

# Strategic Plan Progress Report 2001-2002



**IOWA STATE UNIVERSITY**  
Pursuing Excellence *as Iowa's Engaged Land Grant University*

## A Letter from President Gregory L. Geoffroy

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Despite a challenging year in terms of funding and budgets, Iowa State University continued to make important and necessary progress towards fulfilling the goals of its 2000-2005 Strategic Plan, "Pursuing Excellence as Iowa's Engaged Land-Grant University."

The outlines of the funding challenges we faced and met are familiar. There was a reduction in the state appropriation in Spring 2001 followed by two de-appropriations during the 2001-2002 fiscal year, a final budget cut in formulating the FY03 budget, and a shortfall in funding of salary and compensation increases in spring 2002. All of this necessitated the elimination of many positions, including faculty.

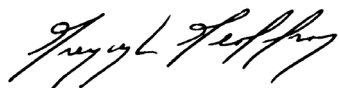
In spite of these challenges, the University enjoyed a year of accomplishments and strong outcomes toward meeting the three priority goals of our strategic plan: learning, discovery, and engagement. We did not let the economic challenges dampen our commitment to achieving excellence and to meeting the needs of the people of Iowa.

We enjoyed an increase in student enrollments, and we continued the great success of our learning communities; the Center for Teaching Excellence, Academic Information Technologies, ISU Comm, and other initiatives all helped strengthen faculty teaching skills, the bonding of students to the institution, and the learning that takes place in our classrooms, laboratories, and in the field. One measure of success is the self-reporting our students make about finding employment in their respective fields and/or continuing on to professional and/or graduate education. Employers and others very clearly value an Iowa State University degree.

We enjoyed similar success in our discovery goal. Sponsored funding increased over 50% the past five years and reached an all-time high in FY 2002. Iowa State continues to rank very high in the R&D 100 Awards competition, the number of patents earned, invention disclosures received, and in licenses executed and yielding income. The Plant Sciences Institute is becoming a major worldwide center for research in the plant sciences, and we began exciting initiatives in such fields as information assurance, food safety, and biorenewable resources.

We also continued our historic mission of engagement, the land grant ideal. More than 20% of Iowa's population interacted with Iowa State University and ISU Extension to receive education, to improve their quality of life, and to improve economic prospects for them, their companies, and their communities.

I am very excited about our accomplishments and the future as we continue to strengthen the academic excellence of Iowa State University and build upon the traditions that make us one of the nation's best universities in fulfilling its land-grant mission.

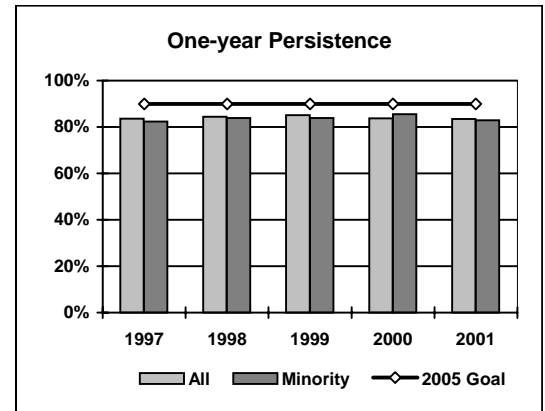


Gregory L. Geoffroy  
President, Iowa State University

## Performance Indicators

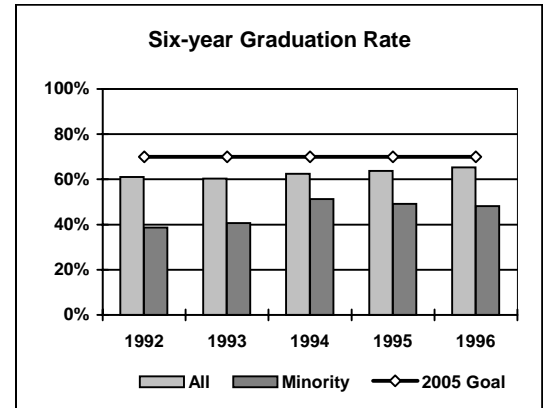
### 1 One-year undergraduate persistence rate.

