64.1 (61.2 to 67)	30.2 (21.5 to 41.1)	29.9 (27.5 to 32.3)	26.3 (23.2 to 29.5)
2008	33.5 (32.9 to 34.1)	64 (61.2 to 66.9)	24.8 (17.3 to 34.5)	27.8 (25.6 to 30.1)	26.6 (23.5 to 29.6)
2009	32.1 (31.5 to 32.7)	60.3 (57.6 to 63)	35.1 (26.1 to 46.1)	28.6 (26.4 to 30.8)	23.8 (21 to 26.6)
2010	32.6 (32.1 to 33.2)	57.7 (55 to 60.3)	33.6 (25 to 44.3)	29 (26.8 to 31.2)	23.6 (20.9 to 26.4)
2011	32.9 (32.3 to 33.5)	54.5 (51.9 to 57)	37.2 (28.4 to 47.9)	27.1 (25.1 to 29.1)	23.1 (20.6 to 25.7)
2012	33.4 (32.8 to 34)	57.7 (55.1 to 60.2)	35.4 (27.2 to 45.4)	29.3 (27.2 to 31.3)	21.4 (19.1 to 23.8)
2013	33.9 (33.3 to 34.5)	56.8 (54.3 to 59.3)	29.7 (22.3 to 38.7)	31.7 (29.7 to 33.8)	23.7 (21.3 to 26.1)
2014	35.2 (34.6 to 35.8)	55.9 (53.4 to 58.3)	35.2 (27.6 to 44.3)	29.6 (27.7 to 31.5)	21.1 (18.9 to 23.2)
2015	38.7 (38.1 to 39.3)	56.6 (54.2 to 59)	38.1 (30.1 to 47.5)	31.4 (29.5 to 33.3)	22.8 (20.6 to 24.9)
2016	40.4 (39.8 to 41.1)	61.1 (58.7 to 63.6)	44.1 (35.4 to 52.8)	33.4 (31.5 to 35.3)	26.9 (24.6 to 29.2)
2017	48.6 (47.9 to 49.3)	66.3 (63.8 to 68.8)	46.7 (38 to 55.4)	39.8 (37.7 to 41.8)	26.8 (24.6 to 29)
2018	55.1 (54.4 to 55.9)	67.9 (65.5 to 70.4)	55.6 (46.4 to 64.7)	43.2 (41.1 to 45.2)	29.7 (27.5 to 31.9)
2019	59.8 (59.1 to 60.6)	73.7 (71.2 to 76.2)	54.1 (45.4 to 62.9)	44.8 (42.8 to 46.9)	29.7 (27.6 to 31.9)
2020	67.1 (66.3 to 67.9)	85.5 (82.8 to 88.2)	64.5 (55.2 to 73.7)	50.6 (48.5 to 52.8)	34.7 (32.4 to 37)

NH = Non-Hispanic

Supplementary Table 6. Hypertension-Related Heart Failure Age-Adjusted Mortality Rates per 100,000, Stratified by States Among Older Adults in the US, 1999-2020

State	Age-Adjusted Rate (95% CI)
Alabama	47.5 (46.3 to 48.6)
Alaska	23.3 (20.2 to 26.5)
Arizona	46.6 (45.6 to 47.6)
Arkansas	57.1 (55.5 to 58.6)
California	52.2 (51.7 to 52.6)
Colorado	39.5 (38.4 to 40.7)
Connecticut	21.2 (20.5 to 22)
Delaware	23.6 (21.8 to 25.4)
District of Columbia	53.4 (49.9 to 56.9)
Florida	25.8 (25.5 to 26.2)
Georgia	49 (48 to 49.9)
Hawaii	20.2 (19 to 21.5)
Idaho	49.5 (47.4 to 51.7)
Illinois	33.7 (33.1 to 34.3)
Indiana	38.7 (37.8 to 39.6)
Iowa	46 (44.7 to 47.2)
Kansas	34.3 (33.2 to 35.5)
Kentucky	34.8 (33.7 to 35.8)
Louisiana	52.2 (50.9 to 53.4)
Maine	28.2 (26.7 to 29.7)
Maryland	31.2 (30.3 to 32)
Massachusetts	21.4 (20.8 to 22)
Michigan	42.3 (41.5 to 43)
Minnesota	31.5 (30.7 to 32.3)
Mississippi	109.6 (107.3 to 111.9)
Missouri	30.9 (30.1 to 31.7)

