

2011 State Physician Workforce Data Release

Center for Workforce Studies

March 2011

INTRODUCTION

This data release is an update of Figures and Tables 1 and 2 of the *2009 State Physician Workforce Data Book*. It provides data by state on the physician to population ratio and the patient care physician to population ratio, as well as the total physicians by state and by degree type (M.D. or D.O.). A fully updated *State Physician Workforce Data Book* will be released in late fall 2011.

The primary sources for this data release are:

- The American Medical Association (AMA) Physician Masterfile (December 31, 2009);
- Population estimates from the U.S. Census Bureau.

The *2009 State Physician Workforce Data Book* can be viewed and downloaded online at www.aamc.org/initiatives/workforce/reports.

KEY DEFINITIONS

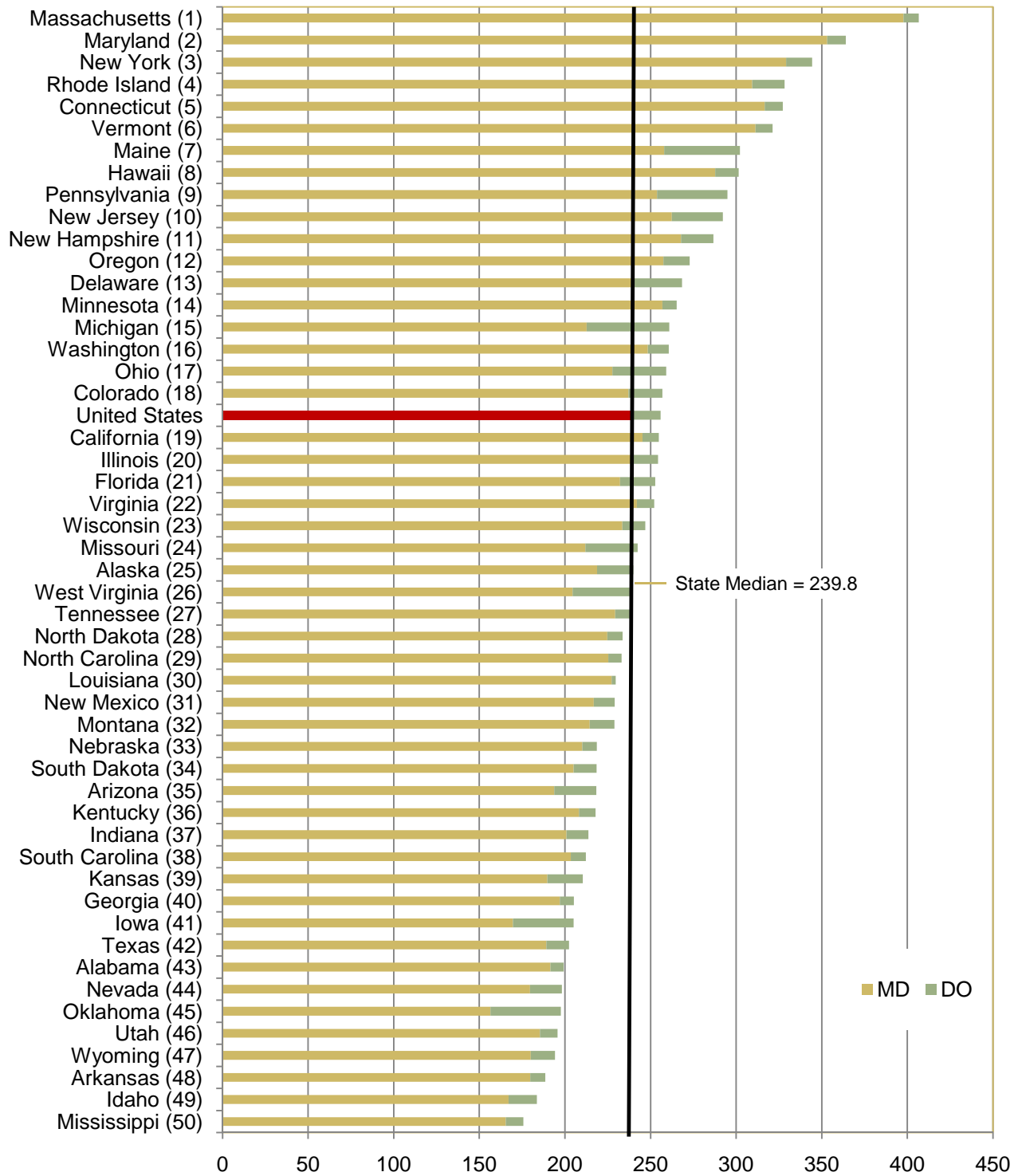
Active physicians: Physicians who report working in administration, direct patient care, medical research, medical teaching, or other non-patient care activities are considered active. Physicians whose major professional activity is unclassified are also considered active. Physicians who are classified as retired, semi-retired, temporarily not in practice, or not active for other reasons are excluded. Residents and fellows are also excluded.