Entry year	1997	1998	1999	2000	2001
Native Am	54.5%	80.0%	75.0%	40.0%	83.3%
African Am	79.5%	82.7%	80.7%	85.6%	84.9%
Asian Am	89.9%	87.7%	89.5%	92.0%	82.9%
Hispanic	80.4%	81.1%	85.3%	82.5%	79.8%
White	83.9%	84.6%	85.2%	83.6%	83.7%
All	83.6%	84.4%	85.1%	83.7%	83.4%
Minority	82.4%	83.9%	83.9%	85.5%	82.9%
2005 Goal	90.0%	90.0%	90.0%	90.0%	90.0%



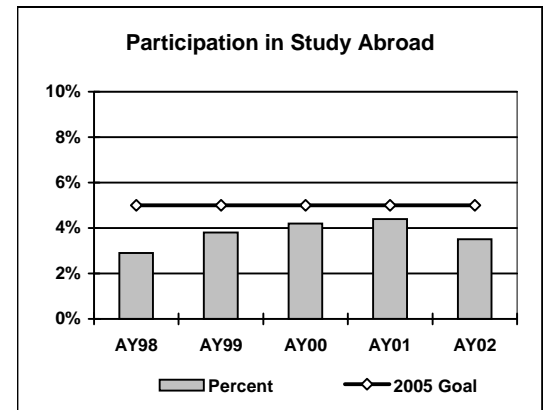
### 2 Six-year undergraduate graduation rate.

Entry year	1992	1993	1994	1995	1996
Native Am	40.0%	28.6%	71.4%	50.0%	42.9%
African Am	27.3%	33.5%	34.0%	43.5%	40.0%
Asian Am	56.4%	53.4%	72.0%	64.1%	61.0%
Hispanic	36.5%	55.4%	50.9%	35.6%	45.0%
White	62.7%	62.7%	63.1%	64.7%	66.5%
All	61.1%	60.4%	62.4%	63.7%	65.3%
Minority	38.6%	40.7%	51.3%	49.2%	48.2%
2005 Goal	70.0%	70.0%	70.0%	70.0%	70.0%



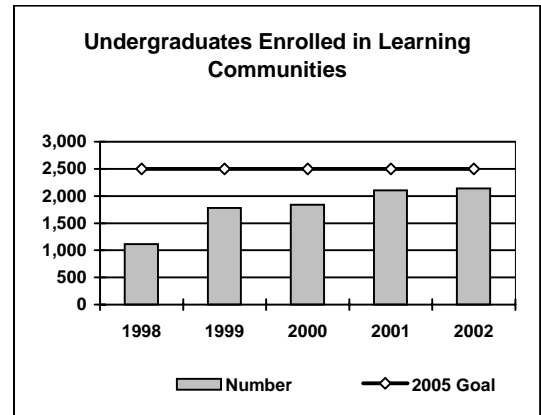
### 3 Percent of all undergraduate students who participated in a study abroad experience during the academic year.

	AY98	AY99	AY00	AY01	AY02
Number	602	802	898	962	797
Percent	2.9%	3.8%	4.2%	4.4%	3.5%
2005 Goal	5%	5%	5%	5%	5%



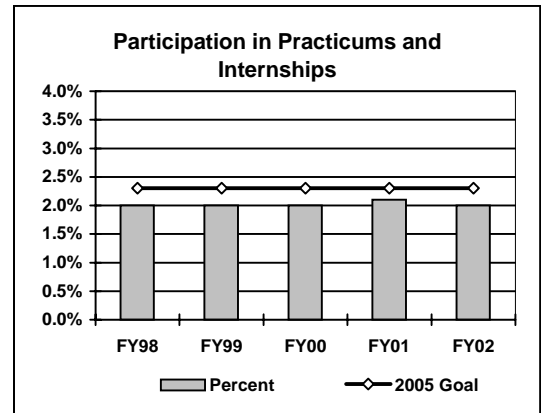
**4 Number of undergraduate students enrolled in learning communities during the academic year.**

	1998	1999	2000	2001	2002
Number	1,114	1,779	1,838	2,103	2,139
2005 Goal	2,500	2,500	2,500	2,500	2,500



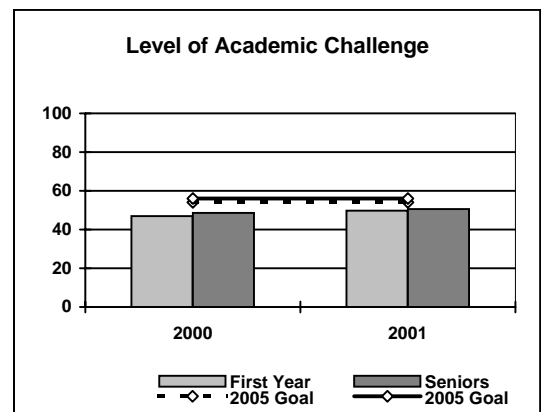
**5 Percent of student credit hours (SCH) earned by undergraduate students who participated in practicum/internships that earn academic credit. (excludes Veterinary Medicine)**

