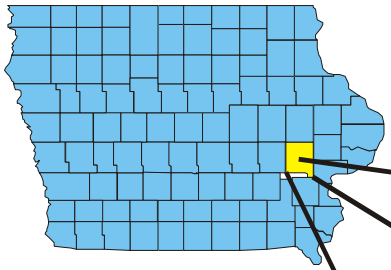


"OSCEP - A STATEWIDE RESOURCE"

Health and Long-Term Care Access Advisory Council
Iowa Department of Public Health
February 26, 2007

Office of Statewide Clinical Education Programs

Carver College of Medicine
University of Iowa

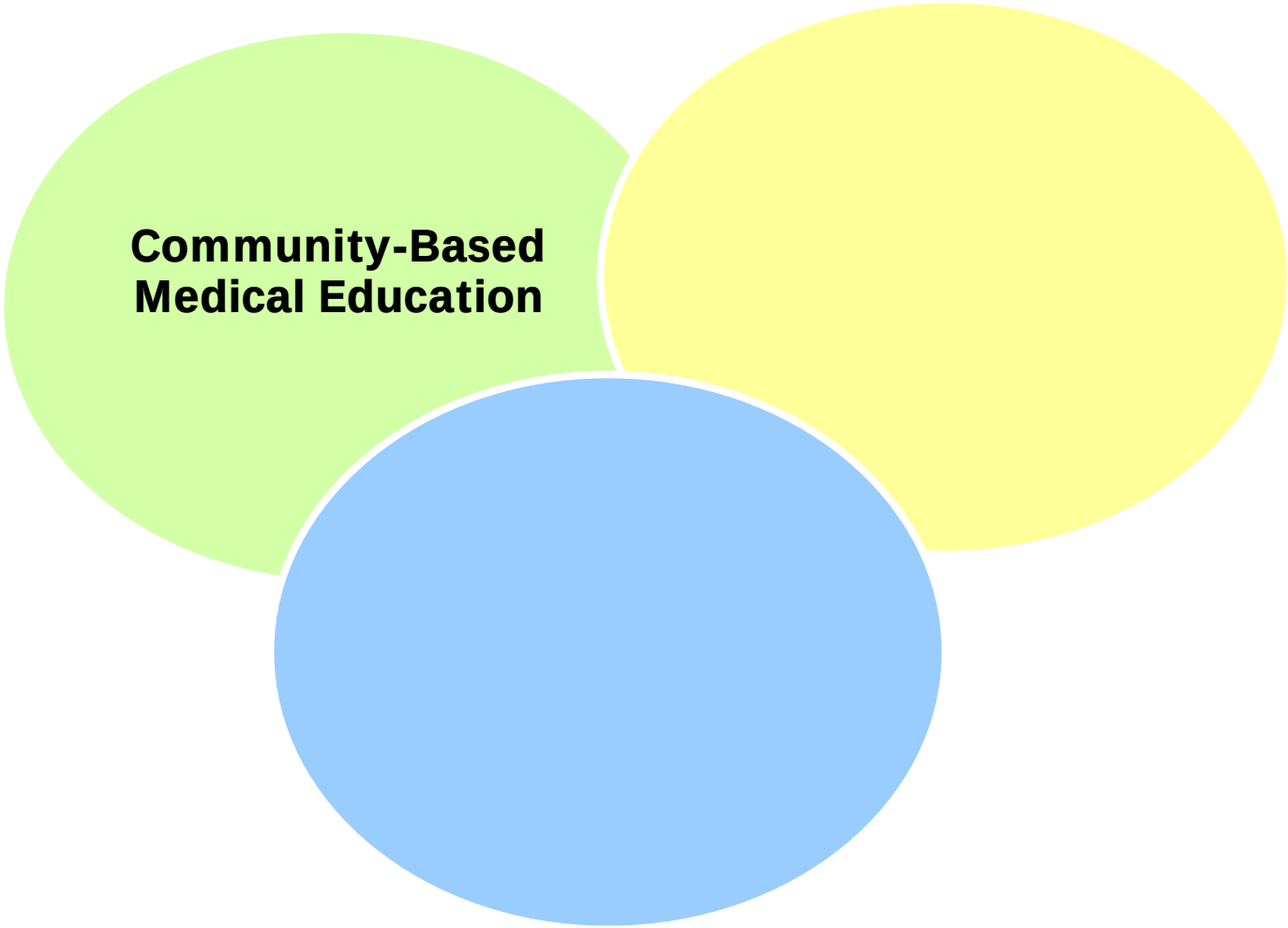
PRESENATION TODAY

- Overview of UI OSCEP
- Iowa Health Professions Tracking Center
- Iowa Physician Information System
- Characterize Iowa's physician population
- Focus on selected workforce trends
- Invite your comments and questions

OFFICE OF STATEWIDE CLINICAL EDUCATION PROGRAMS

Carver College of Medicine
The University of Iowa

OFFICE OF STATEWIDE CLINICAL EDUCATION PROGRAMS



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STATEWIDE MEDICAL EDUCATION SYSTEM

UI

Carver College of Medicine
The University of Iowa

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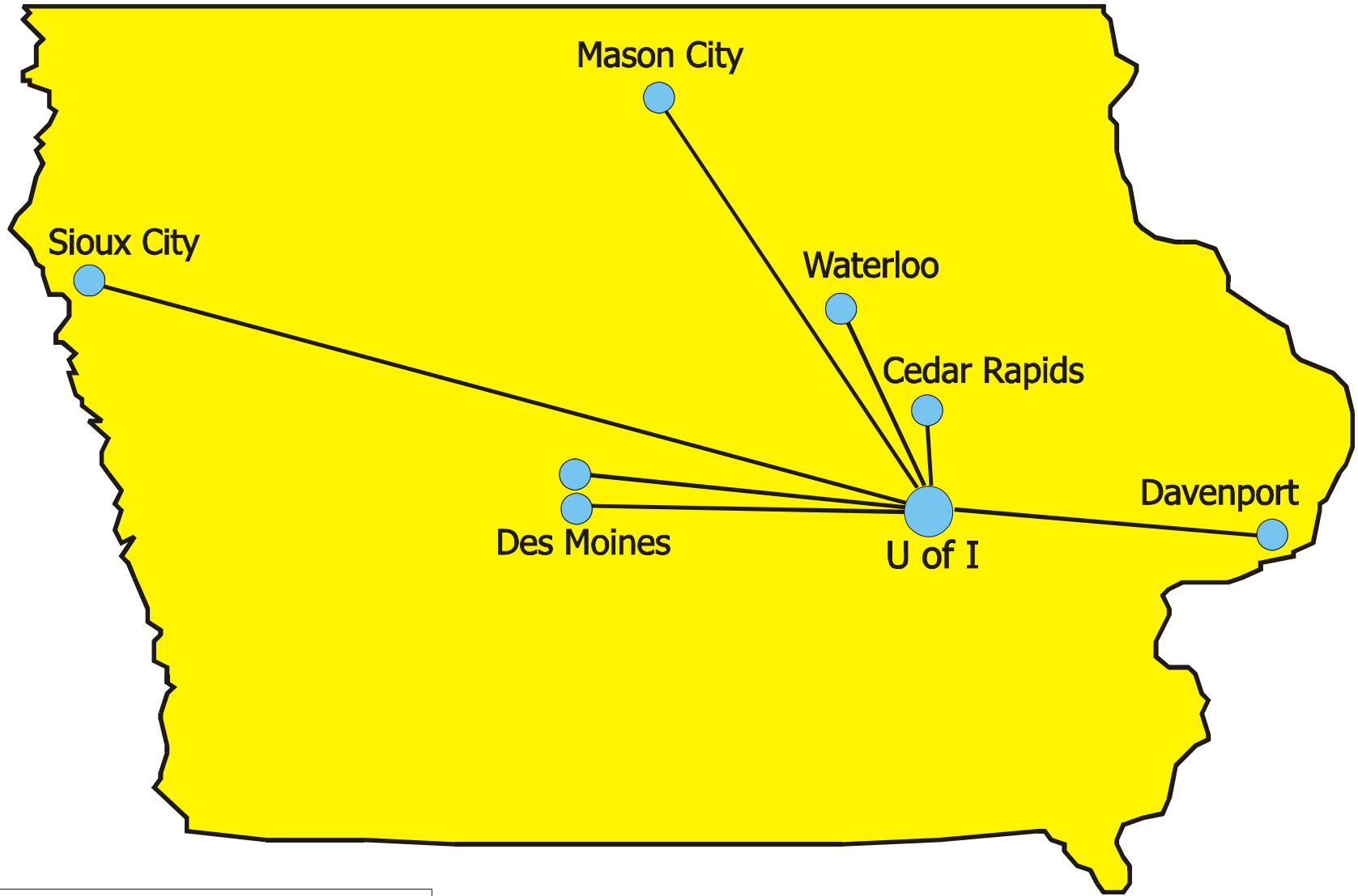
IOWA FAMILY MEDICINE TRAINING NETWORK



