



NATIONAL INSTITUTES OF HEALTH (NIH) DATA BOOK Fiscal Year 2009



Table of Contents

TITLES	SLIDE NUMBERS
NIH Budget History	<u>3 - 8</u>
Research Grants	<u>9- 43</u>
Small Business Research (SBIR/STTR)	<u>44 - 51</u>
Success Rates and Funding Rates	<u>52- 68</u>
The NIH-Funded Research Workforce	<u>69 - 115</u>
Data By Gender	<u>76– 87</u>
Trends in Research Career Development (K) Awards	<u>88 - 96</u>
NIH Research Training grants and Fellowships	<u>97 - 107</u>
NIH Supported Doctorate Recipients	<u>108 - 115</u>
National Statistics on Graduate Students in the Biomedical, Behavioral, Social, and Clinical Sciences	<u>116 - 144</u>
National Statistics on Post-Doctoral Appointees in the Biomedical, Behavioral, Social, and Clinical Sciences	<u>145 - 157</u>





NIH BUDGET HISTORY



NIH Budget History

NIH budget mechanism detail FY 2000-2009

(\$ Millions)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Research Grants										
Research Projects Grants										
Noncompeting	\$6,715	\$7,941	\$9,135	\$10,029	\$10,784	\$10,997	\$11,052	\$11,005	\$11,178	\$11,397
Administrative Supplements	\$129	\$204	\$224	\$201	\$255	\$456	\$285	\$205	\$177	\$221
Competing	\$2,912	\$3,032	\$3,183	\$3,517	\$3,562	\$3,396	\$3,358	\$3,788	\$3,666	\$3,921
Subtotal	\$9,756	\$11,177	\$12,542	\$13,746	\$14,602	\$14,850	\$14,695	\$14,998	\$15,021	\$15,538
SBIR/STTR	\$362	\$418	\$497	\$541	\$612	\$625	\$619	\$629	\$633	\$648
Total, RPGs	\$10,118	\$11,595	\$13,038	\$14,287	\$15,213	\$15,475	\$15,314	\$15,627	\$15,654	\$16,186
Research Centers										
Spec/Comp	\$1,137	\$1,373	\$1,585	\$1,835	\$1,947	\$2,045	\$2,045	\$2,238	\$2,201	\$2,257
Clinical Research	\$203	\$230	\$258	\$285	\$288	\$298	\$308	\$381	\$425	\$426
Biotechnology	\$85	\$110	\$135	\$143	\$140	\$131	\$129	\$137	\$138	\$144
Comparative Medicine	\$81	\$102	\$94	\$109	\$116	\$119	\$123	\$124	\$126	\$134
RCMI	\$41	\$45	\$52	\$56	\$56	\$55	\$54	\$54	\$53	\$57
Total, Centers	\$1,547	\$1,860	\$2,124	\$2,428	\$2,546	\$2,647	\$2,660	\$2,934	\$2,944	\$3,019





NIH Budget History

NIH budget mechanism detail FY 2000-2009(cont'd)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Other Research										
Research Careers	\$334	\$395	\$459	\$536	\$586	\$608	\$614	\$663	\$682	\$671
Cancer Education	\$17	\$22	\$27	\$30	\$32	\$35	\$35	\$31	\$31	\$32
Coop. Clinical	\$294	\$324	\$360	\$379	\$357	\$335	\$345	\$425	\$410	\$404
BRS	\$45	\$67	\$129	\$120	\$116	\$106	\$66	\$98	\$66	\$66
MBRS	\$88	\$100	\$111	\$117	\$117	\$116	\$115	\$111	\$107	\$106
Other	\$237	\$334	\$388	\$435	\$469	\$482	\$477	\$465	\$484	\$519
Total, Other Research	\$1,013	\$1,241	\$1,474	\$1,617	\$1,678	\$1,682	\$1,651	\$1,794	\$1,780	\$1,799
Total, Research Grants	\$12,679	\$14,696	\$16,636	\$18,332	\$19,438	\$19,805	\$19,624	\$20,355	\$20,378	\$21,004
Training										
Individual	\$86	\$95	\$102	\$108	\$113	\$119	\$123	\$121	\$123	\$122
Institutional	\$453	\$494	\$549	\$603	\$628	\$625	\$608	\$661	\$647	\$655
Total, Training	\$540	\$590	\$651	\$711	\$741	\$744	\$731	\$782	\$770	\$776
R&D Contracts	\$1,148	\$1,388	\$1,643	\$2,301	\$2,693	\$2,518	\$2,583	\$2,985	\$3,248	\$3,058
(SBIR/STTR)	\$13	\$17	\$19	\$22	\$22	\$237	\$24	\$26	\$22	\$32
Intramural Research	\$1,746	\$1,952	\$2,225	\$2,565	\$2,659	\$2,738	\$2,746	\$3,035	\$3,095	\$3,223
Other*	\$1,066	\$1,230	\$1,408	\$1,960	\$1,629	\$1,728	\$1,634	\$1,336	\$2,102	\$1,440
All NIH ICs	\$17,178	\$19,856	\$22,563	\$25,868	\$27,159	\$27,532	\$27,318	\$29,128	\$29,615	\$29,501





NIH Budget History

NIH budget mechanism detail FY 1995-1999

(\$ Millions)

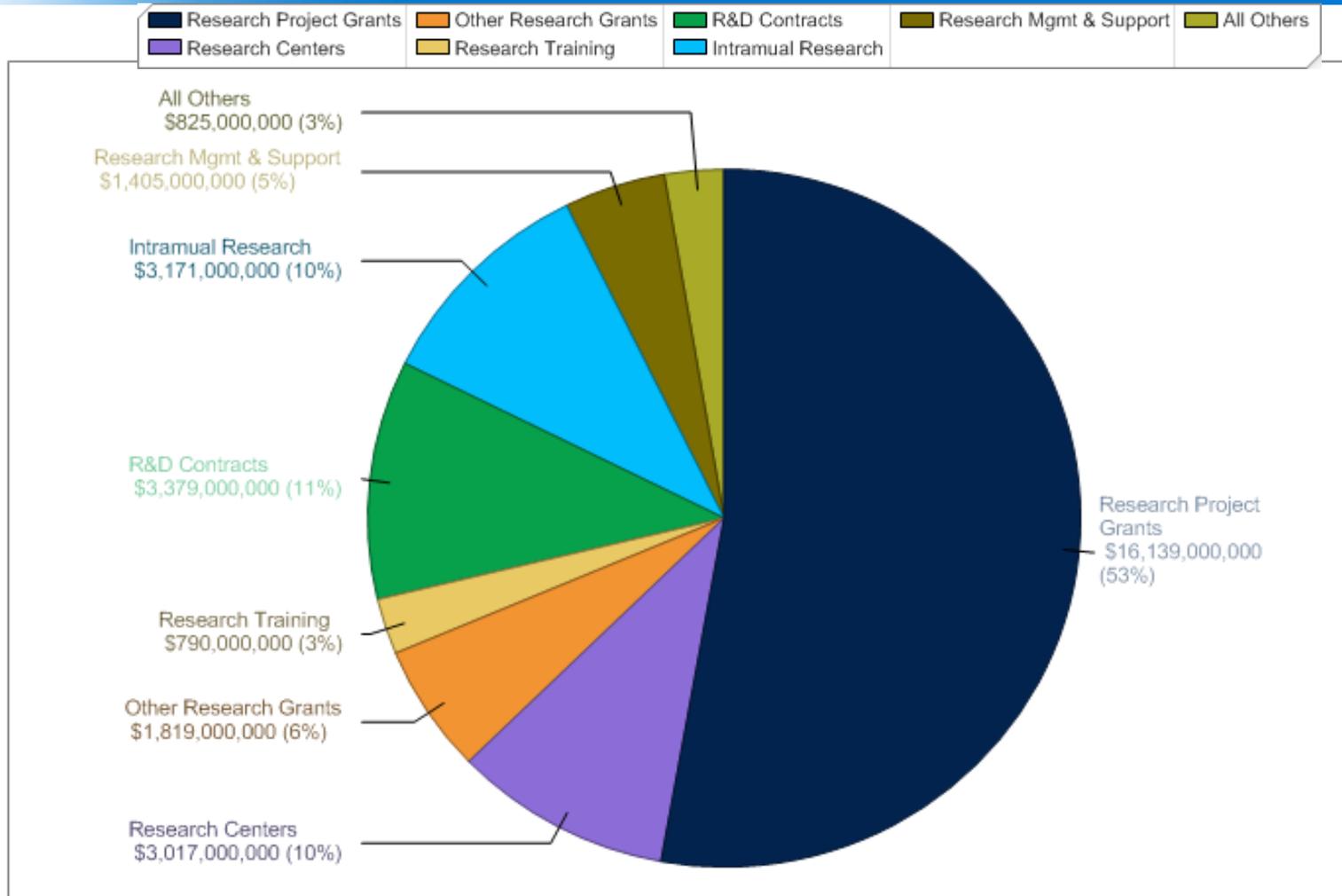
	1995	1996	1997	1998	1999
Research Grants					
Research Projects Grants					
Noncompeting	\$4,404	\$4,726	\$4,998	\$5,474	\$5,822
Administrative Supplements	\$55	\$70	\$89	\$106	\$128
Competing	\$1,563	\$1,627	\$1,817	\$1,939	\$2,515
Subtotal	\$6,021	\$6,423	\$6,905	\$7,518	\$8,465
SBIR/STTR	\$173	\$189	\$249	\$269	\$314
Total, RPGs	\$6,195	\$6,612	\$7,154	\$7,787	\$8,779
Research Centers					
Spec/Comp	\$738	\$757	\$787	\$837	\$996
Clinical Research	\$136	\$147	\$157	\$170	\$202
Biotechnology	\$48	\$49	\$54	\$58	\$71
Comparative Medicine	\$57	\$57	\$62	\$64	\$76
RCMI	\$27	\$29	\$29	\$32	\$34
Total, Centers	\$1,006	\$1,040	\$1,089	\$1,161	\$1,380
Other Research					
Research Careers	\$188	\$198	\$208	\$226	\$270
Cancer Education	\$8	\$10	\$12	\$14	\$17
Coop. Clinical	\$163	\$186	\$191	\$197	\$246
BRS	\$17	\$25	\$25	\$26	\$38
MBRS	\$48	\$49	\$50	\$54	\$66
Other	\$81	\$86	\$97	\$115	\$171
Total, Other Research	\$504	\$554	\$583	\$631	\$808
Total, Research Grants	\$7,705	\$8,207	\$8,825	\$9,579	\$10,967
Training					
Individual	\$64	\$67	\$69	\$70	\$86
Institutional	\$317	\$329	\$348	\$358	\$424
Total, Training	\$381	\$395	\$417	\$428	\$509
R&D Contracts	\$791	\$765	\$790	\$794	\$1,067
(SBIR/STTR)	\$6	\$4	\$11	\$13	\$11
Intramural Research	\$1,223	\$1,295	\$1,346	\$1,435	\$1,565
Other*	\$717	\$719	\$734	\$760	\$882
All NIH ICs	\$10,816	\$11,380	\$12,113	\$12,996	\$14,990





