APPENDIX 5

Supplementary Data Tables
Workforce

Table 5.1: Total Number of Active Physicians per 1,000 Persons by State, 2004 and 2005

State	Physicians per 1,000 Persons		State	Physicians per 1,000 Persons	
	04	05		04	05
Alabama	2.11	2.14	Montana	2.27	2.30
Alaska	2.32	2.41	Nebraska	2.35	2.38
Arizona	2.22	2.25	Nevada	1.92	1.96
Arkansas	2.05	2.04	New Hampshire	2.62	2.67
California	2.52	2.57	New Jersey	3.16	3.26
Colorado	2.66	2.68	New Mexico	2.38	2.39
Connecticut	3.50	3.54	New York	3.71	3.80
Delaware	2.59	2.61	North Carolina	2.45	2.48
District of Columbia	7.42	7.56	North Dakota	2.38	2.42
Florida	2.51	2.53	Ohio	2.72	2.77
Georgia	2.20	2.20	Oklahoma	2.03	2.05
Hawaii	3.10	3.12	Oregon	2.63	2.69
Idaho	1.77	1.79	Pennsylvania	3.17	3.20
Illinois	2.72	2.75	Rhode Island	3.46	3.58
Indiana	2.16	2.19	South Carolina	2.26	2.30
Iowa	2.10	2.11	South Dakota	2.21	2.23
Kansas	2.32	2.36	Tennessee	2.54	2.61
Kentucky	2.27	2.29	Texas	2.12	2.17
Louisiana	2.53	2.45	Utah	2.10	2.12
Maine	2.96	3.01	Vermont	3.51	3.54
Maryland	3.93	3.99	Virginia	2.65	2.68
Massachusetts	4.17	4.28	Washington	2.62	2.66
Michigan	2.71	2.74	West Virginia	2.46	2.52
Minnesota	2.75	2.79	Wisconsin	2.53	2.57
Mississippi	1.84	1.81	Wyoming	1.92	1.94
Missouri	2.57	2.59			

Source: CDC, NCHS, *Health United States,* 2007.

(1) Includes active federal and non-federal doctors of medicine and active doctors of osteopathy.

Data for Chart 5.2

Table 5.2: Medical and Dental Residents in Training in Community Hospitals, 1981 – 2006

Year	Residents
1981	57,776
1982	58,439
1983	59,990
1984	61,888
1985	59,171
1986	63,200
1987	60,909
1988	63,608
1989	64,478
1990	64,530
1991	67,189
1992	69,111
1993	73,377
1994	74,027
1995	78,137
1996	77,160
1997	75,398
1998	78,345
1999	77,796
2000	77,411
2001	77,731
2002	78,715
2003	77,813
2004	84,628
2005	83,823
2006	85,320

Source: Avalere Health analysis of American Hospital Association Annual Survey data, 2006, for community hospitals.

Data for Chart 5.3

Table 5.3: Total Full-time Equivalent Employees Working in Hospitals and Full-time Equivalents per Adjusted Admission,[1] 1981 – 2006

Year	FTE Personnel	FTE per Adjusted Admission
1981	3,028,154	0.073
1982	3,305,136	0.079
1983	3,095,579	0.074
1984	3,016,665	0.073
1985	2,996,846	0.075
1986	3,024,320	0.076
1987	3,106,082	0.078
1988	3,195,168	0.080
1989	3,297,947	0.082
1990	3,415,622	0.083
1991	3,530,623	0.084
1992	3,615,145	0.084
1993	3,674,250	0.085
1994	3,690,905	0.083
1995	3,707,958	0.081
1996	3,724,843	0.079
1997	3,789,752	0.078
1998	3,831,068	0.077
1999	3,837,964	0.075
2000	3,911,412	0.073
2001	3,987,274	0.073
2002	4,069,495	0.072
2003	4,108,628	0.071
2004	4,147,941	0.070
2005	4,256,899	0.070
2006	4,343,480	0.071

Source: Avalere Health analysis of American Hospital Association Annual Survey data, 2006, for community hospitals.

[1] An aggregate measure of workload reflecting the number of inpatient admissions, plus an estimate of the volume of outpatient services, expressed in units equivalent to an inpatient admission in terms of level of effort.