Family Medicine Programs

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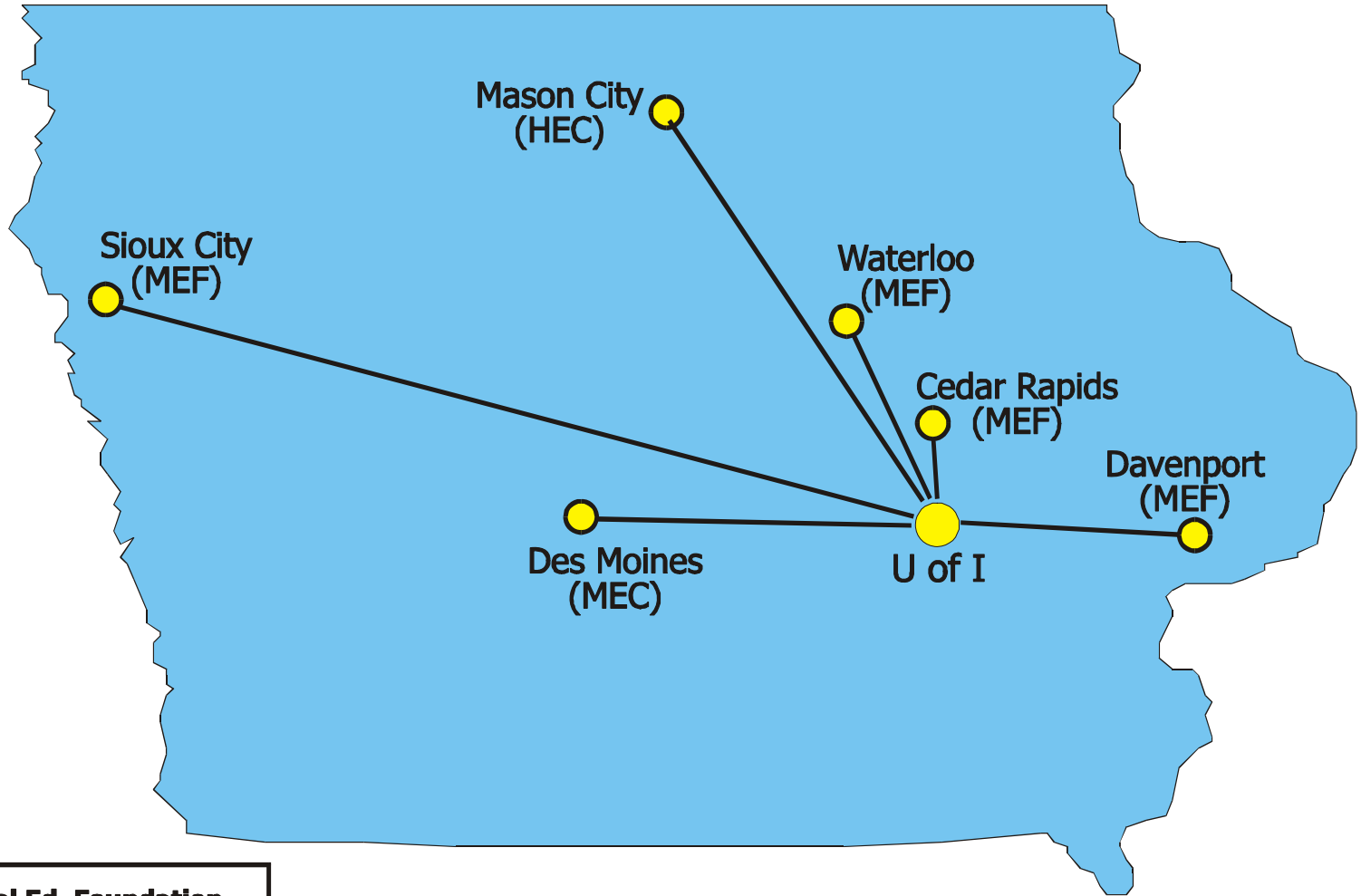
REGIONAL MEDICAL EDUCATION CENTERS

— UI Affiliates —



MEF = Medical Ed. Foundation
MEC = Medical Ed. Consortium
HEC = Health Ed. Center

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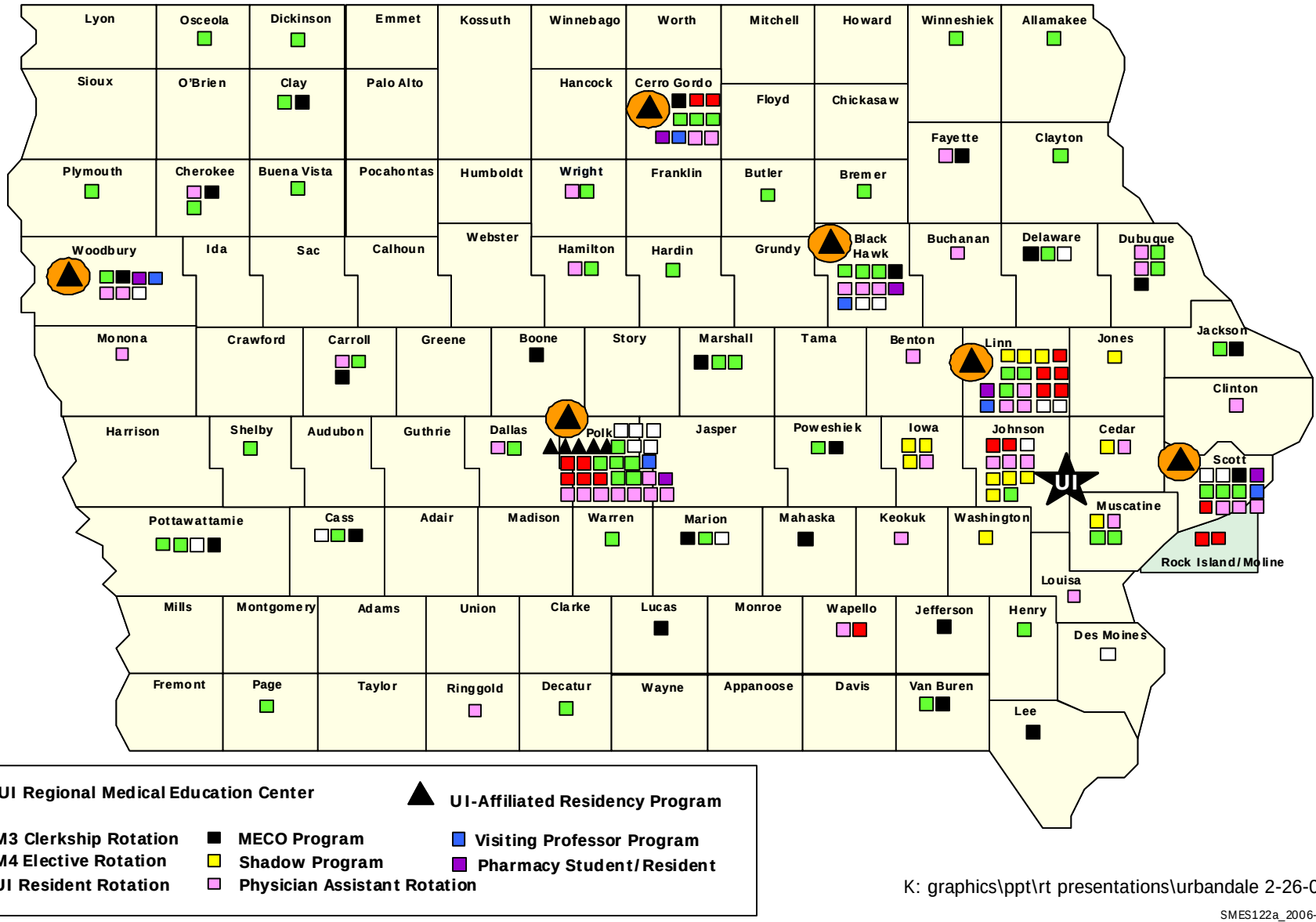
STATEWIDE MEDICAL EDUCATION SYSTEM