	FY98	FY99	FY00	FY01	FY02
SCH	11,880	12,279	12,245	13,480	13,252
Percent	2.0%	2.0%	2.0%	2.1%	2.0%
2005 Goal	2.3%	2.3%	2.3%	2.3%	2.3%



**6 Level of academic challenge. National Survey on Student Engagement**

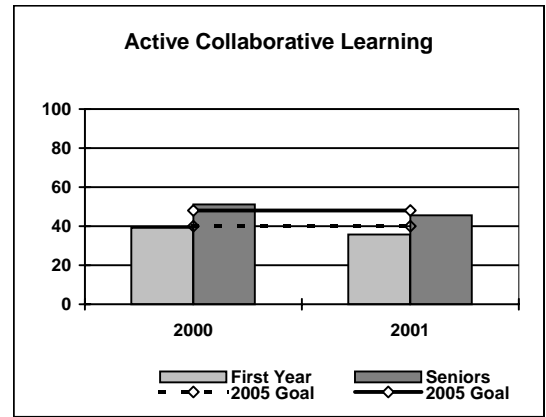
	2000	2001
First Year	46.9	49.7
2005 Goal	54.0	54.0
Seniors	48.6	50.5
2005 Goal	56.0	56.0



**Performance Indicators**

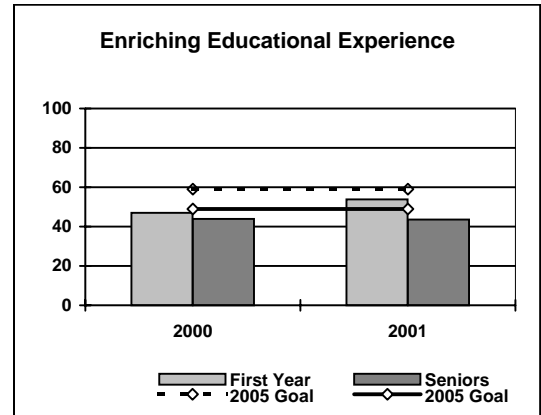
**7 Active collaborative learning.  
National Survey on Student Engagement**

	2000	2001
First Year	39.2	35.8
2005 Goal	40.0	40.0
Seniors	51.2	45.5
2005 Goal	48.0	48.0



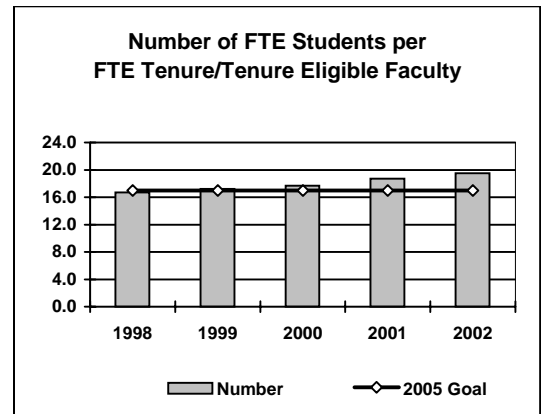
**8 Enriching educational experience.  
National Survey on Student Engagement**

	2000	2001
First Year	47.0	53.8
2005 Goal	59.0	59.0
Seniors	43.9	43.6
2005 Goal	49.0	49.0



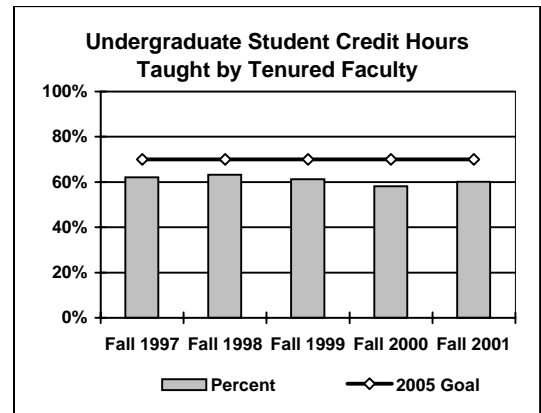
**9 Number of FTE students per FTE tenured/tenure-eligible faculty member.**

	1998	1999	2000	2001	2002
Number	16.7	17.2	17.7	18.7	19.5
2005 Goal	17.0	17.0	17.0	17.0	17.0