These data refer to physicians who are active in the 50 states of the United States and the District of Columbia—regardless of where they attended medical or osteopathic school. Physicians active in other areas, such as Puerto Rico and other U.S. territories, are excluded. To determine whether or not an active physician is in the United States, the location of the physician's office was used. In cases where the office state was missing, the state from the preferred mailing address was used. This substitution occurred for approximately 14 percent of cases among all active physicians.

Active patient care physicians: This group is a subset of active physicians. It comprises only those physicians whose self-reported type of practice is direct patient care.

D.O.: Physicians who received their Doctor of Osteopathy (D.O.) degree from a U.S. osteopathic school accredited by the American Osteopathic Association.

Figure 1. Active Physicians per 100,000 Population by Degree Type, 2009



Sources: July 1, 2009 population estimates are from the U.S. Census Bureau (Release date: December 2009). Physician data are from the AMA Physician Masterfile (December 31, 2009).

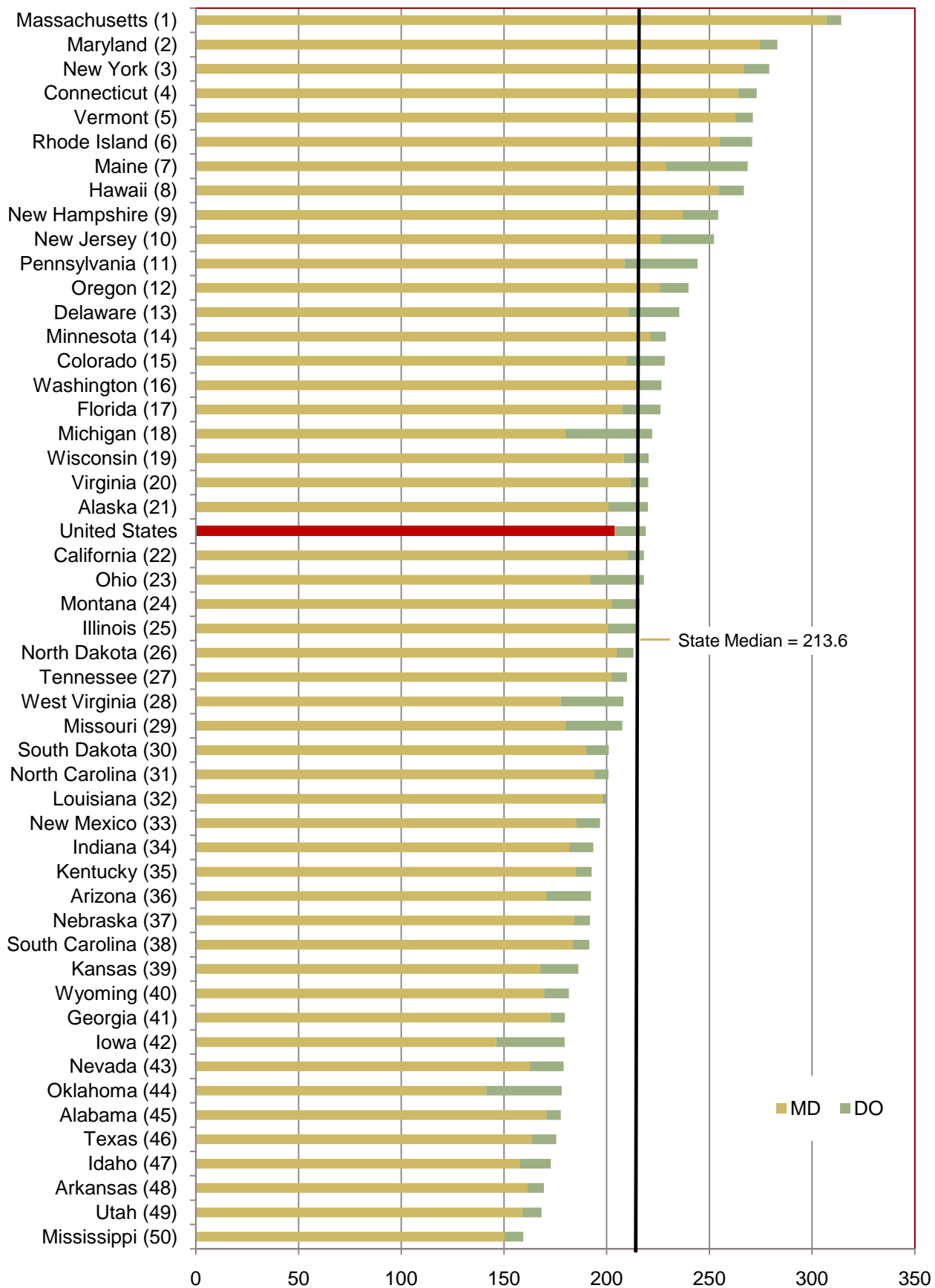
Table 1. Active Physicians per 100,000 Population by Degree Type, 2009