Location of Educational Activities

2006-2007



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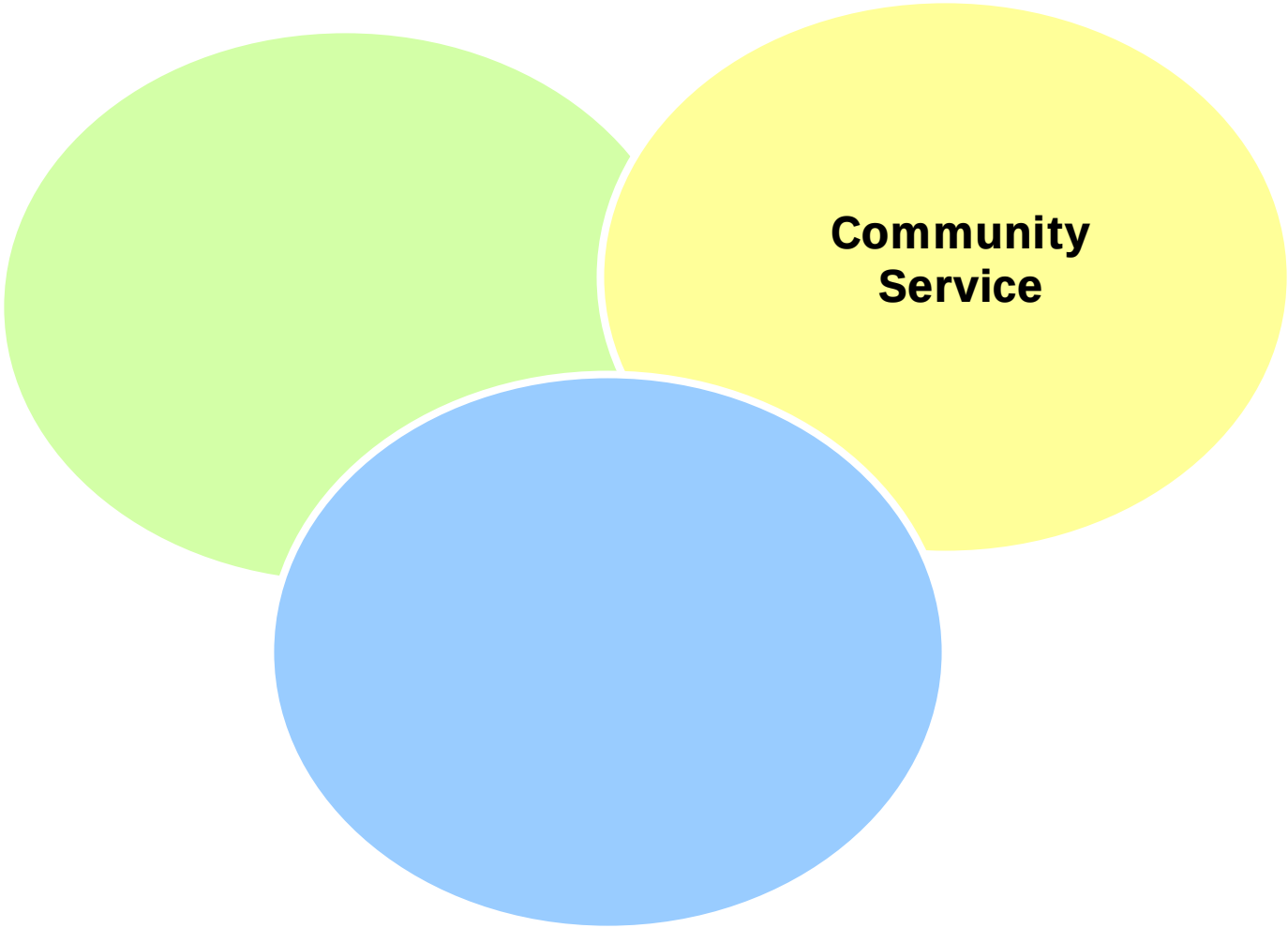
Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, October 2007

OFFICE OF STATEWIDE CLINICAL EDUCATION PROGRAMS



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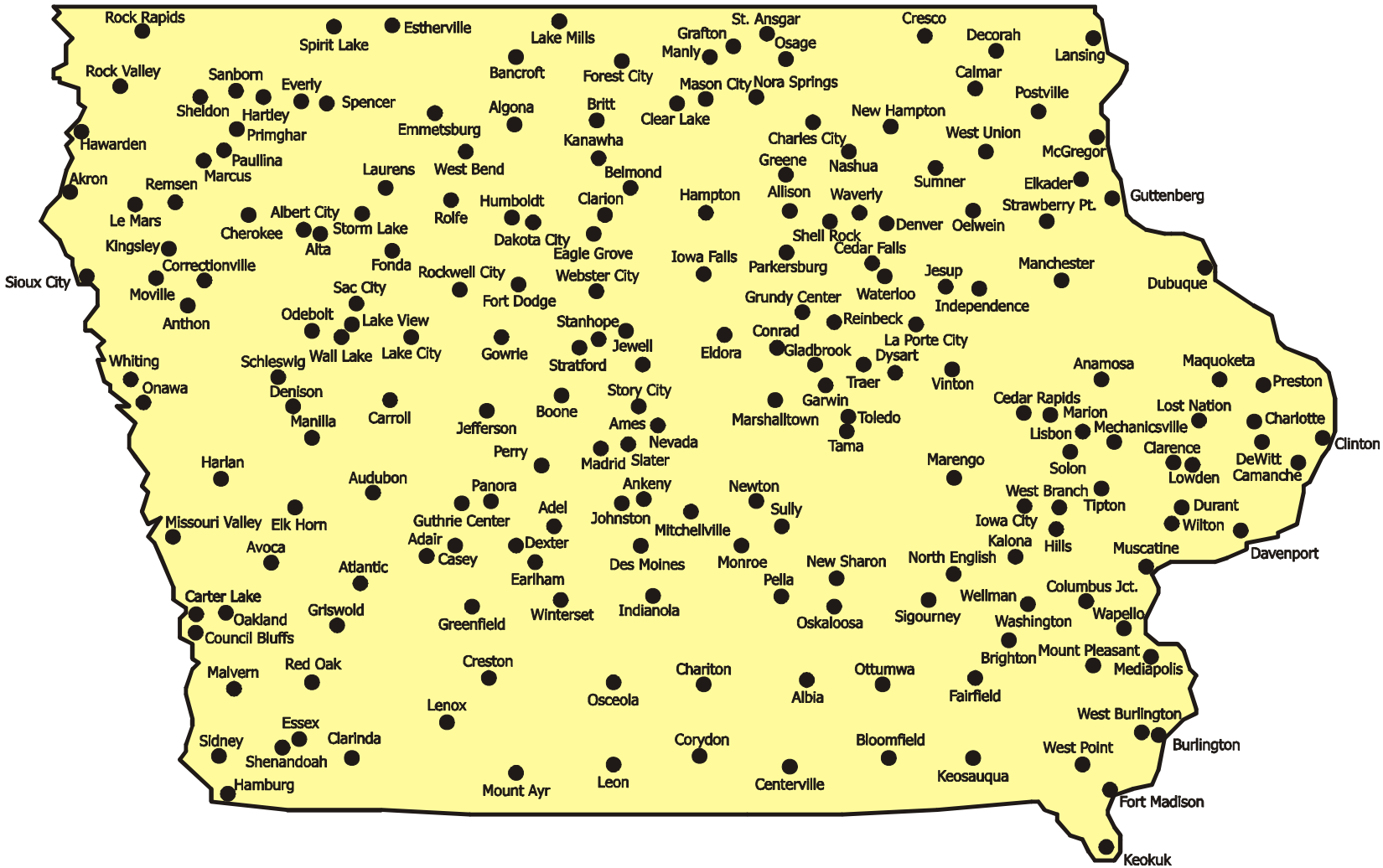
OFFICE OF STATEWIDE CLINICAL EDUCATION PROGRAMS

— Community Services —

- Physician Recruitment / Placement
- Practice Feasibility
- Practice Coverage / Support
- Contract Review / Editing
- Practice Management Consultations
- Market Research
- Community Relations / Mediation

- Satellite Clinic Feasibility / Consultation
- Developing New Practices / Consolidating Practices
- Practice Acquisitions

On-Site Consultations Through OSCEP's Outreach Programs (206 Communities)



Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, August 2008

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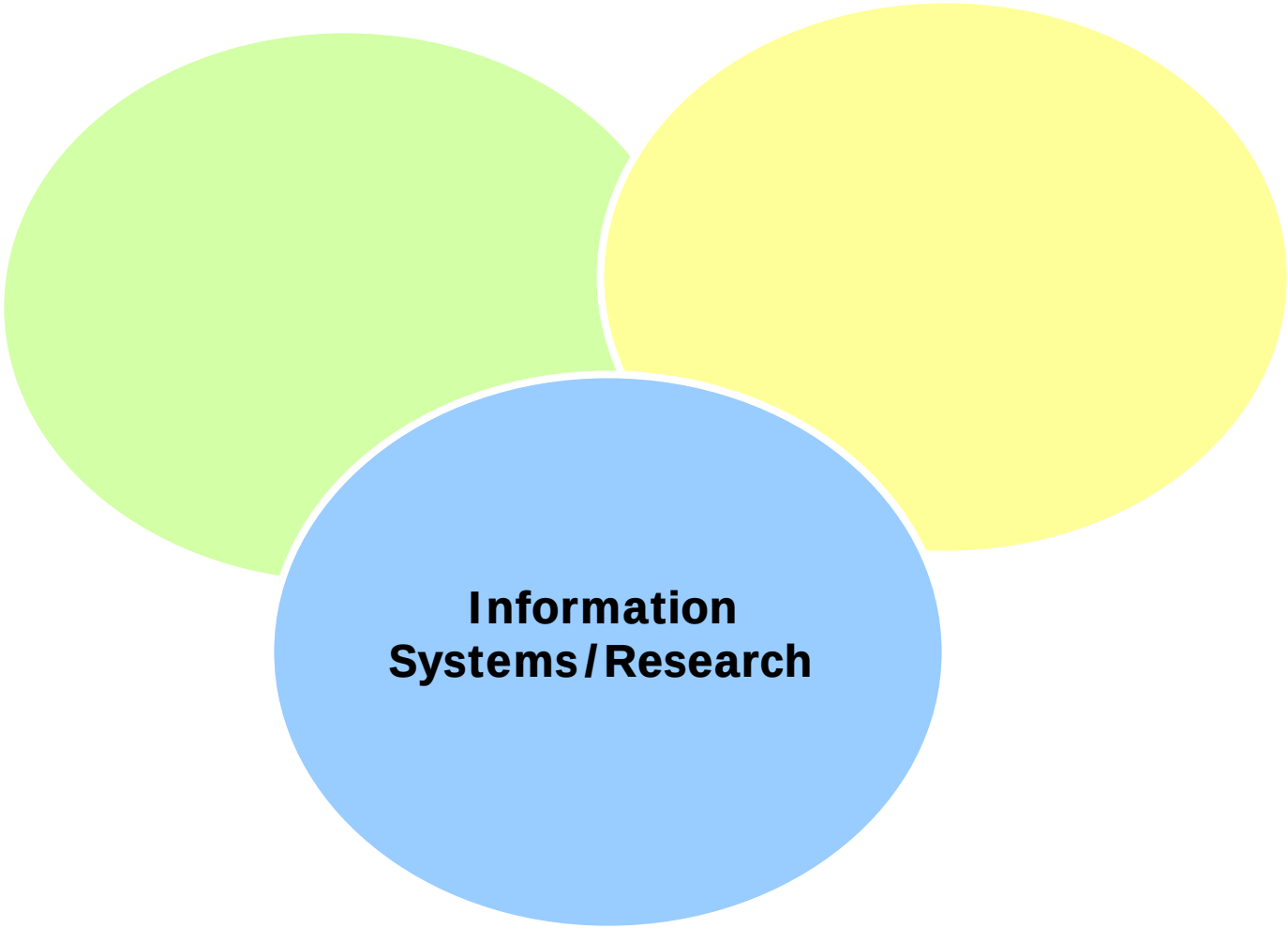
OFFICE OF STATEWIDE CLINICAL EDUCATION PROGRAMS



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IOWA HEALTH PROFESSIONS TRACKING CENTER

— Tracking Systems —

- Physicians
- Pharmacists
- Dentists
- Physician Assistants
- Advanced Practice Nurses

- Registered Nurses

Iowa Physician Information System

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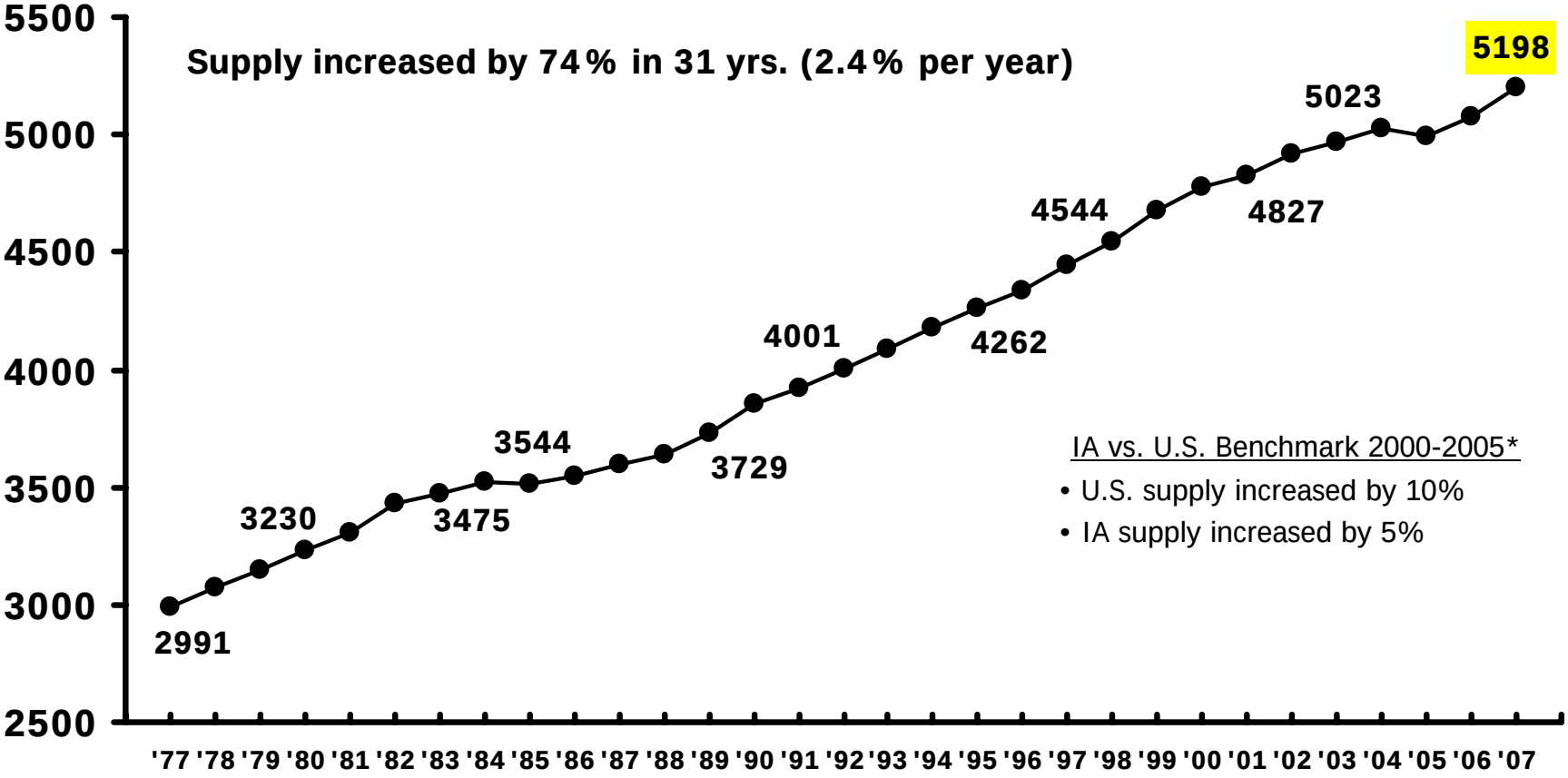
IOWA PHYSICIAN INFORMATION SYSTEM

- Continuous inventory
- All Iowa physicians (MD/DO)
- Purposes:
  - describe physician population
  - monitor trends
  - support and evaluate programs
  - conduct research
  - inform policy
  - produce data products/services

IOWA PHYSICIAN SUPPLY
1977 - 2007



*** Source: AMA, Physician Characteristics & Distribution in the US, 2007 Edition**

Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, December 2007

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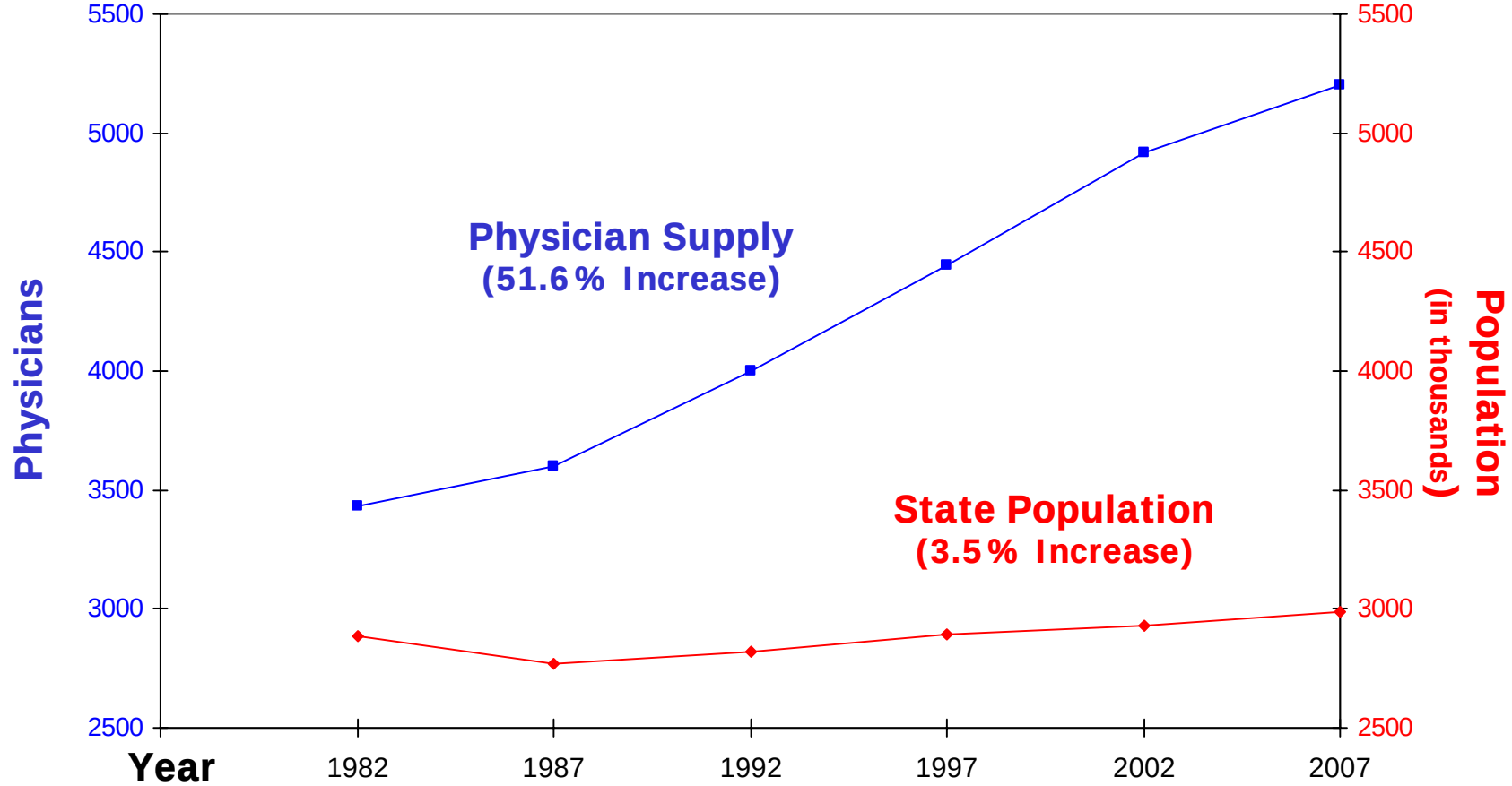
IOWA PHYSICIAN SUPPLY vs. POPULATION