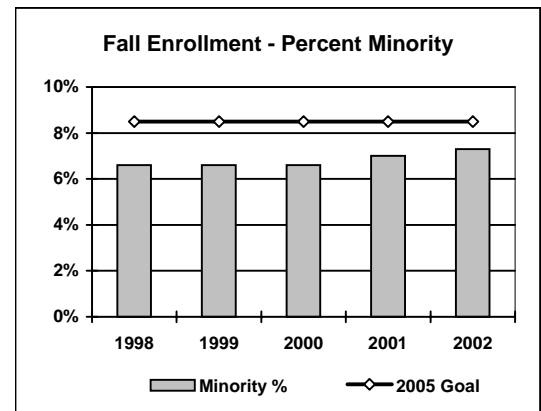
**10 Percent of undergraduate student credit hours taught by tenured or tenure eligible faculty.**

	Fall 1997	Fall 1998	Fall 1999	Fall 2000	Fall 2001
<b>Percent</b>	62.1%	63.2%	61.2%	58.1%	60.1%
<b>2005 Goal</b>	70.0%	70.0%	70.0%	70.0%	70.0%



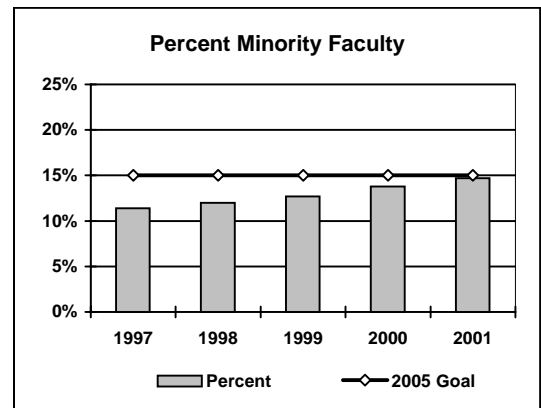
**11 Percent of students who are part of an ethnic minority group.**

	1998	1999	2000	2001	2002
<b>Minority FTE</b>	1,687	1,730	1,781	1,943	2,039
<b>Minority %</b>	6.6%	6.6%	6.6%	7.0%	7.3%
<b>2005 Goal</b>	8.5%	8.5%	8.5%	8.5%	8.5%



**12 Percent of tenured and tenure eligible faculty who are part of an ethnic minority group.**

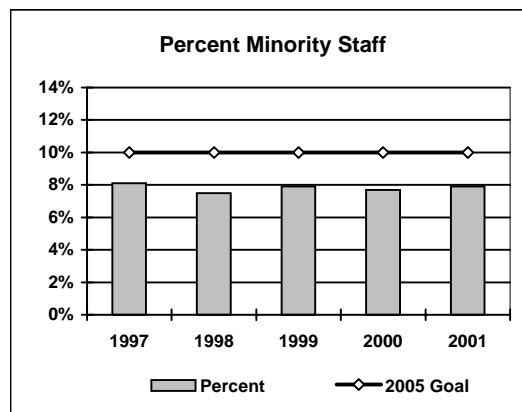
	1997	1998	1999	2000	2001
<b>Number</b>	162	172	181	196	205
<b>Percent</b>	11.4%	12.0%	12.7%	13.8%	14.7%
<b>2005 Goal</b>	15.0%	15.0%	15.0%	15.0%	15.0%



## Performance Indicators

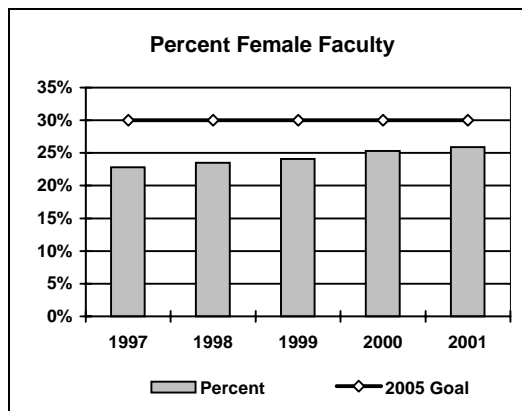
### 13 Percent of staff members who are part of an ethnic minority group.