	Total Population	Total Active Physicians			Active M.D.s		Active D.O.s	
		Number	Rate per 100,000	Rank	Number	Rate per 100,000	Number	Rate per 100,000
United States	307,006,550	785,326	255.8	N.R.	731,875	238.4	53,451	17.4
Alabama	4,708,708	9,383	199.3	43	9,015	191.5	368	7.8
Alaska	698,473	1,676	240.0	25	1,528	218.8	148	21.2
Arizona	6,595,778	14,398	218.3	35	12,783	193.8	1,615	24.5
Arkansas	2,889,450	5,448	188.5	48	5,195	179.8	253	8.8
California	36,961,664	94,169	254.8	19	90,663	245.3	3,506	9.5
Colorado	5,024,748	12,910	256.9	18	11,917	237.2	993	19.8
Connecticut	3,518,288	11,512	327.2	5	11,141	316.7	371	10.5
Delaware	885,122	2,376	268.4	13	2,115	239.0	261	29.5
District of Columbia	599,657	5,203	867.7	N.R.	5,088	848.5	115	19.2
Florida	18,537,969	46,855	252.8	21	43,037	232.2	3,818	20.6
Georgia	9,829,211	20,169	205.2	40	19,372	197.1	797	8.1
Hawaii	1,295,178	3,905	301.5	8	3,727	287.8	178	13.7
Idaho	1,545,801	2,839	183.7	49	2,582	167.0	257	16.6
Illinois	12,910,409	32,842	254.4	20	30,778	238.4	2,064	16.0
Indiana	6,423,113	13,725	213.7	37	12,907	200.9	818	12.7
Iowa	3,007,856	6,168	205.1	41	5,102	169.6	1,066	35.4
Kansas	2,818,747	5,931	210.4	39	5,346	189.7	585	20.8
Kentucky	4,314,113	9,402	217.9	36	8,982	208.2	420	9.7
Louisiana	4,492,076	10,319	229.7	30	10,211	227.3	108	2.4
Maine	1,318,301	3,985	302.3	7	3,401	258.0	584	44.3
Maryland	5,699,478	20,752	364.1	2	20,132	353.2	620	10.9
Massachusetts	6,593,587	26,817	406.7	1	26,222	397.7	595	9.0
Michigan	9,969,727	26,016	260.9	15	21,207	212.7	4,809	48.2
Minnesota	5,266,214	13,970	265.3	14	13,527	256.9	443	8.4
Mississippi	2,951,996	5,185	175.6	50	4,884	165.4	301	10.2
Missouri	5,987,580	14,520	242.5	24	12,688	211.9	1,832	30.6
Montana	974,989	2,232	228.9	32	2,091	214.5	141	14.5
Nebraska	1,796,619	3,929	218.7	33	3,775	210.1	154	8.6
Nevada	2,643,085	5,238	198.2	44	4,746	179.6	492	18.6
New Hampshire	1,324,575	3,797	286.7	11	3,547	267.8	250	18.9
New Jersey	8,707,739	25,442	292.2	10	22,854	262.5	2,588	29.7
New Mexico	2,009,671	4,604	229.1	31	4,357	216.8	247	12.3
New York	19,541,453	67,309	344.4	3	64,318	329.1	2,991	15.3
North Carolina	9,380,884	21,871	233.1	29	21,131	225.3	740	7.9
North Dakota	646,844	1,511	233.6	28	1,454	224.8	57	8.8
Ohio	11,542,645	29,906	259.1	17	26,288	227.7	3,618	31.3
Oklahoma	3,687,050	7,284	197.6	45	5,767	156.4	1,517	41.1
Oregon	3,825,657	10,438	272.8	12	9,850	257.5	588	15.4
Pennsylvania	12,604,767	37,177	294.9	9	31,997	253.8	5,180	41.1
Rhode Island	1,053,209	3,458	328.3	4	3,259	309.4	199	18.9
South Carolina	4,561,242	9,678	212.2	38	9,278	203.4	400	8.8
South Dakota	812,383	1,775	218.5	34	1,666	205.1	109	13.4
Tennessee	6,296,254	14,984	238.0	27	14,445	229.4	539	8.6
Texas	24,782,302	50,143	202.3	42	46,855	189.1	3,288	13.3
Utah	2,784,572	5,450	195.7	46	5,161	185.3	289	10.4
Vermont	621,760	1,998	321.3	6	1,936	311.4	62	10.0
Virginia	7,882,590	19,878	252.2	22	19,081	242.1	797	10.1
Washington	6,664,195	17,367	260.6	16	16,559	248.5	808	12.1
West Virginia	1,819,777	4,362	239.7	26	3,722	204.5	640	35.2
Wisconsin	5,654,774	13,963	246.9	23	13,208	233.6	755	13.4
Wyoming	544,270	1,057	194.2	47	980	180.1	77	14.1