Montana	33 (31.1 to 35)
Nebraska	41.6 (40 to 43.1)
Nevada	40.6 (39 to 42.3)
New Hampshire	30.3 (28.7 to 32)
New Jersey	25.9 (25.4 to 26.5)
New Mexico	33.3 (31.9 to 34.8)
New York	39.3 (38.9 to 39.8)
North Carolina	34.1 (33.4 to 34.8)
North Dakota	39.8 (37.4 to 42.2)
Ohio	44 (43.3 to 44.7)
Oklahoma	85.8 (84.1 to 87.5)
Oregon	48.4 (47.2 to 49.6)
Pennsylvania	25.3 (24.9 to 25.8)
Rhode Island	29 (27.3 to 30.6)
South Carolina	49 (47.8 to 50.2)
South Dakota	47.5 (45 to 49.9)
Tennessee	65.8 (64.6 to 67)
Texas	48.6 (48.1 to 49.2)
Utah	39.4 (37.7 to 41.1)
Vermont	45.7 (42.8 to 48.5)
Virginia	29.8 (29.1 to 30.5)
Washington	59.6 (58.5 to 60.7)
West Virginia	38.5 (37 to 40)
Wisconsin	35.6 (34.8 to 36.5)
Wyoming	28 (25.4 to 30.7)

Supplementary Table 7. Hypertension-Related Heart Failure Age-Adjusted Mortality Rates per 100,000, Stratified by Census Regions Among Older Adults in the US, 1999-2020

Census Region	Year	Age-Adjusted Rate (95% CI)
Northeast	1999	24.9 (23.8 to 26.1)
Northeast	2000	25.1 (24 to 26.3)
Northeast	2001	24.8 (23.7 to 25.9)
Northeast	2002	24.8 (23.7 to 25.9)
Northeast	2003	25.3 (24.1 to 26.4)
Northeast	2004	27.9 (26.7 to 29)
Northeast	2005	27.3 (26.2 to 28.5)
Northeast	2006	27.4 (26.2 to 28.5)
Northeast	2007	25.9 (24.8 to 27)
Northeast	2008	26 (24.9 to 27.1)
Northeast	2009	25.7 (24.6 to 26.8)
Northeast	2010	25.6 (24.5 to 26.6)
Northeast	2011	24.3 (23.3 to 25.3)
Northeast	2012	26.3 (25.2 to 27.3)
Northeast	2013	27.1 (26.1 to 28.2)
Northeast	2014	27.4 (26.4 to 28.5)
Northeast	2015	29.6 (28.5 to 30.7)
Northeast	2016	31.3 (30.1 to 32.4)
Northeast	2017	35.7 (34.5 to 36.9)
Northeast	2018	41.2 (40 to 42.5)
Northeast	2019	43.1 (41.8 to 44.4)
Northeast	2020	48.1 (46.7 to 49.4)
Northeast	Total	29.8 (29.6 to 30.1)
Midwest	1999	30.8 (29.6 to 32)
Midwest	2000	31.4 (30.2 to 32.6)
Midwest	2001	32.9 (31.7 to 34.1)
Midwest	2002	31.6 (30.4 to 32.8)
Midwest	2003	33 (31.8 to 34.2)
Midwest	2004	34.6 (33.4 to 35.8)
Midwest	2005	36.6 (35.4 to 37.9)
Midwest	2006	35.5 (34.3 to 36.7)
Midwest	2007	32.8 (31.6 to 33.9)
Midwest	2008	34 (32.9 to 35.2)
Midwest	2009	31.9 (30.8 to 33.1)
Midwest	2010	31.8 (30.7 to 32.9)
Midwest	2011	33 (31.9 to 34.1)
Midwest	2012	32.2 (31.1 to 33.4)
Midwest	2013	33.4 (32.3 to 34.5)
Midwest	2014	33.7 (32.6 to 34.8)

Midwest	2015	37.8 (36.6 to 39)
Midwest	2016	40 (38.8 to 41.1)
Midwest	2017	46.4 (45.1 to 47.7)
Midwest	2018	52 (50.7 to 53.4)
Midwest	2019	56.8 (55.4 to 58.2)
Midwest	2020	63.2 (61.7 to 64.7)
Midwest	Total	38.2 (37.9 to 38.4)
South	1999	34.3 (33.2 to 35.3)
South	2000	36.5 (35.4 to 37.6)
South	2001	36.8 (35.8 to 37.9)
South	2002	37.6 (36.5 to 38.7)
South	2003	39.3 (38.2 to 40.4)
South	2004	38.4 (37.3 to 39.4)
South	2005	41.2 (40.1 to 42.3)
South	2006	40 (38.9 to 41.1)
South	2007	38.2 (37.1 to 39.2)
South	2008	37.6 (36.6 to 38.6)
South	2009	35.9 (34.9 to 36.9)
South	2010	36.5 (35.5 to 37.5)
South	2011	35.2 (34.3 to 36.2)
South	2012	37.4 (36.4 to 38.3)
South	2013	36.2 (35.3 to 37.2)
South	2014	37.9 (36.9 to 38.8)
South	2015	40.1 (39.2 to 41.1)
South	2016	42 (41 to 43)
South	2017	51.2 (50.2 to 52.3)
South	2018	57 (55.9 to 58.1)
South	2019	62.9 (61.8 to 64)
South	2020	72.2 (71 to 73.4)
South	Total	43.2 (43 to 43.4)
West	1999	36.4 (34.9 to 37.8)
West	2000	36.2 (34.8 to 37.7)
West	2001	38.4 (36.9 to 39.8)
West	2002	39.9 (38.4 to 41.3)
West	2003	44.5 (43 to 46)
West	2004	42.2 (40.7 to 43.7)
West	2005	46.5 (45 to 48.1)
West	2006	47.7 (46.2 to 49.3)
West	2007	44.5 (43.1 to 46)
West	2008	43.5 (42.1 to 44.9)
West	2009	41.3 (39.9 to 42.7)
West	2010	41.5 (40.2 to 42.9)

