

**Rates (per 10,000 Population) for Hospital Discharges Having a Cardiovascular Disease Diagnosis
By County of Residence, West Virginia, 1998**

County	Heart Disease (390-398,402,404-429)				Cerebrovascular Disease (430-438)				Total Heart and Cerebrovascular Disease			
	Rate		Rank		Rate		Rank		Rate		Rank	
	Primary	Secondary*	Primary	Secondary*	Primary	Secondary*	Primary	Secondary*	Primary	Secondary*	Primary	Secondary*
Barbour	210.5	791.1	19	19	78.9	53.3	2	26	289.4	844.4	13	19
Berkeley	91.1	398.9	50	47	24.9	30.3	44	42	116.0	429.2	47	47
Boone	208.2	807.0	20	16	40.2	54.7	32	24	248.4	861.7	22	17
Braxton	192.9	777.8	25	20	38.3	49.4	33	29	231.2	827.2	25	21
Brooke	162.7	564.5	36	39	40.4	64.8	31	17	203.1	629.4	35	37
Cabell	177.6	694.8	32	27	49.8	69.8	14	15	227.4	764.6	29	26
Calhoun	181.9	745.8	30	24	45.8	64.1	22	20	227.7	809.9	28	23
Clay	230.0	797.2	15	18	57.5	55.6	7	23	287.5	852.7	14	18
Doddridge	150.3	594.2	39	36	38.2	39.6	34	36	188.5	633.8	38	36
Fayette	325.1	1,310.1	3	3	68.8	117.5	4	1	393.9	1,427.6	3	3
Gilmer	231.3	1,140.2	14	7	51.0	64.7	13	18	282.3	1,204.9	15	8
Grant	131.2	523.1	42	40	40.4	96.2	30	4	171.7	619.3	42	40
Greenbrier	146.7	601.4	40	35	38.0	34.2	35	38	184.6	635.6	40	34
Hampshire	46.8	155.7	55	55	7.2	9.2	55	55	54.0	164.9	55	55
Hancock	225.7	870.7	17	13	48.8	103.1	16	2	274.6	973.8	18	13
Hardy	84.3	356.0	51	48	17.8	28.4	51	44	102.2	384.4	52	48
Harrison	262.5	949.5	6	12	55.1	69.9	8	14	317.6	1,019.4	6	12
Jackson	240.7	994.6	11	11	53.3	80.5	10	8	294.0	1,075.1	12	11
Jefferson	81.1	309.0	52	52	24.4	21.7	45	49	105.5	330.8	51	52
Kanawha	202.5	802.3	22	17	48.0	72.5	19	10	250.5	874.8	21	16
Lewis	378.7	1,402.8	1	1	80.1	70.7	1	11	458.8	1,473.5	1	1
Lincoln	162.5	611.0	37	32	45.5	50.5	23	28	208.1	661.6	33	32
Logan	338.9	1,248.8	2	4	65.5	102.6	5	3	404.4	1,351.4	2	4
McDowell	251.8	1,156.7	8	6	47.7	74.0	20	9	299.6	1,230.7	9	6
Marion	179.5	721.5	31	25	40.5	42.7	28	33	220.0	764.2	31	27
Marshall	234.1	620.0	12	31	64.9	64.4	6	19	299.0	684.4	10	31
Mason	95.7	250.4	47	53	18.2	18.6	50	51	113.9	269.0	49	53
Mercer	297.9	1,367.0	4	2	48.4	86.0	17	5	346.3	1,453.0	4	2
Mineral	75.9	249.6	54	54	18.5	17.4	49	52	94.4	267.0	54	54
Mingo	255.9	1,058.3	7	9	53.2	82.8	11	7	309.0	1,141.1	8	9
Monongalia	95.3	441.5	48	45	22.6	21.6	46	50	117.9	463.1	46	45
Monroe	120.9	414.2	44	46	21.2	25.4	48	45	142.1	439.6	44	46
Morgan	93.9	338.7	49	49	16.0	22.3	53	48	109.9	360.9	50	50
Nicholas	163.5	720.2	35	26	42.1	46.6	27	32	205.6	766.8	34	25
Ohio	242.1	675.2	10	29	69.6	61.9	3	21	311.7	737.2	7	28
Pendleton	77.1	333.0	53	50	22.0	38.0	47	37	99.2	371.0	53	49
Pleasants	101.1	489.4	46	42	13.3	31.9	54	40	114.4	521.3	48	41
Pocahontas	102.1	311.9	45	51	28.6	31.8	41	41	130.7	343.7	45	51
Preston	146.5	601.5	41	34	30.1	32.5	40	39	176.6	634.0	41	35
Putnam	167.7	601.5	34	33	35.1	50.6	38	27	202.9	652.1	36	33
Raleigh	245.0	1,131.2	9	8	53.3	82.9	9	6	298.3	1,214.1	11	7
Randolph	227.9	591.1	16	37	47.6	28.8	21	43	275.5	619.8	17	39
Ritchie	201.5	865.2	23	14	52.3	53.3	12	25	253.9	918.5	20	14
Roane	184.0	760.7	27	23	32.5	57.9	39	22	216.5	818.5	32	22
Summers	278.7	1,215.3	5	5	44.6	70.2	24	13	323.3	1,285.5	5	5
Taylor	127.7	495.6	43	41	27.0	23.3	42	47	154.7	518.9	43	42
Tucker	182.4	487.7	29	43	40.5	14.9	29	54	222.9	502.6	30	43
Tyler	172.3	470.3	33	44	17.6	24.9	52	46	190.0	495.2	37	44
Upshur	197.5	663.6	24	30	35.2	40.3	37	35	232.6	704.0	24	30
Wayne	203.3	761.1	21	22	43.6	70.3	26	12	246.9	831.4	23	20
Webster	192.5	692.5	26	28	37.3	42.3	36	34	229.8	734.8	26	29
Wetzel	211.6	574.8	18	38	48.9	47.2	15	31	260.5	622.0	19	38
Wirt	158.6	765.2	38	21	26.1	15.7	43	53	184.8	780.9	39	24
Wood	183.3	828.6	28	15	44.4	48.3	25	30	227.7	876.9	27	15
Wyoming	231.4	1,012.0	13	10	48.2	68.7	18	16	279.5	1,080.6	16	10
Unknown	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WV Total	194.3	762.1			43.8	58.0			238.1	820.1		

* Secondary includes diagnoses two through eight. Source: West Virginia Health Care Authority