	1997	1998	1999	2000	2001
<b>Number</b>	172	163	178	176	184
<b>Percent</b>	8.1%	7.5%	7.9%	7.7%	7.9%
<b>2005 Goal</b>	10.0%	10.0%	10.0%	10.0%	10.0%



### 14 Percent of tenured and tenure eligible faculty who are female.

	1997	1998	1999	2000	2001
<b>Number</b>	325	338	343	361	361
<b>Percent</b>	22.8%	23.5%	24.1%	25.3%	25.9%
<b>2005 Goal</b>	30.0%	30.0%	30.0%	30.0%	30.0%



### 15 Number of academic programs ranked in the top 25th percentile by national disciplinary surveys in 2001-2002

	2002
<b>Number</b>	48
<b>2005 Goal</b>	55

#### National Research Council

- Chemistry 15.5 (26 of 168)
- Statistics and Biostatistics 21.5 (14 of 65)

#### US News and World Report

- Learning Communities 21 (5 of top 25)

#### Other Rankings

- Agriculture Education and Studies 5 (top 5 of 90)
- Animal Science 20 (2 of 10)
- Architecture 6 (7 of 112)
- Interior Design 7 (10 of 113)
- Rural Sociology 9 (top 5 of 56)

#### The Gourman Report: Graduate & Professional Programs

- Agriculture Engineering 9 (3 of 32)
- Agriculture Science 16 (5 of 32)
- Horticulture 11 (3 of 27)
- Nutrition 21 (8 of 38)
- Plant Pathology 10 (3 of 30)

#### The Gourman Report: Undergraduate Programs

- Aerospace Engineering 24 (11 of 46)
- Agriculture 3 (3 of 120)
- Agriculture and Biosystems Engineering 7 (3 of 45)
- Agriculture Business 5 (6 of 110)
- Agronomy 2 (3 of 121)
- Animal Science 6 (4 of 64)
- Bacteriology and Microbiology 15 (33 of 219)
- Biochemistry 9 (29 of 312)
- Biology 7 (47 of 630)
- Biophysics 20 (12 of 60)
- Botany 10 (18 of 173)
- Chemistry 3 (19 of 555)

**The Gourman Report: Undergraduate Programs (cont.)**

Child Psychology 5 (9 of 164)  
 Civil Engineering 19 (27 of 144)  
 Computer Science 15 (38 of 260)  
 Dairy Science 12 (5 of 43)  
 Dietetics 5 (6 of 127)  
 Earth Science 12 (6 of 49)  
 Economics 6 (38 of 627)  
 Entomology 20 (11 of 55)  
 Fish & Game Management 22 (11 of 51)  
 Food Science 3 (3 of 100)  
 Food Service Management 7 (5 of 72)

Home Economics 3 (6 of 177)  
 Horticulture 4 (3 of 77)  
 Hotel, Restaurant & Institutional Management 7 (9 of 132)  
 Industrial Engineering 15 (13 of 86)  
 Landscape Architecture 23 (9 of 39)  
 Mechanical Engineering 13 (25 of 200)  
 Meteorology 7 (3 of 41)  
 Nutrition 1 (2 of 218)  
 Ornamental Horticulture 8 (2 of 24)  
 Statistics 9 (6 of 70)  
 Urban Planning 15 (6 of 41)  
 Zoology 9 (12 of 129)

**16 Number of current faculty members in national academies and emeritus faculty members who are still active in the university.**

(National Academy of Sciences, National Academy of Engineering, Institute of Medicine, American Academy of Arts and Sciences)

	<b>FY02</b>
<b>Number</b>	6
<b>2005 Goal</b>	10

**National Academy of Sciences**

John Corbett, Chemistry  
 Donald Duvick, Agronomy  
 Arnel Hallauer, Agronomy  
 Harley Moon, Veterinary Pathology

**National Academy of Engineering**

Donald Thompson, Aerospace Engineering

**Institute of Medicine**

Catherine Woteki, Agriculture Administration

**17 Number of faculty members who are fellows of national and international scientific/disciplinary associations.**

Number in parentheses is the number of national or international societies.

	<b>FY02</b>
<b>Number</b>	185 (254)
<b>2005 Goal</b>	200

**18 Number of faculty who are journal editors or on editorial or advisory boards of national/international professional journals.**

Number in parentheses is the number of professional journals and editorial/advisory boards

	<b>FY02</b>
<b>a. Journal Editors</b>	50 (60)
<b>2005 Goal</b>	55
<b>b. On Editorial / Advisory Boards</b>	284 (478)
<b>2005 Goal</b>	300



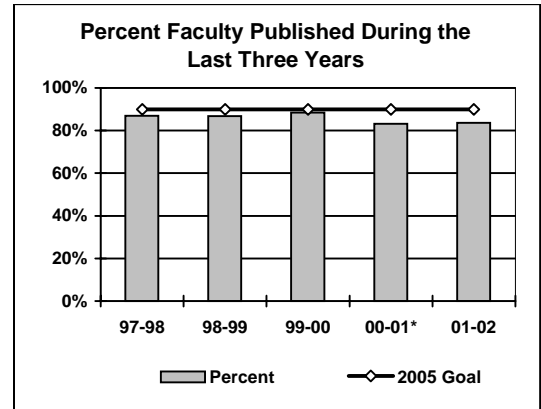
## Performance Indicators

**19 Percent of tenured/tenure-eligible faculty with at least one scholarly work published, exhibited, or performed in the last three years.**