West	2011	42.8 (41.4 to 44.1)
West	2012	41.7 (40.4 to 43)
West	2013	43.7 (42.3 to 45)
West	2014	43.9 (42.6 to 45.2)
West	2015	47.7 (46.4 to 49)
West	2016	50.2 (48.8 to 51.5)
West	2017	58.4 (57 to 59.9)
West	2018	64 (62.5 to 65.5)
West	2019	67 (65.5 to 68.6)
West	2020	73.7 (72.2 to 75.3)
West	Total	48.5 (48.2 to 48.9)
Total	Total	40.5 (40.4 to 40.6)

Supplementary Table 8. Hypertension-Related Heart Failure Age-Adjusted Mortality Rates per 100,000, Stratified by Urban-Rural Classification Among Older Adults in the US, 1999-2020

	Age-Adjusted Rate (95% CI)	
Year	Metropolitan	Nonmetropolitan
1999	31.2 (30.5 to 31.8)	34.4 (33 to 35.8)

2000	32.2 (31.5 to 32.9)	35.1 (33.7 to 36.5)
2001	33.1 (32.4 to 33.8)	35.7 (34.3 to 37.1)
2002	32.9 (32.2 to 33.5)	38 (36.5 to 39.4)
2003	34.9 (34.2 to 35.5)	39.8 (38.3 to 41.3)
2004	35.2 (34.5 to 35.8)	39.5 (38 to 41)
2005	37.2 (36.5 to 37.8)	43 (41.5 to 44.6)
2006	36.7 (36 to 37.4)	42.8 (41.3 to 44.4)
2007	34.6 (33.9 to 35.2)	40.4 (39 to 41.9)
2008	34.5 (33.9 to 35.2)	40.3 (38.9 to 41.8)
2009	33.1 (32.4 to 33.7)	38.5 (37.1 to 39.9)
2010	33.3 (32.7 to 33.9)	38.7 (37.3 to 40.1)
2011	33.2 (32.6 to 33.8)	38.1 (36.7 to 39.5)
2012	34 (33.4 to 34.6)	39.2 (37.8 to 40.6)
2013	34.4 (33.8 to 35)	40.2 (38.8 to 41.6)
2014	35.2 (34.7 to 35.8)	40.9 (39.5 to 42.3)
2015	38.3 (37.7 to 38.9)	43.8 (42.3 to 45.2)
2016	40.4 (39.8 to 41)	45.9 (44.4 to 47.3)
2017	47.5 (46.8 to 48.2)	54.9 (53.3 to 56.4)
2018	53.2 (52.5 to 53.9)	60.4 (58.8 to 62.1)
2019	57.1 (56.4 to 57.8)	66.6 (64.8 to 68.3)
2020	64.2 (63.4 to 64.9)	75.5 (73.7 to 77.4)

Supplementary Table 9. Overall Hypertensive heart disease with heart failure Age-Adjusted Mortality Rates per 100,000

Year	Deaths	Age Adjusted Rate
1999	7399	21.6 (21.1 to 22.1)
2000	7656	22.1 (21.6 to 22.6)
2001	7923	22.5 (22 to 23)
2002	7928	22.3 (21.8 to 22.7)
2003	8566	23.6 (23.1 to 24.1)
2004	8679	23.6 (23.1 to 24.1)
2005	9489	25.2 (24.7 to 25.7)
2006	9369	24.2 (23.8 to 24.7)
2007	9610	24.3 (23.8 to 24.8)

2008	9917	24.5 (24 to 25)
2009	9754	23.5 (23 to 24)
2010	10043	23.7 (23.3 to 24.2)
2011	9819	22.5 (22 to 22.9)
2012	10084	22.5 (22.1 to 23)
2013	10546	22.9 (22.5 to 23.4)
2014	11157	23.7 (23.3 to 24.2)
2015	12351	25.7 (25.2 to 26.2)
2016	13059	26.6 (26.2 to 27.1)
2017	15783	31.5 (31 to 32)
2018	18239	35.6 (35.1 to 36.1)
2019	19965	38.3 (37.8 to 38.8)
2020	22599	42.6 (42.1 to 43.2)
Total	249935	26.7 (26.6 to 26.8)

Supplementary Figure 1. Overall Hypertensive Heart Disease with Heart Failure AAMRs per 100,000 in Older Adults in the United States, 1999 to 2020.