Physicians per 100,000	**119**	**130**	**142**	**154**	**168**	**174**

Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, December 2007

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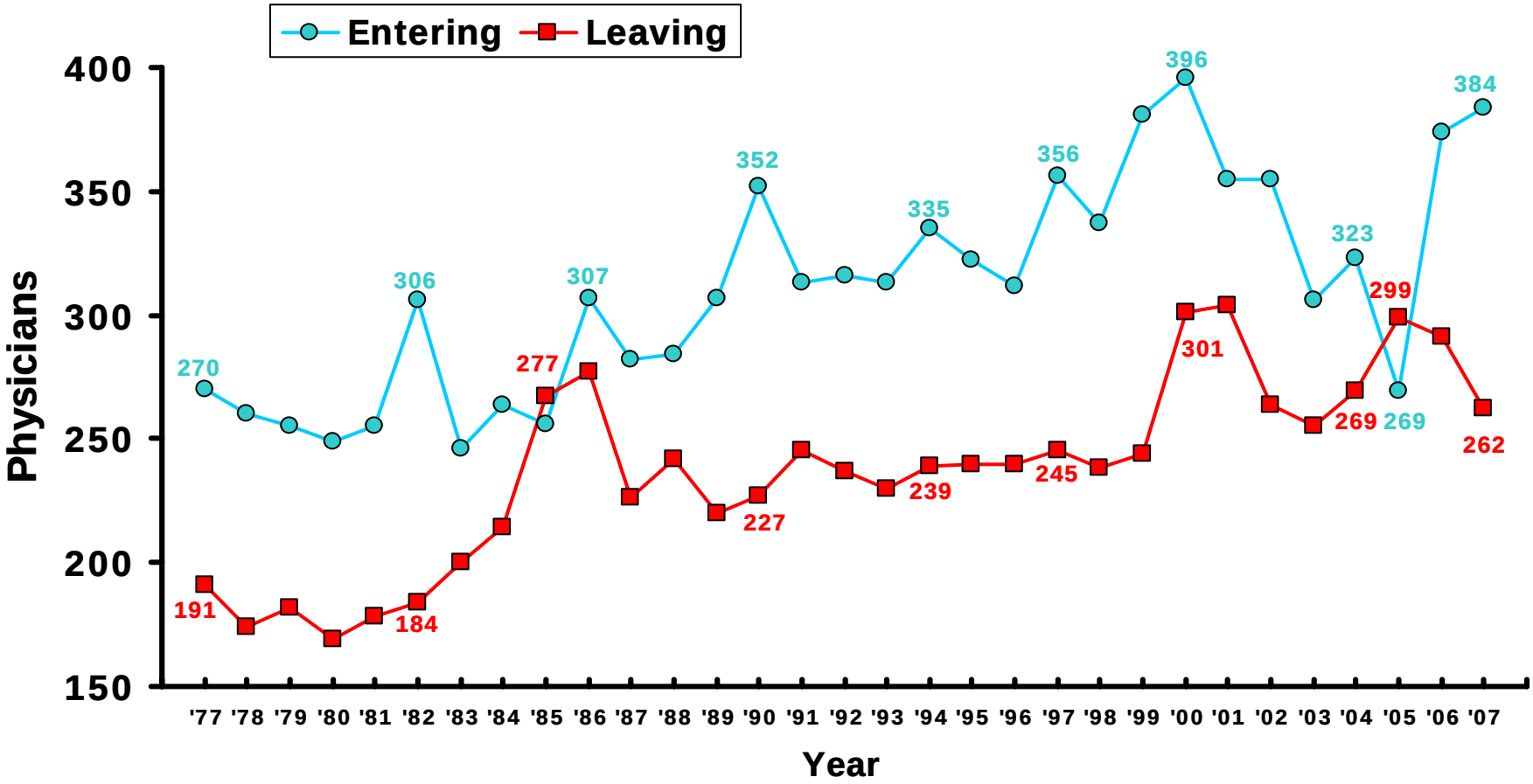
NET GAIN/LOSS IN IOWA PHYSICIANS 1977 - 2007



Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, December 2007

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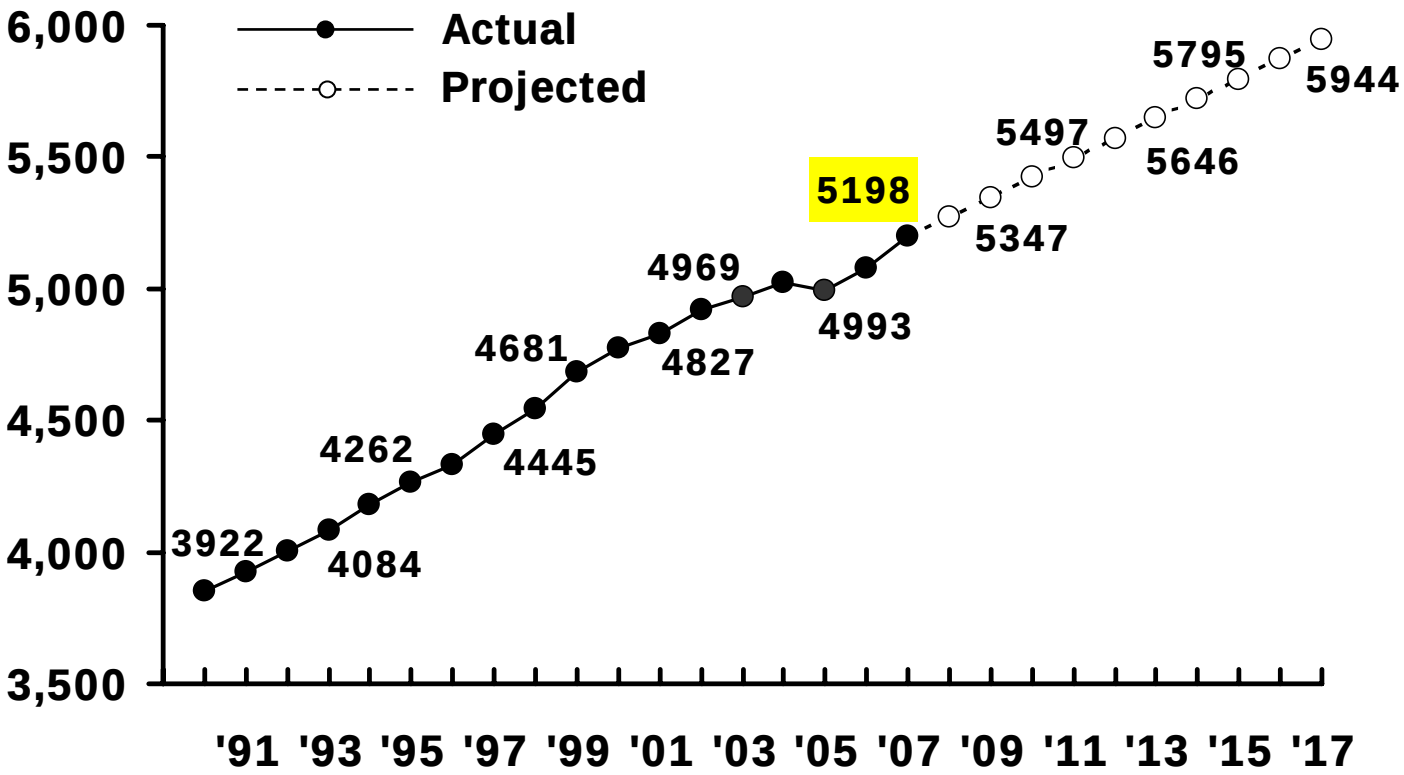
PROJECTION: IOWA PHYSICIAN SUPPLY



Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, December 2007

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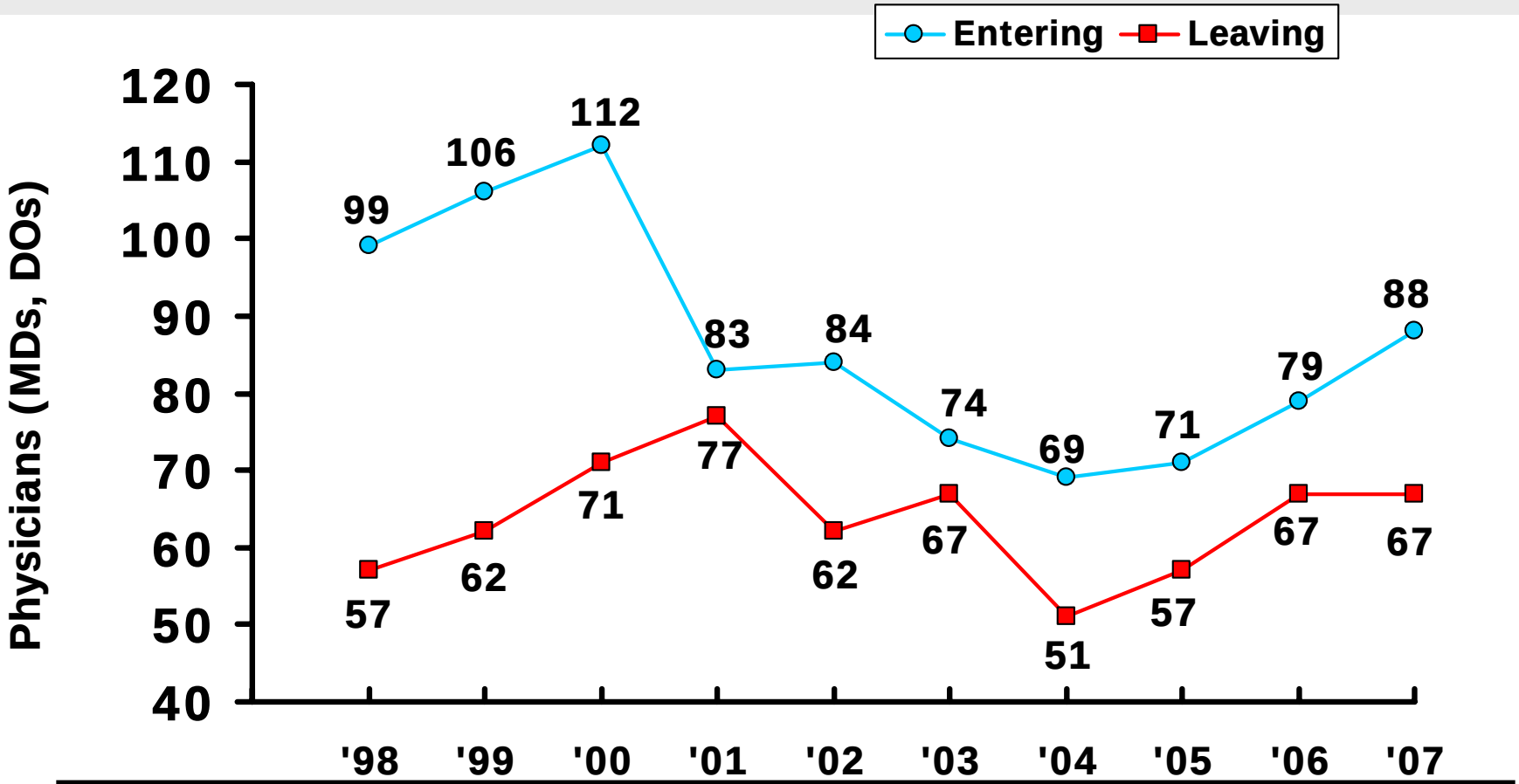
NET GAIN IN FAMILY PHYSICIANS*
1998 - 2007



Net Gain:	42	44	41	6	22	7	18	14	12	21

*** Includes residency-trained FM practicing Emergency Medicine.**

Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, December 2007

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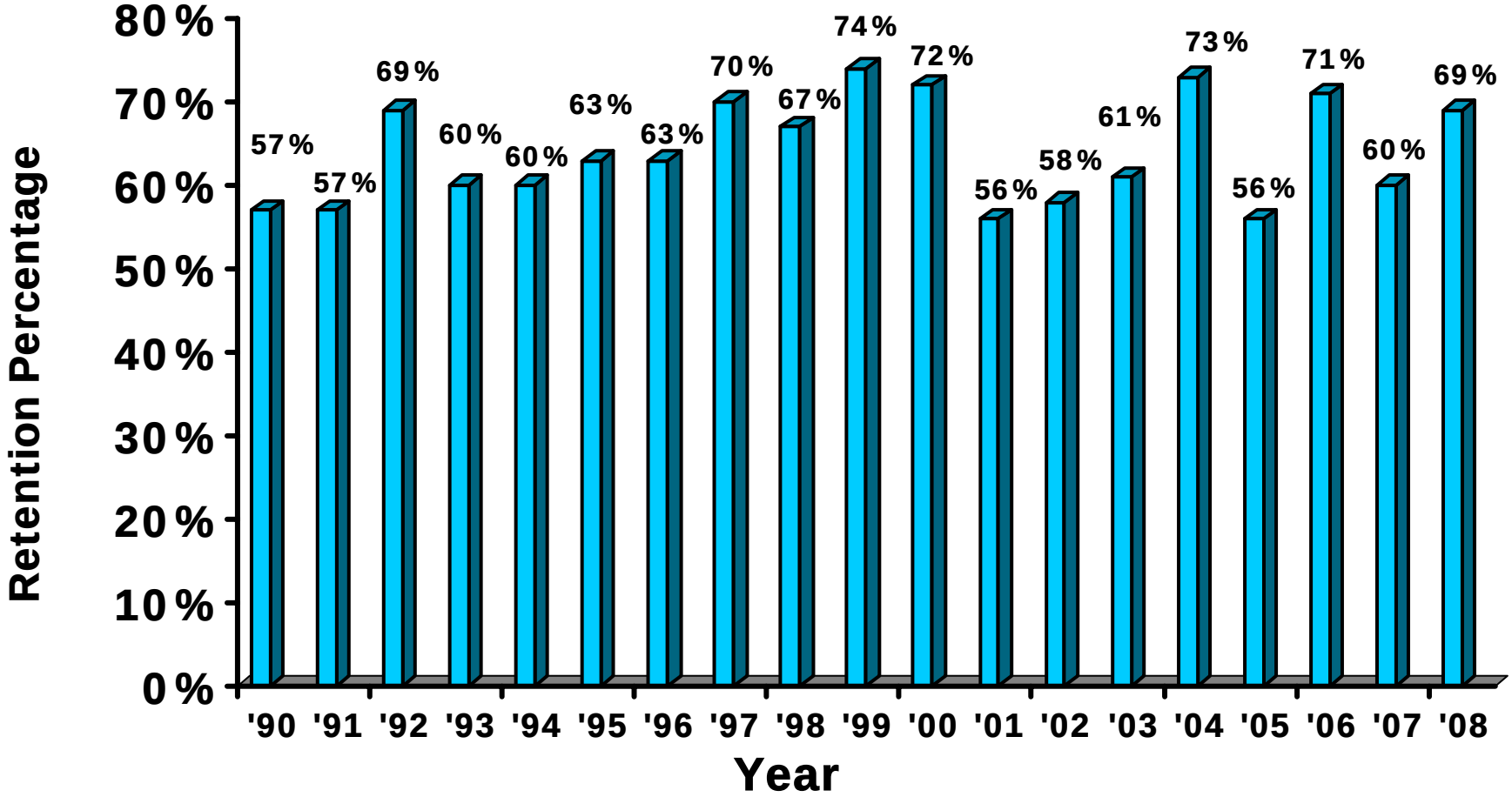
FM RESIDENCY GRADUATES SELECTING INITIAL PRACTICE LOCATIONS IN IOWA 1990-2008