Total NIH budget authority

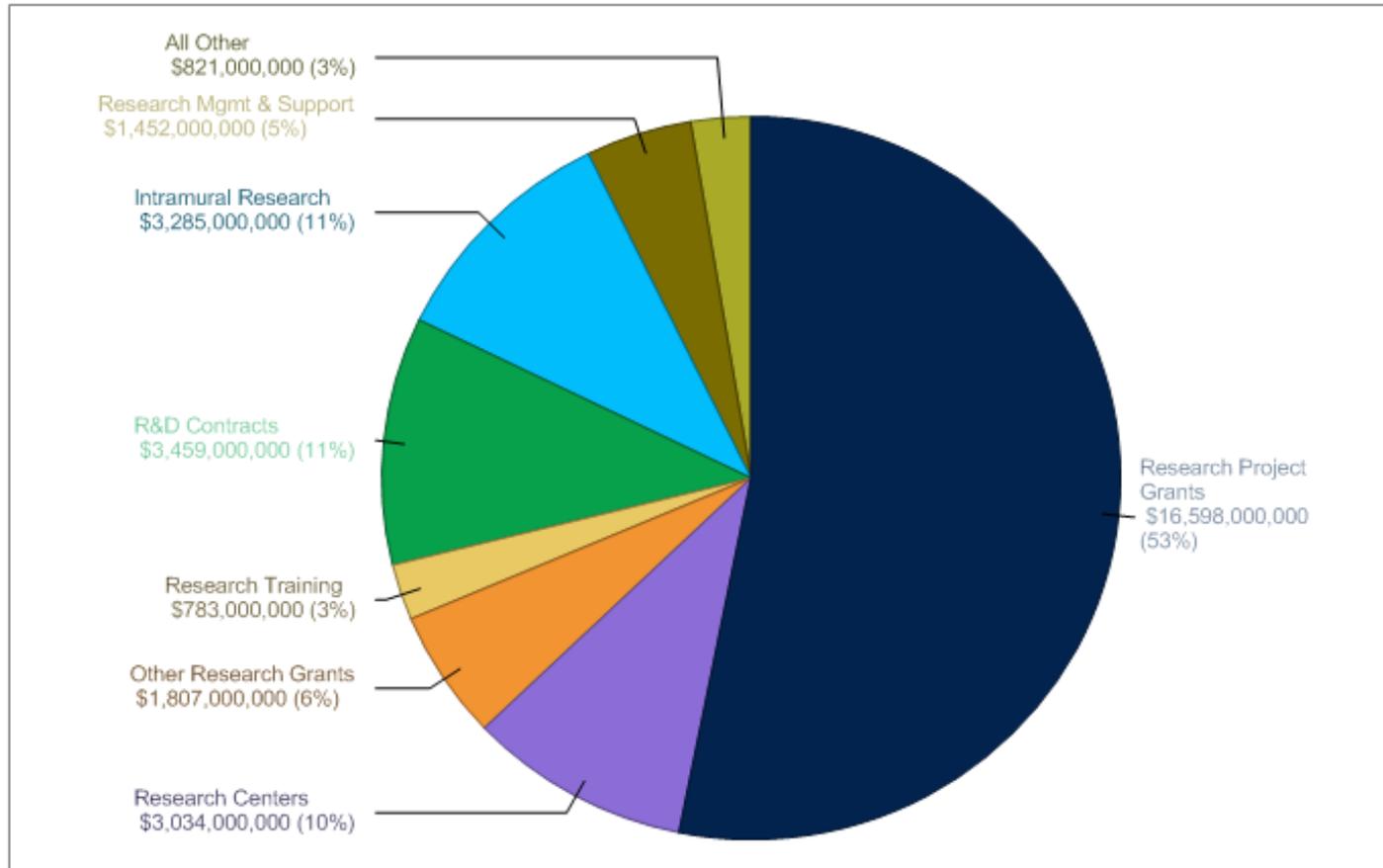
FY 2009 actual





Total NIH budget authority

FY 2010 enacted





RESEARCH GRANTS



Research and training grants

Competing applications by mechanism and selected activity codes

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All Research Grants	30,937	31,154	34,583	37,008	36,663	39,381	45,304	53,895	55,556	57,258	58,612	53,676	57,803
Research Projects Grants	24,222	24,151	26,408	27,798	28,368	30,068	34,710	40,861	43,069	45,688	47,455	43,467	43,140
R01	18,039	17,947	21,560	21,903	21,805	22,066	24,406	27,250	28,229	28,931	27,168	25,890	26,523
R15	504	317	277	404	406	502	505	619	661	723	862	758	805
R21	615	959	1,327	2,226	2,572	3,997	5,330	7,166	8,484	9,934	11,396	10,649	10,320
All Other RPGs	5,064	4,928	3,244	3,265	3,585	3,503	4,469	5,826	5,695	6,100	8,029	6,170	5,492
SBIR	3,108	2,964	3,758	4,171	3,629	4,095	5,135	6,109	5,380	4,580	3,613	3,524	3,842
Phase 1	2,527	2,440	3,044	3,462	2,843	3,228	4,111	4,970	4,321	3,531	2,721	2,715	2,963
Phase 2	540	461	585	589	657	684	751	810	869	857	665	598	645
Fast track	41	63	129	120	129	183	273	329	190	192	227	211	234
STTR	335	384	405	387	358	299	416	689	759	913	1,050	842	687
Phase 1	300	321	337	330	293	246	356	585	649	773	867	682	535
Phase 2	35	60	61	48	61	46	42	65	65	100	128	118	105
Fast track		3	7	9	4	7	18	39	45	40	55	42	47
Research Centers	499	470	676	550	636	826	859	1,079	809	920	1,030	733	847
Research Career Awards	1,029	1,082	1,464	1,921	1,783	2,009	2,147	2,642	2,962	2,712	3,340	2,832	2,518
K01	233	266	277	383	376	422	503	563	645	654	578	443	395
K02	117	111	90	98	116	106	100	114	112	93	67	72	73
K07	51	88	37	75	61	72	76	154	169	144	88	84	54
K08	557	536	479	496	515	560	592	669	676	635	524	509	466
K12	15	42	53	78	23	124	52	106	126	70	106	36	42