Data for Charts 5.4 and 5.5

Table 5.4: Number of RN Full-time Equivalent Employees, RN Full-time Equivalent Employees per Adjusted Admission, and RN Full-time Equivalents as a Percentage of Total FTEs, 1987 – 2006

Year	RN FTEs (thousands)	RN FTEs per Adjusted Admission	RN FTEs as a Percent of Total FTEs
1987	759.0	0.0192	24.4%
1988	770.6	0.0192	24.1%
1989	791.5	0.0196	24.0%
1990	809.9	0.0197	23.7%
1991	840.5	0.0200	23.8%
1992	858.9	0.0201	23.8%
1993	874.1	0.0201	23.8%
1994	890.9	0.0201	24.1%
1995	893.7	0.0195	24.1%
1996	895.1	0.0190	24.0%
1997	901.2	0.0185	23.8%
1998	929.7	0.0186	24.3%
1999	938.1	0.0182	24.4%
2000	957.6	0.0179	24.5%
2001	958.0	0.0174	24.0%
2002	988.1	0.0174	24.3%
2003	1,021.3	0.0177	24.9%
2004	1,053.1	0.0179	25.4%
2005	1,094.2	0.0181	25.7%
2006	1,138.6	0.0185	26.2%

Source: Avalere Health analysis of American Hospital Association Annual Survey data, 2006, for community hospitals.

Data for Charts 5.6 and 5.7

Table 5.5: Number of Physicians by Age, 1980, 1990, and 2006

Age Group	1980	1990	2006
Under 35	128,506	134,872	141,492
35-44	118,840	184,743	213,311
45-54	88,063	116,803	223,864
55-64	68,239	83,614	166,005
65 & Over	64,031	95,389	177,232
Total # of Physicians	467,679	615,421	921,904

Source: American Medical Association. (2008 Edition). *Physician Characteristics and Distribution in the US.*
Data for Chart 5.8

Table 5.6: RN Employment by Type of Provider, 1980 – 2004

	1980	1984	1988	1992	1996	2000	2004
Percent Employed by Hospitals	65.7%	68.1%	67.9%	66.5%	60.1%	59.1%	56.2%
Percent Employed by Nursing Homes/ Extended Care Facilities	8.0%	7.8%	6.6%	7.0%	8.1%	6.9%	6.3%
Percent Employed by Public/Community Health	6.6%	6.8%	6.8%	9.7%	13.2%	18.3%	14.9%
All Other	19.8%	17.3%	18.7%	16.8%	18.7%	15.7%	22.6%

Source: Bureau of Health Professions, Health Resources and Services Administration. (1980-2004). *Findings from the National Survey of Registered Nurses*. Link: http://bhpr.hrsa.gov/healthworkforce/rnsurvey04/.

Data for Chart 5.9

Table 5.7: Distribution of RN Workforce by Age Group, 1980 – 2020 (projected)

Age Group	1980	1990	2000	2004	2010 (proj.)	2020 (proj.)
20s	321,316	252,890	247,123	233,437	261,672	266,514
30s	320,101	536,442	614,728	532,707	539,981	554,090
40s	224,468	419,766	935,866	916,956	723,147	651,459
50s	171,240	206,647	585,497	801,643	896,206	697,039
60s	36,716	46,372	313,675	395,450	373,573	535,371
Total # of RNs	1,073,841	1,462,117	2,696,890	2,880,193	2,794,580	2,704,473

Source: Bureau of Health Professions, Health Resources and Services Administration. (1980-2004). *Findings from the National Survey of Registered Nurses*. Link: https://bhpr.hrsa.gov/healthworkforce/nursing.htm. 2010 and 2020 projections derived from The Lewin Group analysis of the *National Sample Survey of Registered Nurses*, 2000.

Data for Chart 5.10

Table 5.8: National Supply and Demand Projections for FTE RNs, 2000 – 2020

Year	RN FTE Supply	RN FTE Demand
2000	1,890,700	2,001,500
2005	1,942,500	2,161,300
2010	1,941,200	2,347,000
2015	1,866,100	2,569,800
2020	1,808,000	2,824,900

Source: National Center For Health Workforce Analysis, Bureau of Health Professions, Health Resources and Services Administration. (2004). *What Is Behind HRSA's Projected Supply, Demand, and Shortage of Registered Nurses?* Link: ftp://ftp.hrsa.gov/bhpr/workforce/behindshortage.pdf.

Data for Chart 5.12