Figures Based on Graduates Entering Practice

Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, September 2008

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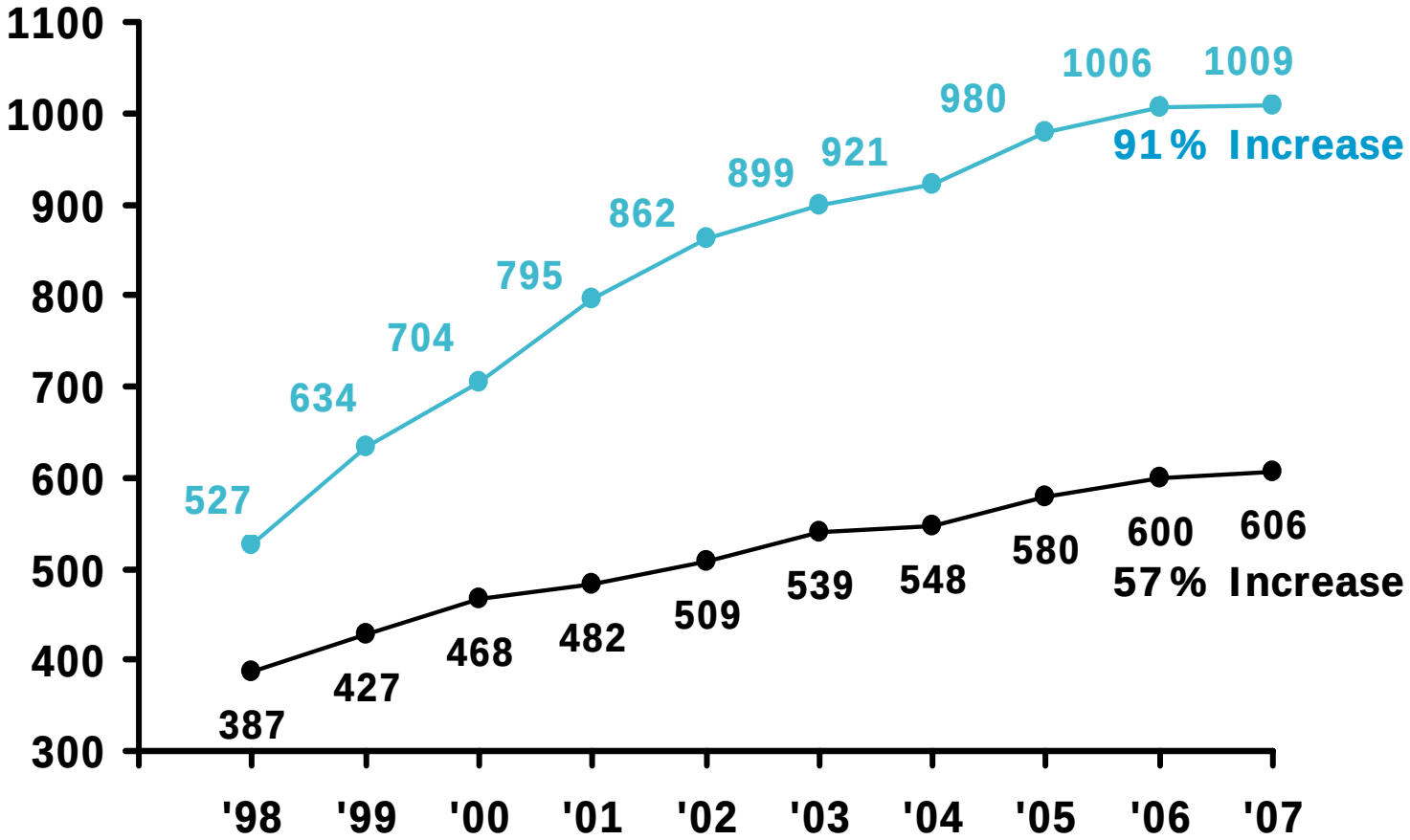
IOWA SUPPLY OF PAs / APNs*
1998 - 2007



*** APN consist of CRNAs, NMs, NPs, and CMS**

Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, December 2007

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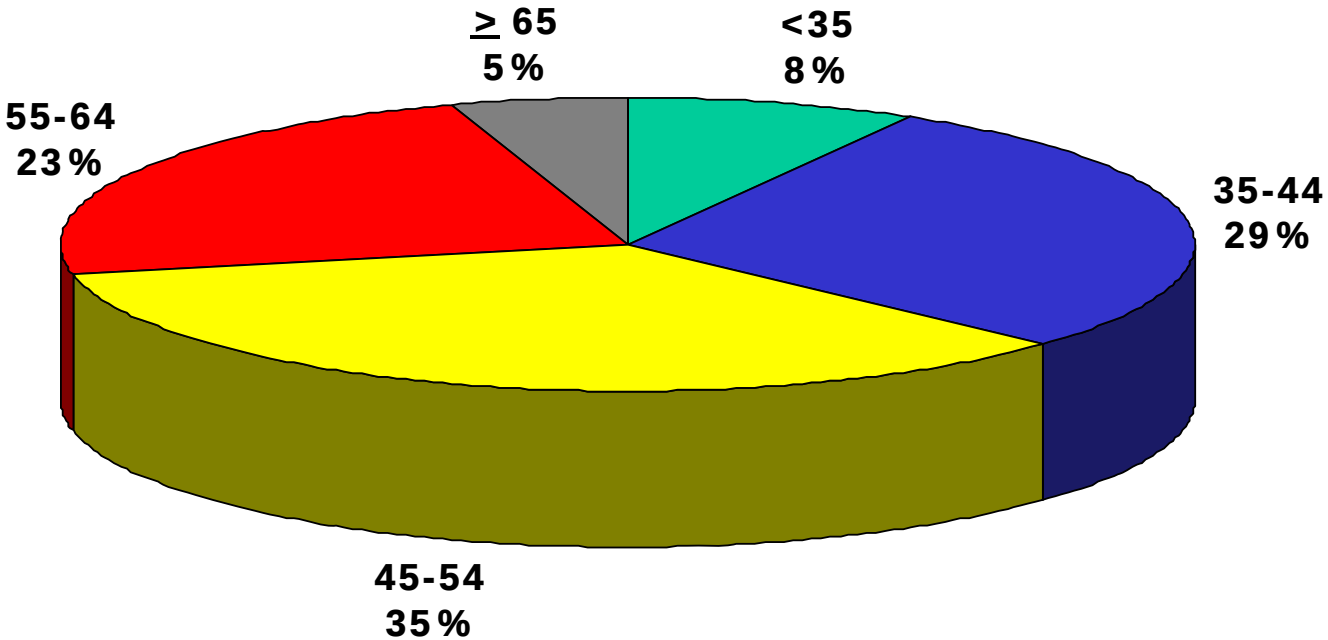
TRENDS AND OTHER PERSPECTIVES

ON THE

P H Y S I C I A N W O R K F O R C E

AGE DISTRIBUTION OF IOWA PHYSICIANS
2007

Age Category	No.	%	Cumulative %
< 35	430	8%	8%
35-44	1494	29%	37%
45-54	1806	35%	72%
55-64	1210	23%	95%
≥ 65	258	5%	100%
Total	5198	100%	

