

The estimated demand for health care workers in 2010 and 2020 is noted on the following chart.

Estimated Demand for Health Care Workers through 2020

Occupation Title	Current Employment	Current Shortage	Current Demand	Projected Health Care Workforce Needs by 2010	Projected Health Care Workforce Needs by 2020	Percent Shortage in Workforce by 2020
Registered nurses (including CRNAs, nurse practitioners, and nurse midwives)	9,082	1,038	10,120	12,056	15,432	41.1%
Nursing aides, orderlies, certified nurse assistants, attendants	3,245	323	3,568	4,251	5,441	40.4%
Medical records and health info technicians	1,337	172	1,509	1,872	2,547	47.5%
Dental assistants	1,110	20	1,130	1,402	1,906	41.8%
Medical and nurse managers	1,054	76	1,130	1,345	1,722	38.8%
Home health aides	1,080	40	1,120	1,334	1,708	36.8%
Dental hygienists	750	30	780	967	1,316	43.0%
Emergency medical technician/ paramedics	864	19	883	1,052	1,347	35.9%
Radiologic technologists and technicians	723	109	832	991	1,268	43.0%
Licensed practical nurses	1,111	390	1,501	1,669	1,919	42.1%
Physical therapists	573	119	692	825	1,056	45.7%
Physical therapist assistants	255	91	346	430	584	56.3%
Occupational therapists	350	67	417	496	635	44.9%
Respiratory therapists	233	39	272	324	415	43.9%
CT scanning technologists	237	24	261	312	399	40.6%
Medical and clinical lab technologists	397	30	427	474	545	27.2%
MRI technologists	172	22	194	232	296	41.9%
Speech language pathologists	122	46	168	200	256	52.3%
Pharmacy technicians	149	16	165	196	251	40.6%
Pharmacists	139	24	163	194	249	44.2%
Surgical technologists	134	21	155	184	236	43.2%
Medical and clinical lab technicians	228	32	260	289	332	31.3%
Phlebotomists	156	15	171	190	218	28.4%
Surgical technicians	33	-	33	40	51	35.3%
Grand Total	23,534	2,763	26,297	31,325	40,129	41.4%
Projected Health Care Workforce Vacancies from Current Employment Estimates				7,791	16,595	

Source: The Health Care Workforce Shortage: An Analysis of the Scope and Impact on Northern Virginia. (January 2005)