Sources: July 1, 2009 population estimates are from the U.S. Census Bureau (Release date: December 2009). Physician data are from the AMA Physician Masterfile (December 31, 2009).

N.R. = Not Ranked

Figure 2. Active Patient Care Physicians per 100,000 Population by Degree Type, 2009



Sources: July 1, 2009 population estimates are from the U.S. Census Bureau (Release date: December 2009). Physician data are from the AMA Physician Masterfile (December 31, 2009).

Table 2. Active Patient Care Physicians per 100,000 Population by Degree Type, 2009

	Total Population	Total Active Patient Care Physicians			Active Patient Care M.D.s		Active Patient Care D.O.s	
		Number	Rate per 100,000	Rank	Number	Rate per 100,000	Number	Rate per 100,000
United States	307,006,550	672,500	219.1	N.R.	625,664	203.8	46,836	15.3
Alabama	4,708,708	8,367	177.7	45	8,030	170.5	337	7.2
Alaska	698,473	1,537	220.1	21	1,402	200.7	135	19.3
Arizona	6,595,778	12,684	192.3	36	11,239	170.4	1,445	21.9
Arkansas	2,889,450	4,895	169.4	48	4,665	161.4	230	8.0
California	36,961,664	80,635	218.2	22	77,636	210.0	2,999	8.1
Colorado	5,024,748	11,470	228.3	15	10,546	209.9	924	18.4
Connecticut	3,518,288	9,605	273.0	4	9,290	264.0	315	9.0
Delaware	885,122	2,083	235.3	13	1,863	210.5	220	24.9
District of Columbia	599,657	3,761	627.2	N.R.	3,685	614.5	76	12.7
Florida	18,537,969	41,928	226.2	17	38,482	207.6	3,446	18.6
Georgia	9,829,211	17,656	179.6	41	16,960	172.5	696	7.1
Hawaii	1,295,178	3,455	266.8	8	3,296	254.5	159	12.3
Idaho	1,545,801	2,671	172.8	47	2,433	157.4	238	15.4
Illinois	12,910,409	27,643	214.1	25	25,895	200.6	1,748	13.5
Indiana	6,423,113	12,426	193.5	34	11,672	181.7	754	11.7
Iowa	3,007,856	5,400	179.5	42	4,398	146.2	1,002	33.3
Kansas	2,818,747	5,249	186.2	39	4,722	167.5	527	18.7
Kentucky	4,314,113	8,312	192.7	35	7,978	184.9	334	7.7
Louisiana	4,492,076	8,973	199.8	32	8,886	197.8	87	1.9
Maine	1,318,301	3,541	268.6	7	3,016	228.8	525	39.8
Maryland	5,699,478	16,132	283.0	2	15,634	274.3	498	8.7