Research and training grants

Competing applications by mechanism and selected activity codes (cont'd)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
K22		8	55	111	87	117	143	146	171	173	149	115	111
K23		1	203	394	399	421	505	635	679	666	650	574	517
K24			185	172	128	108	89	120	149	127	133	97	87
K25				19	41	42	48	80	113	99	78	50	41
K99										1	893	795	703
All Other Ks	56	30	85	95	37	37	39	55	122	50	74	57	29
All Other Research Grants	1,744	2,103	1,872	2,181	1,889	2,084	2,037	2,515	2,577	2,445	2,124	2,278	2,098
Training, Individual	3,012	2,781	2,590	2,579	2,488	2,368	3,026	3,604	3,989	4,395	4,236	3,920	3,728
F30	25	31	16	31	31	48	61	101	105	131	180	246	300
F31	442	508	503	551	698	729	972	1,227	1,425	1,651	1,611	1,500	1,377
F32	2,419	2,146	1,984	1,910	1,691	1,558	1,949	2,214	2,390	2,565	2,416	2,150	2,026
F33	49	47	37	31	32	24	32	34	39	35	25	18	14
All Other Fs	77	49	50	56	36	9	12	28	30	13	4	6	11
Training, Institutional	643	596	632	700	654	732	821	910	1,032	930	977	842	913
T32	575	512	567	595	594	666	753	777	933	824	842	758	787
T34	30	34	39	45	23	37	27	28	36	30	36	29	43
All Other Ts	38	50	26	60	37	29	41	105	63	76	99	55	83





Research and training grants

Competing awards by mechanism and selected activity codes

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All Research Grants	10,274	10,380	11,856	12,333	12,663	13,217	14,366	14,128	13,446	12,601	13,893	13,276	14,053
Research Projects Grants	7,389	7,518	8,556	8,765	9,098	9,396	10,393	10,052	9,599	9,128	10,100	9,460	8,881
R01	5,378	5,541	6,818	6,884	6,817	6,661	7,255	6,792	6,275	5,878	6,309	5,910	5,776
R15	24	30	10	29	60	187	214	193	197	184	216	212	178
R21	271	253	421	541	777	1,115	1,299	1,488	1,495	1,533	1,854	1,758	1,423
All Other RPGs	1,716	1,694	1,307	1,311	1,444	1,433	1,625	1,579	1,632	1,533	1,721	1,580	1,504
SBIR	1,023	928	1,153	1,177	1,230	1,265	1,370	1,334	1,118	1,080	975	1,093	965
Phase 1	729	692	829	912	847	880	982	973	778	684	656	738	650
Phase 2	281	225	279	231	345	335	327	302	312	355	278	288	261
Fast track	13	11	45	34	38	50	61	59	28	41	41	67	54
STTR	87	109	97	108	118	110	118	262	189	189	167	159	143
Phase 1	75	88	78	86	87	81	95	215	146	153	125	109	104
Phase 2	12	21	18	20	30	29	18	32	32	26	36	46	32
Fast track		0	1	2	1	0	5	15	11	10	6	4	7
Research Centers	181	196	269	270	335	329	379	336	312	316	351	290	289
Research Career Awards	527	544	673	835	829	928	938	938	1,046	829	1,036	1,002	963
K01	82	90	107	137	160	179	216	179	198	180	183	172	144
K02	62	63	64	53	65	49	48	54	42	33	28	27	26
K07	25	39	16	31	22	28	27	31	37	35	23	29	21
K08	306	311	249	250	255	293	280	267	266	215	189	222	221
K12	15	19	19	19	10	44	24	33	35	24	48	19	22





Research and training grants

Competing awards by mechanism and selected activity codes (cont'd)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
K22		0	5	21	33	47	47	47	50	50	40	26	29
K23		1	86	192	184	196	214	226	232	180	217	216	227
K24			81	77	58	48	40	50	76	56	62	49	41
K25				8	23	22	20	24	37	31	27	24	9
K99										1	183	180	204
All Other Ks	37	21	46	47	19	22	22	27	73	24	36	38	19
All Other Research Grants	1,067	1,085	1,108	1,178	1,053	1,189	1,168	1,206	1,182	1,059	1,264	1,272	1,146
Training, Individual	1,193	1,144	1,168	1,216	1,229	1,049	1,189	1,269	1,232	1,266	1,275	1,281	1,192
F30	15	19	10	22	25	33	35	49	46	52	81	114	147
F31	204	242	255	285	408	389	414	478	446	500	552	518	499
F32	921	844	866	868	767	614	715	721	716	703	626	640	537
F33	17	10	13	11	14	10	17	15	14	9	13	9	7
All Other Fs	36	29	24	30	15	3	8	6	10	2	3	0	2
Training, Institutional	397	384	399	464	412	427	442	435	440	405	467	418	461
T32	367	329	362	401	369	386	402	382	389	348	416	366	395
T34	15	18	20	21	16	20	13	14	13	10	17	9	14
All Other Ts	15	37	17	42	27	21	27	39	38	47	34	43	52





Research and training grants

Success rates by mechanism and selected activity codes

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All Research Grants	33%	33%	34%	33%	34%	33%	32%	26%	24%	22%	24%	25%	24%
Research Projects Grants	31%	31%	32%	32%	32%	31%	30%	25%	22%	20%	21%	22%	21%
R01	30%	31%	32%	31%	31%	30%	30%	25%	22%	20%	23%	23%	22%
R15	5%	9%	4%	7%	15%	37%	42%	31%	30%	25%	25%	28%	22%
R21	44%	26%	32%	24%	30%	28%	24%	21%	18%	15%	16%	16%	14%
All Other RPGs	34%	34%	40%	40%	40%	41%	36%	27%	29%	25%	21%	26%	27%
SBIR	33%	31%	31%	28%	34%	31%	27%	22%	21%	24%	27%	31%	25%
Phase 1	29%	28%	27%	26%	30%	27%	24%	20%	18%	19%	24%	27%	22%
Phase 2	52%	49%	48%	39%	53%	49%	44%	37%	36%	41%	42%	48%	40%
Fast track	32%	17%	35%	28%	29%	27%	22%	18%	15%	21%	18%	32%	23%
STTR	26%	28%	24%	28%	33%	37%	28%	38%	25%	21%	16%	19%	21%
Phase 1	25%	27%	23%	26%	30%	33%	27%	37%	22%	20%	14%	16%	19%
Phase 2	34%	35%	30%	42%	49%	63%	43%	49%	49%	26%	28%	39%	30%
Fast track		0%	14%	22%	25%	0%	28%	38%	24%	25%	11%	10%	15%
Research Centers	36%	42%	40%	49%	53%	40%	44%	31%	39%	34%	34%	40%	34%
Research Career Awards	51%	50%	46%	43%	46%	46%	44%	36%	35%	31%	31%	35%	38%
K01	35%	34%	39%	36%	43%	42%	43%	32%	31%	28%	32%	39%	36%
K02	53%	57%	71%	54%	56%	46%	48%	47%	38%	35%	42%	38%	36%
K07	49%	44%	43%	41%	36%	39%	36%	20%	22%	24%	26%	34%	39%
K08	55%	58%	52%	50%	50%	52%	47%	40%	39%	34%	36%	44%	47%
K12	100%	45%	36%	24%	43%	35%	46%	31%	28%	34%	45%	53%	52%





Research and training grants

Success rates by mechanism and selected activity codes (cont'd)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
K22		0%	9%	19%	38%	40%	33%	32%	29%	29%	27%	23%	26%
K23		100%	42%	49%	46%	47%	42%	36%	34%	27%	33%	38%	44%
K24			44%	45%	45%	44%	45%	42%	51%	44%	47%	50%	47%
K25				42%	56%	52%	42%	30%	33%	31%	35%	48%	22%
K99										100%	20%	23%	29%
All Other Ks	66%	70%	54%	49%	51%	59%	56%	49%	60%	48%	49%	67%	66%
All Other Research Grants	57%	49%	53%	51%	50%	52%	53%	44%	43%	40%	54%	56%	55%
Training, Individual	40%	41%	45%	47%	49%	44%	39%	35%	31%	29%	30%	33%	32%
F30	60%	61%	63%	71%	81%	69%	57%	49%	44%	40%	45%	46%	49%
F31	46%	48%	51%	52%	58%	53%	43%	39%	31%	30%	34%	34%	36%
F32	38%	39%	44%	45%	45%	39%	37%	33%	30%	27%	26%	30%	27%
F33	35%	21%	35%	35%	44%	42%	53%	44%	36%	26%	52%	50%	50%
All Other Fs	47%	59%	48%	54%	42%	33%	67%	21%	33%	15%	75%	0%	18%
Training, Institutional	62%	64%	63%	66%	63%	58%	54%	48%	43%	44%	48%	50%	50%
T32	64%	64%	64%	67%	62%	58%	53%	49%	42%	42%	49%	48%	50%
T34	50%	53%	51%	47%	70%	54%	48%	50%	36%	33%	47%	31%	33%
All Other Ts	39%	74%	65%	70%	73%	72%	66%	37%	60%	62%	34%	78%	63%