(based on calendar year)

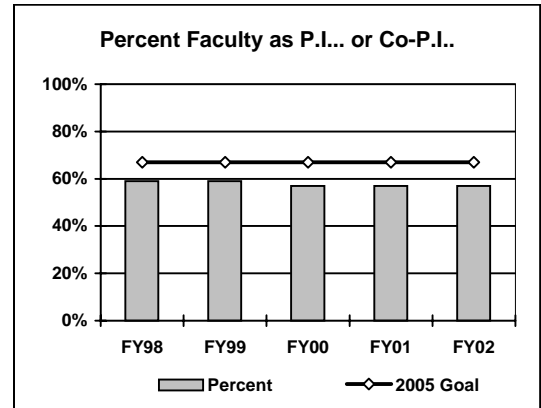
	97-98	98-99	99-00	00-01*	01-02
Percent	87.0%	86.8%	88.4%	83.2%	83.7%
2005 Goal	90.0%	90.0%	90.0%	90.0%	90.0%

\*Beginning 2000-01 new methodology was used to calculate this figure



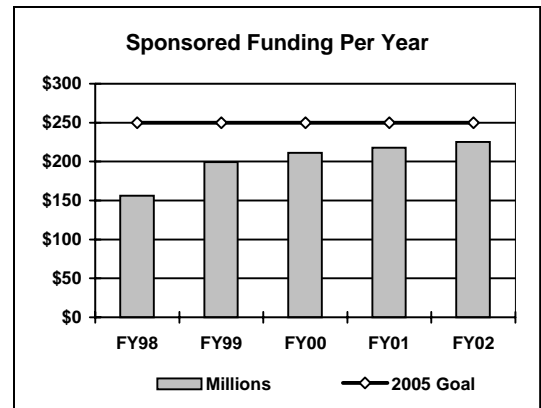
**20 Percent of tenured/tenure-eligible faculty who are principal or co-principal investigators for projects receiving external sponsored funding**

	FY98	FY99	FY00	FY01	FY02
Percent	59%	59%	57%	57%	57%
2005 Goal	67%	67%	67%	67%	67%



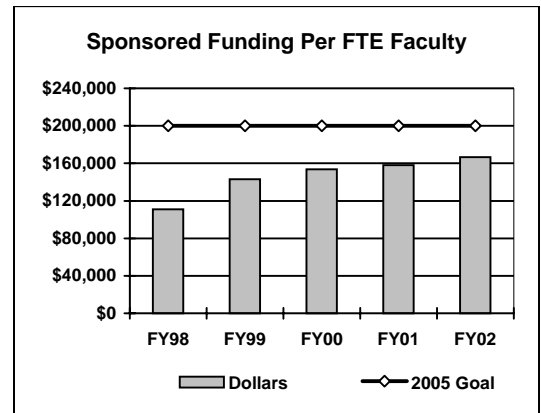
**21 Total annual external sponsored funding.**

	FY98	FY99	FY00	FY01	FY02
Millions	\$156.2	\$199.2	\$211.2	\$217.7	\$225.4
2005 Goal	\$250.0	\$250.0	\$250.0	\$250.0	\$250.0



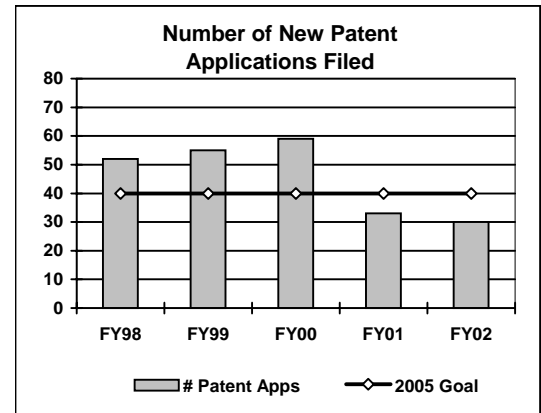
22 External sponsored funding per FTE faculty.