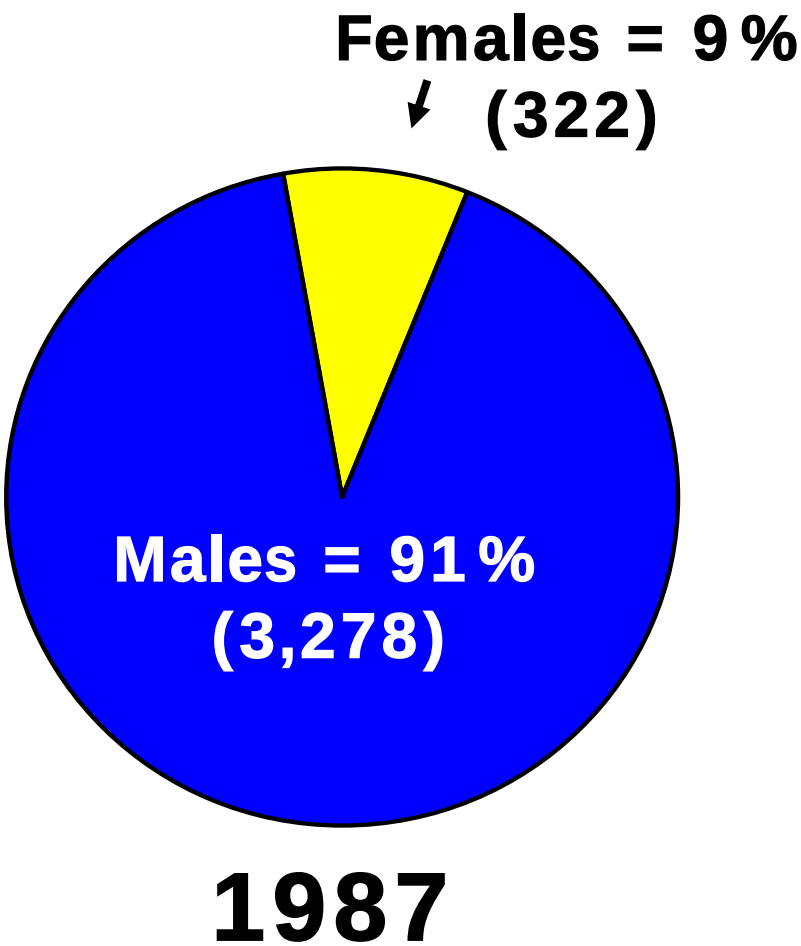


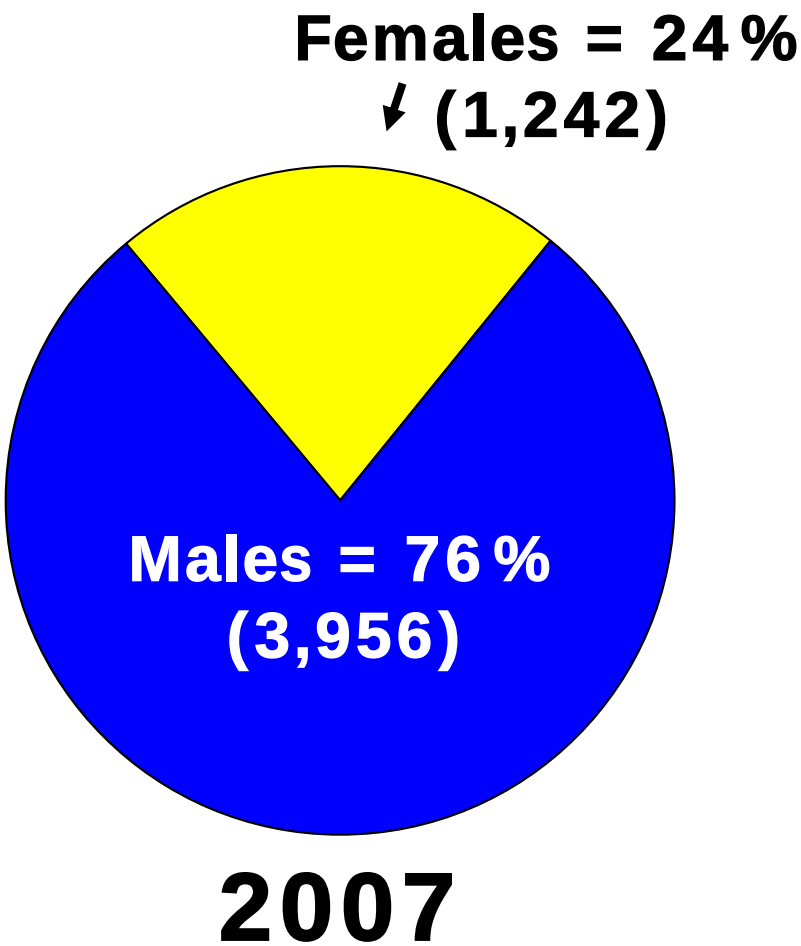
Mean: 48

Median: 48

Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, December 2007

IOWA PHYSICIAN POPULATION
Gender





Source: Office of Statewide Clinical Education Programs, UI Carver College of Medicine, December 2007

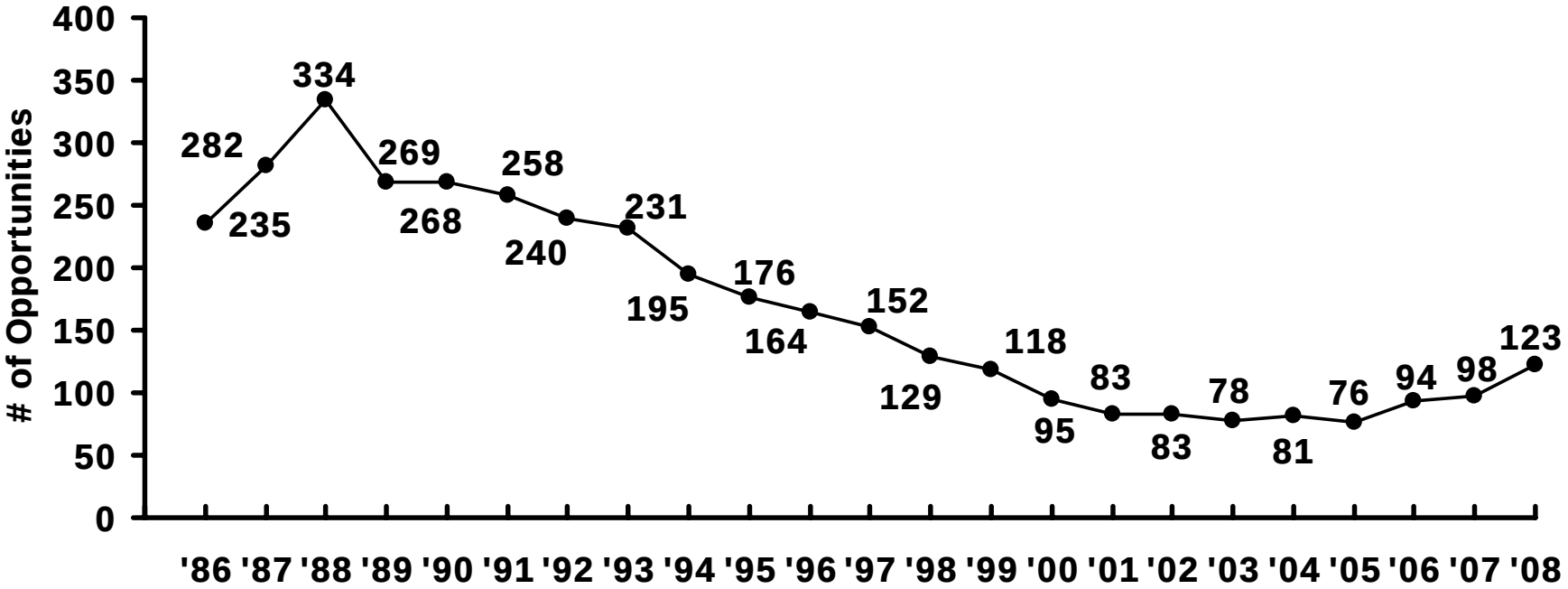
IOWA PHYSICIAN POPULATION
Reasons For Attrition
(Past 10 Years)

- Relocation outside Iowa — 61%
- Retirement — 25%
- Death and disability — 4%
- Miscellaneous reasons* — 10%

* Loss of license, inactive, military, re-training, etc…

IOWA FM OPPORTUNITIES

— Private Practice —



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IOWA MEDICAL PRACTICE OPPORTUNITIES
Private Practice
2004-2008

	Total Job Opportunities						
	'04	'05	'06	'07	'08	1-Year Change	5-Year Change
Family Medicine	81	76	94	98	123	+25	+42
General Int Med	33	43	56	48	39	- 9	+6
Pediatrics	8	15	10	20	19	- 1	+11
General Surgery	33	23	24	34	26	- 8	- 7

Data source: k:\graphics\ppt\PW\Practice Ops\PW trends table All Ops 08.ppt

IOWA MEDICAL PRACTICE OPPORTUNITIES
Private Practice
2004-2008

	Total Job Opportunities						
	'04	'05	'06	'07	'08	1-Year Change	5-Year Change
PA or NP	18	29	67	63	97	+34	+79
Physician Assistant	27	24	23	21	24	+3	- 3
Nurse Practitioner	32	33	38	34	28	- 6	- 4

Data source: k:\graphics\ppt\PW\Practice Ops\PW trends table All Ops 08.ppt
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TURNOVER IN IOWA JOB OPPORTUNITIES

Family Medicine											
	2003	2004		2005		2006		2007		2008	
Total Opportunities	79		81		76		94		98		123 (9)
▪Closed *		47		48		31		51		57	
▪Continued			32		33		45		43		41
▪New			49		43		49		55		82
FPs Entering		62		67		70		84		64**	
FPs Leaving		44		52		59		57		46**	

Note: Figures in parentheses are the number of specific job opportunities that remained open from 2004 to 2008.

*** Opportunities closed from prior year**
**** Preliminary through December 2008**

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CRITICAL DEMAND INDEX
for
Selected Medical Specialties

	Current Year's Demand	Current Year's Supply ***	CDI****	Annual Average No. Entering	Average Years to Fill Position*****
• Psychiatry	78 (82*)	227	.34 (.36*)	16	4.9 (5.1*)
• Ob/Gyn	35	236	.15	15	2.3
• General Surgery	26	207	.13	14	1.9
• Family Medicine	123	1319	.09	78	1.6
• General Pediatrics	19	246	.08	16	1.2
• Gen Internal Medicine	39 (76**)	465	.08 (.16**)	35	1.1 (2.2**)

* If part-time positions are counted
** If hospitalists are counted
*** Physician Supply as of January 2009
**** Critical Demand Index = current demand ÷ current supply
***** Average years to fill: Current demand ÷ the annual average number of these specialists entering Iowa during the prior 10 years yields an estimate of recruitment difficulty.

Source: Office of Statewide Clinical Education Programs, University of Iowa Carver College of Medicine, January 2009

QUESTIONS OR COMMENTS?