Research and training grants

Funding for competing awards by mechanism and selected activity codes

(\$Thousands)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All Research Grants	\$2,399,858	\$2,640,209	\$3,540,438	\$4,040,969	\$4,215,554	\$4,453,778	\$5,346,788	\$5,126,408	\$4,940,410	\$4,704,773	\$5,302,865	\$5,112,121	\$5,360,033
Research Projects Grants	\$1,817,373	\$1,920,127	\$2,515,764	\$2,911,899	\$3,029,002	\$3,183,080	\$3,512,696	\$3,576,515	\$3,405,275	\$3,358,339	\$3,718,570	\$3,588,320	\$3,712,419
R01	\$1,337,133	\$1,453,277	\$1,923,185	\$2,100,837	\$2,235,378	\$2,280,111	\$2,517,170	\$2,399,642	\$2,264,288	\$2,132,780	\$2,411,868	\$2,333,031	\$2,359,732
R15	\$2,274	\$1,890	\$1,106	\$2,655	\$6,113	\$25,280	\$30,467	\$37,633	\$39,741	\$37,939	\$45,229	\$44,172	\$37,300
R21	\$44,424	\$37,399	\$65,440	\$91,912	\$144,331	\$191,930	\$248,282	\$293,375	\$291,666	\$299,244	\$377,946	\$362,189	\$309,857
All Other RPGs	\$433,542	\$427,561	\$526,033	\$716,495	\$643,180	\$685,759	\$716,778	\$845,865	\$809,581	\$888,376	\$883,528	\$848,927	\$1,005,531
SBIR	\$177,546	\$155,252	\$210,169	\$215,876	\$262,655	\$279,031	\$307,182	\$319,429	\$289,912	\$309,217	\$266,131	\$303,471	\$302,729
Phase 1	\$71,140	\$68,351	\$89,951	\$108,219	\$106,846	\$114,966	\$141,724	\$151,945	\$121,650	\$112,492	\$112,171	\$128,090	\$128,684
Phase 2	\$105,120	\$85,777	\$115,224	\$102,408	\$149,828	\$154,608	\$156,102	\$158,014	\$163,696	\$189,932	\$145,387	\$161,294	\$158,315
Fast track	\$1,286	\$1,123	\$4,993	\$5,249	\$5,980	\$9,458	\$9,356	\$9,470	\$4,566	\$6,794	\$8,574	\$14,086	\$15,730
STTR	\$10,604	\$14,254	\$13,719	\$16,882	\$19,723	\$20,305	\$20,469	\$50,350	\$39,379	\$42,343	\$38,415	\$39,354	\$36,866
Phase 1	\$7,427	\$8,722	\$8,677	\$10,121	\$11,051	\$11,092	\$13,121	\$32,923	\$22,772	\$27,612	\$22,214	\$16,920	\$19,499
Phase 2	\$3,177	\$5,532	\$4,942	\$6,479	\$8,451	\$9,213	\$5,911	\$14,689	\$14,957	\$13,492	\$15,126	\$21,966	\$16,244
Fast track			\$100	\$282	\$221	\$0	\$1,437	\$2,738	\$1,650	\$1,238	\$1,075	\$468	\$1,123
Research Centers	\$189,512	\$261,119	\$436,462	\$385,817	\$516,578	\$473,194	\$613,651	\$664,420	\$597,085	\$542,540	\$727,274	\$533,545	\$553,181





Research and training grants

Funding for competing awards by mechanism and selected activity codes (cont'd)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Research Career Awards	\$50,023	\$56,398	\$81,232	\$106,014	\$102,892	\$133,734	\$128,679	\$137,510	\$166,526	\$131,061	\$161,356	\$148,795	\$137,529
K01	\$7,611	\$8,608	\$10,992	\$13,838	\$17,320	\$20,365	\$25,555	\$21,629	\$24,324	\$22,677	\$22,903	\$21,927	\$18,685
K02	\$5,163	\$5,492	\$6,016	\$5,241	\$6,843	\$5,787	\$5,617	\$6,503	\$5,093	\$4,406	\$3,412	\$3,399	\$3,268
K07	\$2,244	\$4,051	\$1,738	\$3,873	\$2,776	\$3,257	\$3,486	\$3,661	\$5,223	\$5,240	\$2,992	\$3,805	\$2,962
K08	\$26,083	\$29,642	\$28,448	\$30,397	\$31,660	\$37,399	\$36,472	\$35,881	\$35,642	\$29,461	\$25,345	\$30,179	\$31,027
K12	\$5,424	\$6,477	\$6,012	\$8,507	\$3,612	\$21,543	\$10,695	\$18,701	\$22,398	\$10,413	\$23,597	\$11,846	\$10,960
K22			\$668	\$2,969	\$4,504	\$6,706	\$6,805	\$6,691	\$7,410	\$7,601	\$5,967	\$4,066	\$4,743
K23		\$133	\$11,118	\$24,784	\$24,491	\$27,167	\$29,554	\$31,654	\$32,796	\$25,804	\$31,122	\$31,636	\$33,659
K24			\$8,258	\$8,117	\$6,746	\$5,721	\$5,025	\$5,952	\$10,763	\$8,599	\$9,649	\$7,777	\$6,693
K25				\$974	\$2,828	\$2,636	\$2,502	\$3,104	\$4,953	\$4,289	\$3,695	\$3,072	\$1,288
K99										\$90	\$16,283	\$17,195	\$19,754
All Other Ks	\$3,497	\$1,995	\$7,982	\$7,314	\$2,111	\$3,154	\$2,968	\$3,733	\$17,925	\$12,482	\$16,391	\$13,894	\$4,490
All Other Research Grants	\$154,800	\$233,059	\$283,092	\$404,481	\$284,704	\$364,434	\$764,111	\$378,184	\$442,233	\$321,273	\$391,119	\$498,636	\$432,863
Training, Individual	\$31,748	\$30,507	\$37,605	\$39,456	\$41,689	\$38,401	\$47,224	\$50,461	\$50,799	\$52,760	\$52,239	\$52,932	\$49,118
F30	\$381	\$427	\$234	\$601	\$669	\$1,025	\$1,161	\$1,747	\$1,555	\$1,866	\$2,818	\$3,965	\$5,332
F31	\$3,981	\$4,708	\$6,077	\$7,152	\$10,868	\$11,004	\$12,944	\$15,418	\$14,620	\$16,836	\$18,075	\$17,128	\$16,783
F32	\$25,501	\$23,971	\$29,848	\$30,187	\$28,899	\$25,747	\$31,805	\$32,305	\$33,239	\$33,521	\$30,523	\$31,357	\$26,565
F33	\$576	\$369	\$528	\$448	\$623	\$452	\$896	\$648	\$665	\$415	\$676	\$482	\$326
All Other Fs	\$1,309	\$1,033	\$917	\$1,069	\$631	\$173	\$417	\$344	\$720	\$122	\$147	\$0	\$112
Training, Institutional	\$67,256	\$68,599	\$80,690	\$111,194	\$103,927	\$119,031	\$119,605	\$114,593	\$137,330	\$105,865	\$140,154	\$119,521	\$124,893





Research and training grants

Average cost of competing awards by mechanism and selected activity codes

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All Research Grants	\$235,000	\$256,000	\$300,000	\$330,000	\$335,000	\$339,000	\$374,000	\$365,000	\$369,000	\$376,000	\$384,000	\$385,000	\$381,416
Research Projects Grants	\$246,000	\$255,000	\$294,000	\$332,000	\$333,000	\$339,000	\$338,000	\$356,000	\$355,000	\$368,000	\$368,000	\$379,000	\$418,018
R01	\$249,000	\$262,000	\$282,000	\$305,000	\$328,000	\$342,000	\$347,000	\$353,000	\$361,000	\$363,000	\$382,000	\$395,000	\$408,541
R15	\$95,000	\$63,000	\$111,000	\$92,000	\$102,000	\$135,000	\$142,000	\$195,000	\$202,000	\$206,000	\$209,000	\$208,000	\$209,549
R21	\$164,000	\$148,000	\$155,000	\$170,000	\$186,000	\$172,000	\$191,000	\$197,000	\$195,000	\$195,000	\$204,000	\$206,000	\$217,749
All Other RPGs	\$253,000	\$252,000	\$402,000	\$547,000	\$445,000	\$479,000	\$441,000	\$536,000	\$496,000	\$580,000	\$513,000	\$537,000	\$668,571
SBIR	\$174,000	\$167,000	\$182,000	\$183,000	\$214,000	\$221,000	\$224,000	\$239,000	\$259,000	\$286,000	\$273,000	\$278,000	\$313,709
Phase 1	\$98,000	\$99,000	\$109,000	\$119,000	\$126,000	\$131,000	\$144,000	\$156,000	\$156,000	\$164,000	\$171,000	\$174,000	\$197,975
Phase 2	\$374,000	\$381,000	\$413,000	\$443,000	\$434,000	\$462,000	\$477,000	\$523,000	\$525,000	\$535,000	\$523,000	\$560,000	\$606,570
Fast track	\$99,000	\$102,000	\$111,000	\$154,000	\$157,000	\$189,000	\$153,000	\$161,000	\$163,000	\$166,000	\$209,000	\$210,000	\$291,303
STTR	\$122,000	\$131,000	\$141,000	\$156,000	\$167,000	\$185,000	\$173,000	\$192,000	\$208,000	\$224,000	\$230,000	\$248,000	\$257,801
Phase 1	\$99,000	\$99,000	\$111,000	\$118,000	\$127,000	\$137,000	\$138,000	\$153,000	\$156,000	\$180,000	\$178,000	\$155,000	\$187,491
Phase 2	\$265,000	\$263,000	\$275,000	\$324,000	\$282,000	\$318,000	\$328,000	\$459,000	\$467,000	\$519,000	\$420,000	\$478,000	\$507,621
Fast track			\$100,000	\$141,000	\$221,000		\$287,000	\$183,000	\$150,000	\$124,000	\$179,000	\$117,000	\$160,370
Research Centers	\$1,047,000	\$1,332,000	\$1,623,000	\$1,429,000	\$1,542,000	\$1,438,000	\$1,619,000	\$1,977,000	\$1,914,000	\$1,717,000	\$2,072,000	\$1,840,000	\$1,914,122





