

Are we Graduating Enough Health Care Providers?  
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**Life Expectancy in 2002**

Age	White	Black
At birth	77.7	72.3
At 65	83.2	81.6
At 85	91.4	91.6
At 100	102.4	103

(Health, United States, 2004)

**Older Americans**

- Defined as 65 years of age or older
- 35.6 Million, 12% of U.S. population
- 2030, approximately 70 million

**May 2004 National - Employment Data**

Nursing	2,311,970
Radiologic Technologists	177,220
Health Information	155,030
Respiratory Therapists	115,540
Physical Therapist Assistant	57,420
Sonography	41,280

(Bureau of Labor Statistics)

**May 2004 State**

	KS	MO	OK
NU	25,800	53,630	22,540
XR	1,670	3,950	2,010
HIT	2,130	4,850	2,260
RT	1,420	2,820	1,260
PTA	850	1,240	960
DMS	450	890	480

(Bureau of Labor Statistics)

**Projected Job Outlook**

**HIT & PTA**

grow much faster than average  
 36% or more through 2012

**DMS, XR, RT**

grow faster than average  
 21%-35%

(Occupational Outlook Handbook, 2004-05)

**National Employment Data - 2004 - 2012**

	2004	2012 (projected)
NU	2,311,970	2,908,000
XR	177,220	214,000
HIT	155,030	216,000
RT	115,540	151,000
PTA	57,420	73,000
DMS	41,280	45,000

(BLS)

**Annual Replacement - 2002 - 2012**

Profession	Openings	New	Replacement
NU	173,000	125,000	48,000
XR	19,000	16,000	3,000
HIT	21,000	19,000	2,000
RT	8,000	5,000	3,000
PTA	10,000	9,000	1,000
DMS	4,000	3,000	1,000

(BLS)

**2003-2004, National**

Profession	Programs	Graduates
XR	591	8,408
HIT	180	1,714
RT	370	3,778
PTA	228	1,457
DMS	121	1,328

(AMA, Health Professions Education Data Book)

**Annual Replacement - 2002 - 2012**

Profession	New	Replace	Graduates
XR	16,000	3,000	8,408
HIT	19,000	2,000	1,714
RT	5,000	3,000	3,778
PTA	9,000	1,000	1,457
DMS	3,000	1,000	1,328

(BLS) (BLS) (AMA)

**2003-2004 Kansas**

Profession	Programs	Graduates
XR	5	129
HIT	2	18
RT	7	91
PTA	3	29
DMS	1	1

(AMA, Health Professions Education Data Book)

**Where do they go?**

- Number of graduates
  - 118 in 5 disciplines
- Number of applications
  - 349 for 5 disciplines
- Number accepted
  - 184 for 5 disciplines
- Number not accepted
  - 165 students

**Educational Barriers**

- Waiting list
- Aging faculty
- Availability of clinical rotations
- Classroom/laboratory space
- Qualified faculty
- Accreditation

**Other**

- Distance Education
- Non Direct Patient Care Professions
- State Restrictions