	FY98	FY99	FY00	FY01	FY02
Dollars	\$111,100	\$143,000	\$153,500	\$158,097	\$166,767
2005 Goal	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000



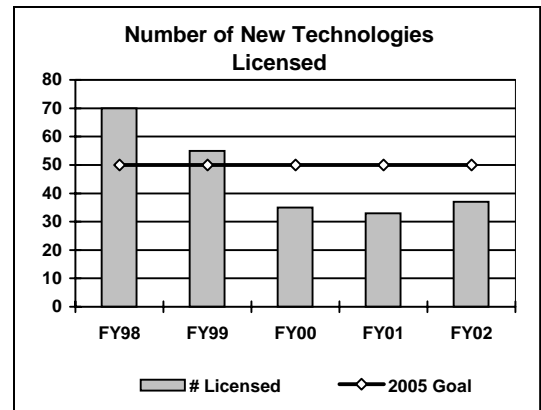
23 New patent applications filed.

	FY98	FY99	FY00	FY01	FY02
# Patent Apps	52	55	59	33	30
2005 Goal	40	40	40	40	40



24 Number of new technologies licensed/optioned annually.

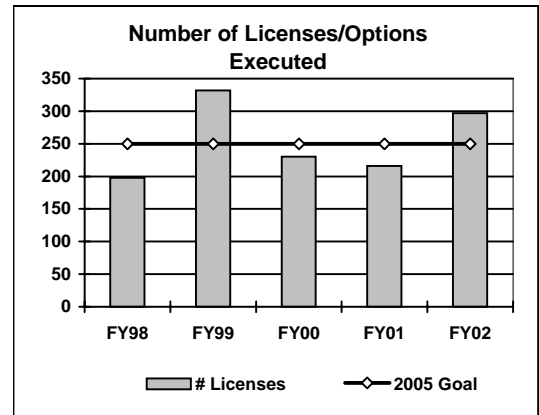
	FY98	FY99	FY00	FY01	FY02
# Licensed	70	55	35	33	37
2005 Goal	50	50	50	50	50



**Performance Indicators**

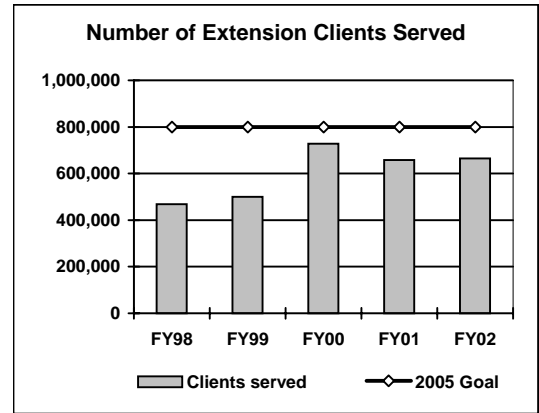
**25 Number of licenses and options executed.**

	FY98	FY99	FY00	FY01	FY02
# Licenses	198	332	230	216	297
2005 Goal	250	250	250	250	250



**26 Number of extension clients served**

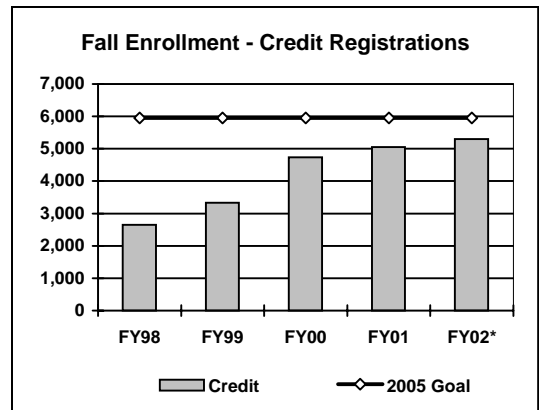
	FY98	FY99	FY00	FY01	FY02
Clients served	468,043	499,537	727,370	657,316	665,354
2005 Goal	800,000	800,000	800,000	800,000	800,000



**27 Distance and continuing education: credit course registrations.**

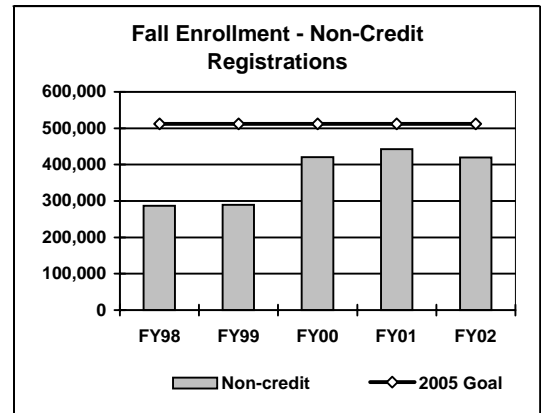
	FY98	FY99	FY00	FY01	FY02*
Credit	2,652	3,333	4,734	5,050	5,298
2005 Goal	5,950	5,950	5,950	5,950	5,950