Research and training grants

Average cost of competing awards by mechanism and selected activity codes (cont'd)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Research Career Awards	\$95,000	\$104,000	\$121,000	\$127,000	\$124,000	\$144,000	\$137,000	\$147,000	\$159,000	\$158,000	\$156,000	\$148,000	\$142,813
K01	\$93,000	\$96,000	\$103,000	\$101,000	\$108,000	\$114,000	\$118,000	\$121,000	\$123,000	\$126,000	\$125,000	\$127,000	\$129,760
K02	\$83,000	\$87,000	\$94,000	\$99,000	\$105,000	\$118,000	\$117,000	\$120,000	\$121,000	\$134,000	\$122,000	\$126,000	\$125,682
K07	\$90,000	\$104,000	\$109,000	\$125,000	\$126,000	\$116,000	\$129,000	\$118,000	\$141,000	\$150,000	\$130,000	\$131,000	\$141,027
K08	\$85,000	\$95,000	\$114,000	\$122,000	\$124,000	\$128,000	\$130,000	\$134,000	\$134,000	\$137,000	\$134,000	\$136,000	\$140,394
K12	\$362,000	\$341,000	\$316,000	\$448,000	\$361,000	\$490,000	\$446,000	\$567,000	\$640,000	\$434,000	\$492,000	\$623,000	\$498,161
K22			\$134,000	\$141,000	\$136,000	\$143,000	\$145,000	\$142,000	\$148,000	\$152,000	\$149,000	\$156,000	\$163,539
K23		\$133,000	\$129,000	\$129,000	\$133,000	\$139,000	\$138,000	\$140,000	\$141,000	\$143,000	\$143,000	\$146,000	\$148,279
K24			\$102,000	\$105,000	\$116,000	\$119,000	\$126,000	\$119,000	\$142,000	\$154,000	\$156,000	\$159,000	\$163,245
K25				\$122,000	\$123,000	\$120,000	\$125,000	\$129,000	\$134,000	\$138,000	\$137,000	\$128,000	\$143,112
K99										\$90,000	\$89,000	\$96,000	\$96,834
All Other Ks	\$95,000	\$95,000	\$174,000	\$156,000	\$111,000	\$143,000	\$135,000	\$138,000	\$246,000	\$520,000	\$455,000	\$366,000	\$236,331
All Other Research Grants	\$153,000	\$228,000	\$272,000	\$371,000	\$294,000	\$325,000	\$696,000	\$336,000	\$399,000	\$329,000	\$332,000	\$392,000	\$377,717
Training, Individual	\$27,000	\$27,000	\$32,000	\$32,000	\$34,000	\$37,000	\$40,000	\$40,000	\$41,000	\$42,000	\$41,000	\$41,000	\$41,206
F30	\$25,000	\$22,000	\$23,000	\$27,000	\$27,000	\$31,000	\$33,000	\$36,000	\$34,000	\$36,000	\$35,000	\$35,000	\$36,272
F31	\$20,000	\$19,000	\$24,000	\$25,000	\$27,000	\$28,000	\$31,000	\$32,000	\$33,000	\$34,000	\$33,000	\$33,000	\$33,634
F32	\$28,000	\$28,000	\$34,000	\$35,000	\$38,000	\$42,000	\$44,000	\$45,000	\$46,000	\$48,000	\$49,000	\$49,000	\$49,469
F33	\$34,000	\$37,000	\$41,000	\$41,000	\$45,000	\$45,000	\$53,000	\$43,000	\$48,000	\$46,000	\$52,000	\$54,000	\$46,544

