

Baseline and Projected Supply of and Demand for Registered Nurses by State  
2014 and 2030

	2014	2030			
Region and State	Supply/ Demand <sup>a</sup>	Supply	Demand	Difference <sup>b</sup>	Adequacy <sup>c</sup>
<b>Northeast</b>					
Connecticut	34,000	43,500	40,000	3,500	8.8%
Maine	14,600	21,200	16,500	4,700	28.5%
Massachusetts	73,200	91,300	89,300	2,000	2.2%
New Hampshire	15,500	21,300	20,200	1,100	5.4%
New Jersey	81,700	90,800	102,200	(11,400)	(11.2%)
New York	174,100	213,400	195,200	18,200	9.3%
Pennsylvania	133,200	168,500	160,300	8,200	5.1%
Rhode Island	11,000	15,000	12,500	2,500	20.0%
Vermont	6,000	9,300	6,800	2,500	36.8%
<b>Midwest</b>					
Illinois	116,300	143,000	139,400	3,600	2.6%
Indiana	62,900	89,300	75,300	14,000	18.6%
Iowa	32,500	45,400	35,300	10,100	28.6%
Kansas	29,500	47,500	34,900	12,600	36.1%
Michigan	91,600	110,500	104,400	6,100	5.8%
Minnesota	56,200	71,800	68,700	3,100	4.5%
Missouri	59,600	89,900	73,200	16,700	22.8%
Nebraska	20,300	24,700	21,200	3,500	16.5%
North Dakota	7,600	9,900	9,200	700	7.6%
Ohio	122,800	181,900	132,800	49,100	37.0%
South Dakota	10,300	11,700	13,600	(1,900)	(14.0%)
Wisconsin	58,100	78,200	72,000	6,200	8.6%
<b>South</b>					
Alabama	68,000	85,100	79,800	5,300	6.6%
Arkansas	28,400	42,100	32,300	9,800	30.3%
Delaware	9,600	14,000	12,800	1,200	9.4%
Distr. of Columbia <sup>d</sup>	1,800	8,800	2,300	6,500	282.6%
Florida	170,600	293,700	240,000	53,700	22.4%
Georgia	77,200	98,800	101,000	(2,200)	(2.2%)
Kentucky	44,900	64,200	53,700	10,500	19.6%
Louisiana	40,600	52,000	49,700	2,300	4.6%
Maryland	58,700	86,000	73,900	12,100	16.4%
Mississippi	29,100	42,500	35,300	7,200	20.4%
North Carolina	90,000	135,100	118,600	16,500	13.9%
Oklahoma	32,500	46,100	40,600	5,500	13.5%
South Carolina	36,900	52,100	62,500	(10,400)	(16.6%)
Tennessee	61,000	90,600	82,200	8,400	10.2%
Texas	180,500	253,400	269,300	(15,900)	(5.9%)
Virginia	67,900	109,200	86,500	22,700	26.2%
West Virginia	18,800	25,200	20,800	4,400	21.2%

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Region and State	Supply/ Demand <sup>a</sup>	Supply	Demand	Difference <sup>b</sup>	Adequacy <sup>c</sup>
<b>West</b>					
Alaska	16,400	18,400	23,800	(5,400)	(22.7%)
Arizona	65,700	99,900	98,700	1,200	1.2%
California	277,400	343,400	387,900	(44,500)	(11.5%)
Colorado	41,900	72,500	63,200	9,300	14.7%
Hawaii	10,900	19,800	16,500	3,300	20.0%
Idaho	11,200	18,900	15,300	3,600	23.5%
Montana	9,600	12,300	12,100	200	1.7%
Nevada	18,300	33,900	25,800	8,100	31.4%
New Mexico	15,900	31,300	21,600	9,700	44.9%
Oregon	30,400	41,100	38,600	2,500	6.5%
Utah	20,000	33,500	29,400	4,100	13.9%
Washington	56,700	85,300	79,100	6,200	7.8%
Wyoming	4,200	8,300	5,500	2,800	50.9%

**Notes:** The model assumes increased insurance coverage associated with Medicaid expansion and insurance marketplaces, together with year 2014 health care use and delivery patterns. Numbers may not sum to totals due to rounding.

<sup>a</sup> The projections assume that each state's supply and demand are equal in 2014.

<sup>b</sup> Difference = 2030 projected supply – demand.

<sup>c</sup> Adequacy = 100 \* (projected supply – projected demand)/(projected demand); a negative adequacy indicates a shortage (i.e., supply is less than demand) while a positive adequacy indicates a surplus (i.e., supply is greater than demand); adequacies associated with 2030 projected shortages are Source: in blue.

<sup>d</sup> Starting supply for Washington D.C. is based on small sample size in the American Community Survey so supply estimates might be unreliable

Source: U.S. Department of Health and Human Services, Health Resources and Services Administration, National Center for Health Workforce Analysis. 2017. National and Regional Supply and Demand Projections of the Nursing Workforce: 2014-2030. Rockville, Maryland.