\*this does not include an additional 9,369 enrollments in evening and weekend courses



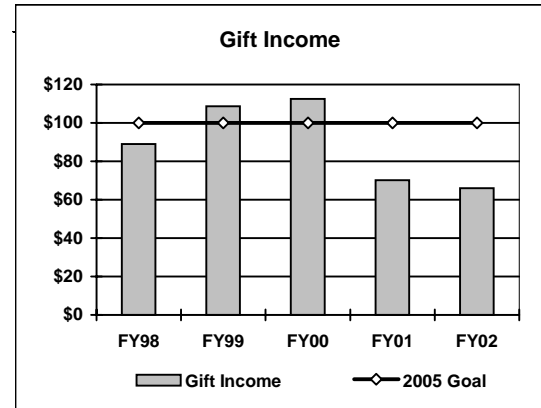
28 Distance and continuing education: non credit course registrations.

	FY98	FY99	FY00	FY01	FY02
Non-credit	286,482	289,729	420,380	442,121	419,378
2005 Goal	512,000	512,000	512,000	512,000	512,000



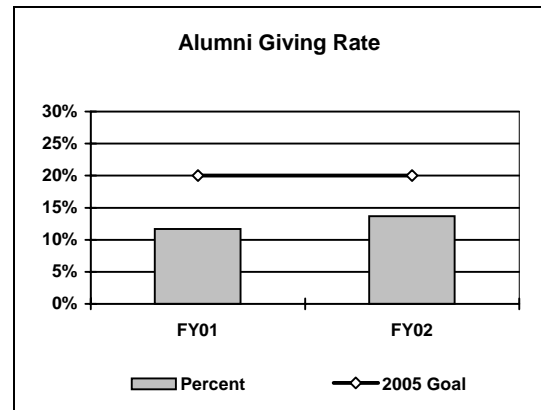
29 Dollars raised on behalf of Iowa State University by the Iowa State University Foundation

In millions	FY98	FY99	FY00	FY01	FY02
Gift Income	\$89.0	\$108.6	\$112.5	\$70.1	\$66.0
2005 Goal	\$100.0	\$100.0	\$100.0	\$100.0	\$100.0



30 Percentage of living alumni who made gifts to the Iowa State University Foundation to support Iowa State University

	FY01	FY02
Percent	11.7%	13.7%
2005 Goal	20%	20%



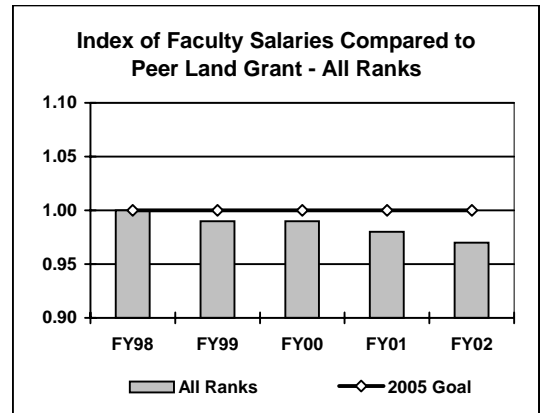
**Performance Indicators**

**31 Average faculty salary by rank (based on 9-month)**

	<b>97-98</b>	<b>98-99</b>	<b>99-00</b>	<b>00-01</b>	<b>01-02</b>
<b>Professor</b>	\$77,021	\$79,406	\$83,180	\$85,702	\$88,196
<b>Assoc. Prof.</b>	\$56,981	\$59,425	\$62,131	\$63,442	\$65,771
<b>Assist. Prof.</b>	\$46,416	\$47,877	\$50,744	\$53,293	\$54,973

**Index of Average ISU Faculty Salaries Compared to Peer Land Grant Universities**

	<b>FY98</b>	<b>FY99</b>	<b>FY00</b>	<b>FY01</b>	<b>FY02</b>
<b>Professor</b>	1.00	0.99	0.98	0.97	0.96
<b>Assoc. Prof.</b>	1.01	1.00	1.00	0.98	0.98
<b>Assist. Prof.</b>	0.97	0.97	0.99	0.98	0.97
<b>All Ranks</b>	1.00	0.99	0.99	0.98	0.97
<b>2005 Goal</b>	1.00	1.00	1.00	1.00	1.00



## IOWA STATE UNIVERSITY

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