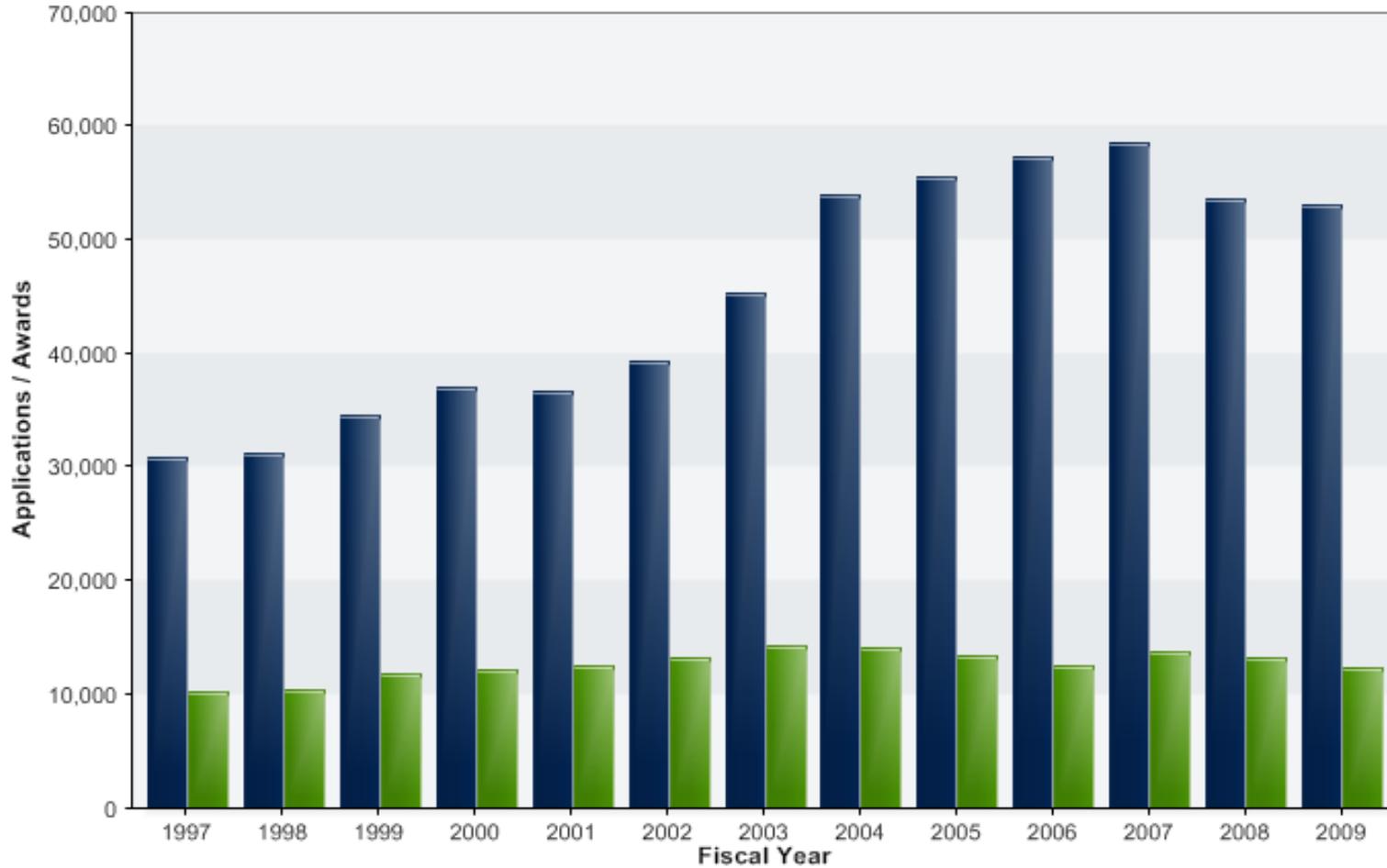




Research grants

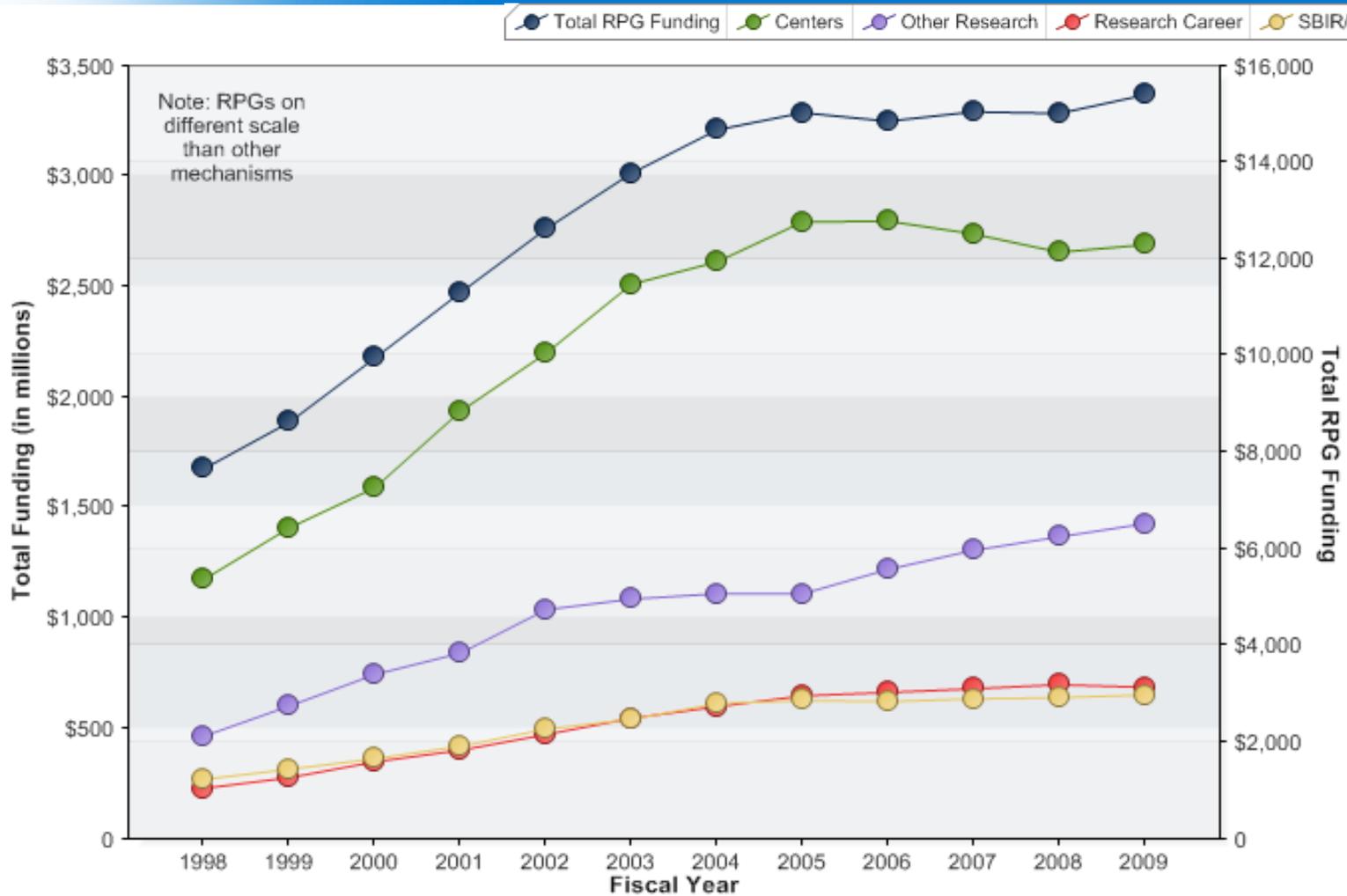
Competing applications and awards

Applications Awards



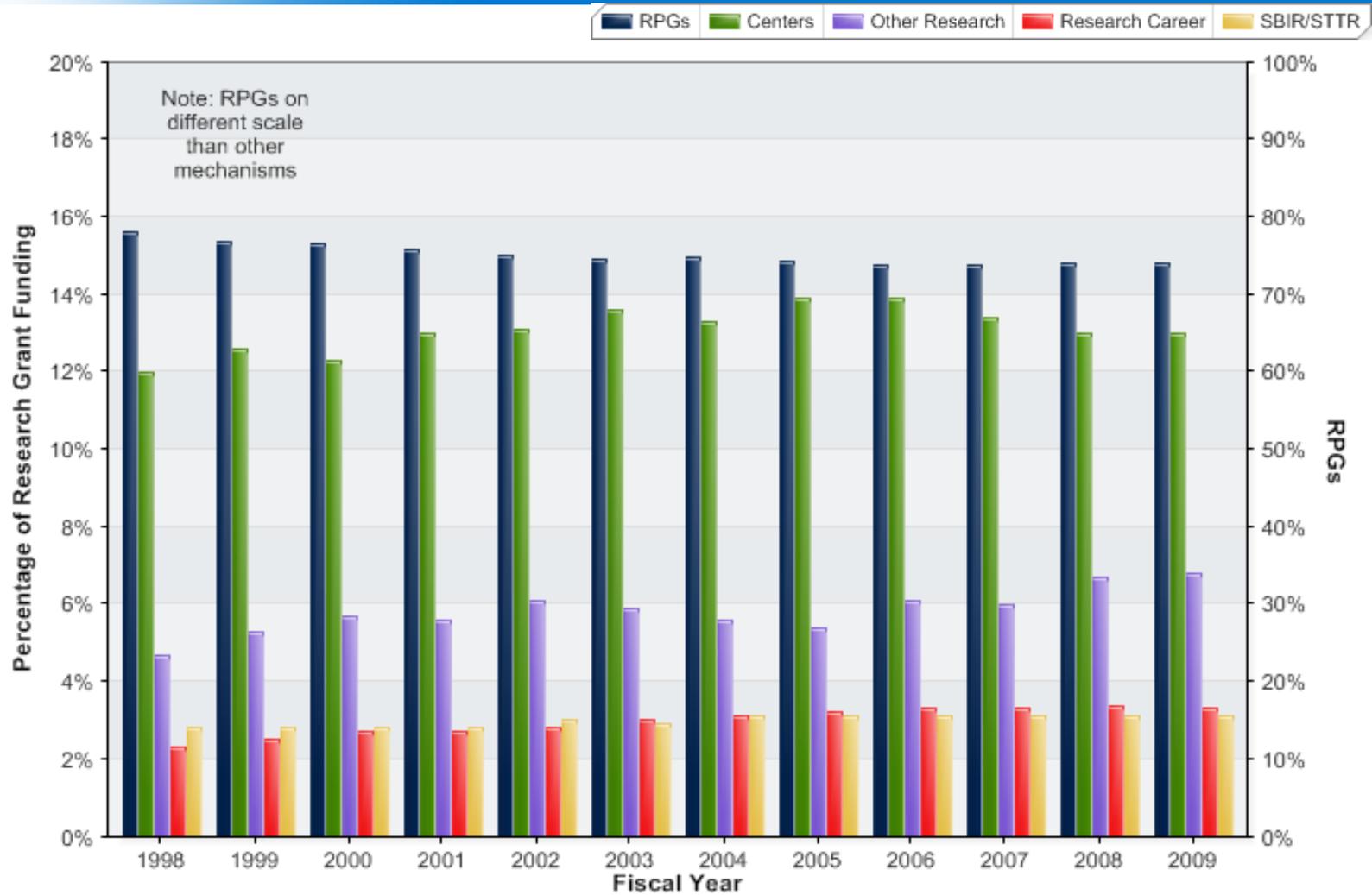


Research grants Funding, by mechanism





Research grants Funding, by mechanism





Research grants

Awards by Institute / Center

Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
FIC	145	150	178	203	266	283	303	283	269	248	226	209
NCCAM		31	115	178	220	230	276	309	318	306	275	277
NCI	4,774	5,290	5,536	5,846	6,153	6,376	6,717	6,711	6,697	6,736	6,631	6,336
NCMHD					48	85	102	133	125	114	135	164
NCRR	700	755	838	870	1,126	1,147	1,052	1,069	1,105	1,060	900	902
NEI	1,240	1,283	1,340	1,379	1,417	1,472	1,522	1,475	1,431	1,387	1,306	1,278
NHGRI	196	201	210	208	232	270	305	322	329	341	351	354
NHLBI	3,851	4,189	4,477	4,763	5,011	5,163	5,223	4,966	4,794	4,723	4,738	4,856
NIA	1,341	1,380	1,428	1,590	1,645	1,725	1,776	1,847	1,848	1,965	1,935	1,897
NIAAA	669	708	767	819	848	876	901	895	904	915	915	902
NIAID	3,361	3,547	3,781	3,850	4,094	4,613	4,848	4,850	4,804	4,928	4,881	4,615
NIAMS	957	991	1,050	1,145	1,181	1,224	1,272	1,259	1,250	1,273	1,291	1,287
NIBIB					287	732	743	764	766	792	741	676
NICHD	1,733	1,813	1,933	2,081	2,264	2,343	2,338	2,382	2,333	2,370	2,341	2,253
NIDA	1,318	1,412	1,506	1,655	1,745	1,845	1,863	1,860	1,840	1,932	1,969	1,925
NIDCD	688	772	824	906	986	1,018	1,026	999	966	982	939	926
NIDCR	603	601	671	739	747	799	839	847	791	778	788	753
NIDDK	2,799	3,009	3,240	3,393	3,560	3,905	4,116	4,144	4,043	3,942	3,793	3,638
NIEHS	622	632	707	754	797	792	786	750	767	791	788	759
NIGMS	3,932	4,069	4,195	4,369	4,534	4,536	4,588	4,627	4,572	4,657	4,626	4,538
NIMH	2,042	2,200	2,435	2,653	2,838	2,980	3,093	3,084	2,974	2,990	2,976	2,873
NINDS	2,425	2,518	2,726	2,885	3,122	3,230	3,319	3,291	3,395	3,425	3,338	3,220
NINR	228	255	277	312	332	359	359	357	340	331	342	315
NLM	76	68	67	66	67	78	88	99	101	118	119	104
OD							9	22	35	77	93	113
NIH Total	33,700	35,874	38,301	40,664	43,520	46,081	47,464	47,345	46,797	47,181	46,437	45,170





Research grants

Funding by Institute / Center

(\$ Millions)

Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
FIC	\$7	\$9	\$13	\$16	\$24	\$31	\$36	\$36	\$34	\$35	\$35	\$35
NCCAM		\$23	\$53	\$66	\$78	\$89	\$93	\$98	\$97	\$100	\$98	\$96
NCI	\$1,601	\$1,863	\$2,132	\$2,401	\$2,657	\$2,901	\$3,041	\$3,127	\$3,108	\$3,053	\$3,011	\$3,053
NCMHD					\$68	\$103	\$114	\$129	\$123	\$123	\$129	\$144
NCRR	\$417	\$494	\$569	\$734	\$891	\$995	\$1,016	\$1,076	\$1,155	\$1,176	\$1,190	\$1,199
NEI	\$296	\$332	\$379	\$422	\$469	\$505	\$524	\$534	\$533	\$544	\$548	\$565
NHGRI	\$162	\$213	\$255	\$326	\$362	\$353	\$348	\$367	\$375	\$416	\$423	\$435
NHLBI	\$1,196	\$1,356	\$1,579	\$1,811	\$2,017	\$2,175	\$2,271	\$2,308	\$2,273	\$2,269	\$2,228	\$2,267
NIA	\$415	\$472	\$546	\$623	\$697	\$774	\$804	\$826	\$813	\$835	\$832	\$876
NIAAA	\$180	\$205	\$233	\$264	\$286	\$308	\$320	\$323	\$318	\$326	\$324	\$330
NIAID	\$975	\$1,096	\$1,318	\$1,481	\$1,621	\$1,860	\$2,357	\$2,479	\$2,546	\$2,568	\$2,569	\$2,601