Massachusetts	6,593,587	20,714	314.2	1	20,237	306.9	477	7.2
Michigan	9,969,727	22,148	222.2	18	17,932	179.9	4,216	42.3
Minnesota	5,266,214	12,048	228.8	14	11,641	221.1	407	7.7
Mississippi	2,951,996	4,706	159.4	50	4,436	150.3	270	9.1
Missouri	5,987,580	12,431	207.6	29	10,765	179.8	1,666	27.8
Montana	974,989	2,106	216.0	24	1,973	202.4	133	13.6
Nebraska	1,796,619	3,447	191.9	37	3,309	184.2	138	7.7
Nevada	2,643,085	4,733	179.1	43	4,291	162.3	442	16.7
New Hampshire	1,324,575	3,368	254.3	9	3,138	236.9	230	17.4
New Jersey	8,707,739	21,957	252.2	10	19,683	226.0	2,274	26.1
New Mexico	2,009,671	3,954	196.7	33	3,724	185.3	230	11.4
New York	19,541,453	54,542	279.1	3	52,068	266.4	2,474	12.7
North Carolina	9,380,884	18,839	200.8	31	18,195	194.0	644	6.9
North Dakota	646,844	1,378	213.0	26	1,325	204.8	53	8.2
Ohio	11,542,645	25,177	218.1	23	22,146	191.9	3,031	26.3
Oklahoma	3,687,050	6,568	178.1	44	5,213	141.4	1,355	36.8
Oregon	3,825,657	9,177	239.9	12	8,639	225.8	538	14.1
Pennsylvania	12,604,767	30,790	244.3	11	26,294	208.6	4,496	35.7
Rhode Island	1,053,209	2,852	270.8	6	2,684	254.8	168	16.0
South Carolina	4,561,242	8,736	191.5	38	8,373	183.6	363	8.0
South Dakota	812,383	1,633	201.0	30	1,542	189.8	91	11.2
Tennessee	6,296,254	13,216	209.9	27	12,733	202.2	483	7.7
Texas	24,782,302	43,486	175.5	46	40,564	163.7	2,922	11.8
Utah	2,784,572	4,687	168.3	49	4,421	158.8	266	9.6
Vermont	621,760	1,686	271.2	5	1,633	262.6	53	8.5
Virginia	7,882,590	17,359	220.2	20	16,681	211.6	678	8.6
Washington	6,664,195	15,101	226.6	16	14,367	215.6	734	11.0
West Virginia	1,819,777	3,788	208.2	28	3,230	177.5	558	30.7
Wisconsin	5,654,774	12,462	220.4	19	11,776	208.2	686	12.1
Wyoming	544,270	988	181.5	40	923	169.6	65	11.9

Sources: July 1, 2009 population estimates are from the U.S. Census Bureau (Release date: December 2009). Physician data are from the AMA Physician Masterfile (December 31, 2009).

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