NIAMS	\$231	\$254	\$283	\$313	\$343	\$370	\$397	\$400	\$400	\$408	\$409	\$427
NIBIB					\$101	\$258	\$266	\$273	\$271	\$273	\$268	\$265
NICHD	\$486	\$549	\$637	\$743	\$834	\$876	\$893	\$922	\$883	\$893	\$889	\$909
NIDA	\$397	\$457	\$515	\$589	\$648	\$706	\$720	\$738	\$721	\$743	\$749	\$776
NIDCD	\$162	\$186	\$211	\$239	\$272	\$292	\$299	\$307	\$300	\$302	\$300	\$309
NIDCR	\$148	\$163	\$183	\$212	\$238	\$259	\$275	\$277	\$268	\$271	\$278	\$286
NIDDK	\$725	\$832	\$953	\$1,104	\$1,240	\$1,343	\$1,435	\$1,461	\$1,427	\$1,405	\$1,379	\$1,415
NIEHS	\$212	\$238	\$275	\$310	\$357	\$372	\$371	\$375	\$374	\$379	\$389	\$400
NIGMS	\$933	\$1,036	\$1,189	\$1,352	\$1,491	\$1,590	\$1,645	\$1,680	\$1,668	\$1,696	\$1,671	\$1,712
NIMH	\$559	\$641	\$739	\$827	\$923	\$988	\$1,030	\$1,062	\$1,045	\$1,056	\$1,091	\$1,133
NINDS	\$627	\$732	\$847	\$963	\$1,089	\$1,178	\$1,203	\$1,245	\$1,252	\$1,291	\$1,293	\$1,310
NINR	\$56	\$63	\$77	\$92	\$103	\$111	\$113	\$116	\$111	\$110	\$111	\$112
NLM	\$16	\$17	\$18	\$21	\$24	\$26	\$30	\$32	\$32	\$36	\$38	\$35
OD							\$7	\$17	\$27	\$108	\$123	\$158
NIH Total	\$9,801	\$11,229	\$13,003	\$14,908	\$16,830	\$18,462	\$19,608	\$20,207	\$20,154	\$20,416	\$20,375	\$20,851





Research Project Grants

Awards by Institute / Center

Institute / Center	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
FIC	146	161	186	240	251	255	217	201	178	163	155
NCCAM	17	72	121	142	153	201	225	240	229	194	193
NCI	4,225	4,413	4,564	4,725	4,887	5,186	5,286	5,293	5,359	5,224	5,001
NCMHD	0	0	0	0	0	0	0	0	0	0	12
NCRR	160	150	139	112	112	120	116	110	100	108	112
NEI	1,032	1,074	1,120	1,163	1,198	1,242	1,200	1,156	1,124	1,069	1,067
NHGRI	132	127	116	116	151	176	191	204	232	257	264
NHLBI	3,380	3,597	3,894	4,115	4,223	4,232	4,039	3,929	3,832	3,837	3,936
NIA	1,104	1,144	1,282	1,322	1,366	1,397	1,465	1,470	1,564	1,550	1,475
NIAAA	584	633	679	713	721	740	731	736	755	750	731
NIAID	3,123	3,297	3,364	3,525	4,001	4,168	4,186	4,154	4,277	4,200	3,908
NIAMS	820	869	924	967	984	1,018	993	994	1,024	1,026	1,023
NIBIB				238	630	620	654	662	673	623	578
NICHD	1,479	1,548	1,659	1,785	1,812	1,750	1,775	1,728	1,737	1,751	1,674
NIDA	1,145	1,217	1,337	1,398	1,463	1,456	1,452	1,429	1,491	1,517	1,485
NIDCD	669	717	790	862	891	898	886	859	861	830	818
NIDCR	510	555	610	617	632	680	666	644	646	651	618
NIDDK	2,562	2,719	2,820	2,904	3,147	3,321	3,310	3,213	3,116	2,976	2,834
NIEHS	509	550	579	593	574	566	548	568	609	594	601
NIGMS	3,718	3,809	3,929	4,036	4,022	3,993	4,009	3,930	4,018	3,948	3,866
NIMH	1,564	1,781	1,956	2,098	2,191	2,260	2,255	2,170	2,210	2,233	2,189
NINDS	2,169	2,377	2,527	2,687	2,749	2,833	2,760	2,820	2,821	2,696	2,603
NINR	206	225	254	255	283	280	284	269	269	272	259
NLM									83	94	84
OD	0	0	0	0	0	9	22	35	77	93	113
NIH Total	29,254	31,035	32,850	34,613	36,441	37,401	37,270	36,814	37,285	36,656	35,599





Research Project Grants

Awards by Institute / Center, sorted by average number

Legend: <= 200 400 600 800 1000 1250 1500 1750 2000 2250 2500 2750 3000 3250 3500 4000 > 4000

Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
NCI	3,835	4,225	4,413	4,564	4,725	4,887	5,186	5,286	5,293	5,359	5,224	5,001
NIGMS	3,631	3,718	3,809	3,929	4,036	4,022	3,993	4,009	3,930	4,018	3,948	3,866
NHLBI	3,777	3,380	3,597	3,894	4,115	4,223	4,232	4,039	3,929	3,832	3,837	3,936
NIAID	2,939	3,123	3,297	3,364	3,525	4,001	4,168	4,186	4,154	4,277	4,200	3,908
NIDDK	2,435	2,562	2,719	2,820	2,904	3,147	3,321	3,310	3,213	3,116	2,976	2,834
NINDS	2,074	2,169	2,377	2,527	2,687	2,749	2,833	2,760	2,820	2,821	2,696	2,603
NIMH	1,458	1,564	1,781	1,956	2,098	2,191	2,260	2,255	2,170	2,210	2,233	2,189
NICHD	1,398	1,479	1,548	1,659	1,785	1,812	1,750	1,775	1,728	1,737	1,751	1,674
NIDA	1,075	1,145	1,217	1,337	1,398	1,463	1,456	1,452	1,429	1,491	1,517	1,485
NIA	1,081	1,104	1,144	1,282	1,322	1,366	1,397	1,465	1,470	1,564	1,550	1,475
NEI	1,003	1,032	1,074	1,120	1,163	1,198	1,242	1,200	1,156	1,124	1,069	1,067
NIAMS	805	820	869	924	967	984	1,018	993	994	1,024	1,026	1,023
NIDCD	597	669	717	790	862	891	898	886	859	861	830	818
NIAAA	562	584	633	679	713	721	740	731	736	755	750	731
NIDCR	503	510	555	610	617	632	680	666	644	646	651	618
NIBIB					238	630	620	654	662	673	623	578
NIEHS	507	509	550	579	593	574	566	548	568	609	594	601
NINR	183	206	225	254	255	283	280	284	269	269	272	259
FIC	145	146	161	186	240	251	255	217	201	178	163	155
NHGRI	134	132	127	116	116	151	176	191	204	232	257	264
NCCAM		17	72	121	142	153	201	225	240	229	194	193
NCRR	145	160	150	139	112	112	120	116	110	100	108	112
NLM										83	94	84
OD							9	22	35	77	93	113
NCMHD												12





Research Project Grants

Funding by Institute / Center

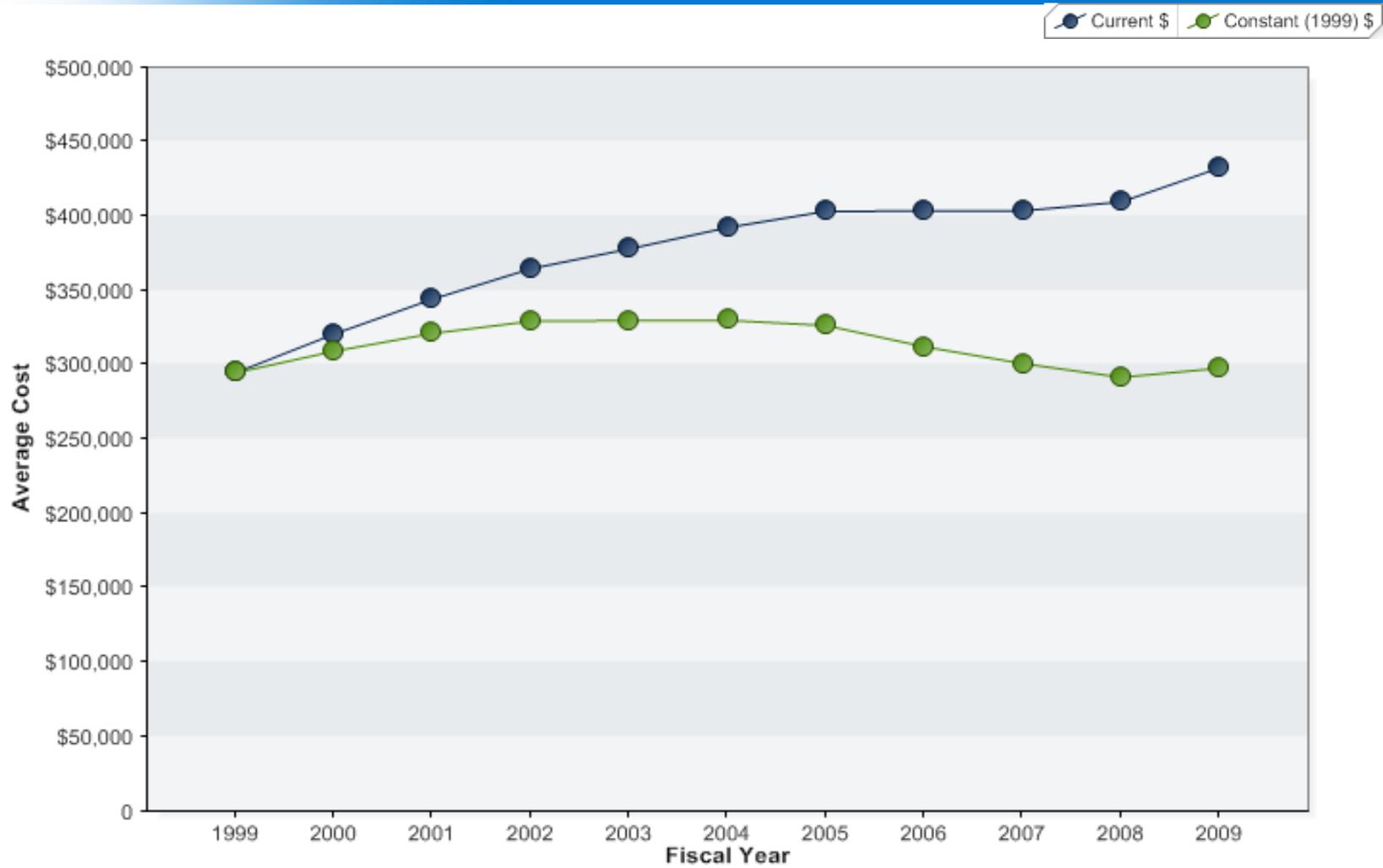
Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
FIC	\$7	\$8	\$11	\$13	\$20	\$26	\$27	\$24	\$22	\$19	\$18	\$18
NCCAM		\$9	\$26	\$36	\$45	\$56	\$68	\$76	\$77	\$79	\$77	\$74
NCI	\$1,213	\$1,354	\$1,533	\$1,690	\$1,840	\$1,980	\$2,074	\$2,115	\$2,068	\$2,024	\$1,985	\$1,981
NCMHD	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4
NCRR	\$34	\$40	\$41	\$41	\$35	\$37	\$40	\$39	\$35	\$31	\$33	\$32
NEI	\$234	\$256	\$288	\$325	\$361	\$385	\$400	\$407	\$399	\$410	\$404	\$428
NHGRI	\$81	\$62	\$66	\$66	\$81	\$105	\$106	\$115	\$130	\$157	\$172	\$177
NHLBI	\$981	\$1,108	\$1,315	\$1,540	\$1,733	\$1,863	\$1,950	\$1,982	\$1,950	\$1,929	\$1,922	\$1,976
NIA	\$325	\$372	\$442	\$511	\$575	\$645	\$672	\$687	\$673	\$689	\$684	\$723
NIAAA	\$137	\$156	\$180	\$207	\$232	\$249	\$254	\$257	\$253	\$261	\$260	\$263
NIAID	\$911	\$1,025	\$1,224	\$1,374	\$1,488	\$1,682	\$2,094	\$2,186	\$2,257	\$2,283	\$2,279	\$2,306
NIAMS	\$189	\$207	\$233	\$257	\$286	\$311	\$335	\$337	\$333	\$337	\$337	\$352
NIBIB					\$87	\$218	\$219	\$231	\$230	\$227	\$222	\$219
NICHD	\$374	\$430	\$499	\$584	\$648	\$678	\$675	\$683	\$673	\$670	\$665	\$670
NIDA	\$325	\$367	\$402	\$462	\$512	\$560	\$566	\$578	\$558	\$573	\$578	\$602
NIDCD	\$135	\$156	\$183	\$209	\$235	\$255	\$263	\$272	\$266	\$270	\$268	\$278
NIDCR	\$116	\$129	\$146	\$173	\$199	\$213	\$232	\$234	\$236	\$236	\$235	\$245
NIDDK	\$630	\$717	\$819	\$941	\$1,061	\$1,145	\$1,224	\$1,240	\$1,196	\$1,170	\$1,138	\$1,165
NIEHS	\$146	\$165	\$194	\$222	\$250	\$260	\$262	\$265	\$260	\$272	\$287	\$299
NIGMS	\$838	\$921	\$1,000	\$1,102	\$1,191	\$1,243	\$1,288	\$1,319	\$1,300	\$1,329	\$1,330	\$1,356
NIMH	\$389	\$453	\$543	\$624	\$704	\$742	\$771	\$788	\$767	\$779	\$808	\$857
NINDS	\$549	\$637	\$743	\$853	\$954	\$1,029	\$1,049	\$1,079	\$1,052	\$1,077	\$1,066	\$1,086
NINR	\$49	\$56	\$68	\$80	\$88	\$97	\$97	\$99	\$94	\$95	\$96	\$100
NLM										\$25	\$28	\$27
OD							\$7	\$17	\$27	\$108	\$123	\$158
NIH Total	\$7,662	\$8,626	\$9,955	\$11,309	\$12,624	\$13,776	\$14,673	\$15,030	\$14,853	\$15,050	\$15,013	\$15,397





Research Project Grants

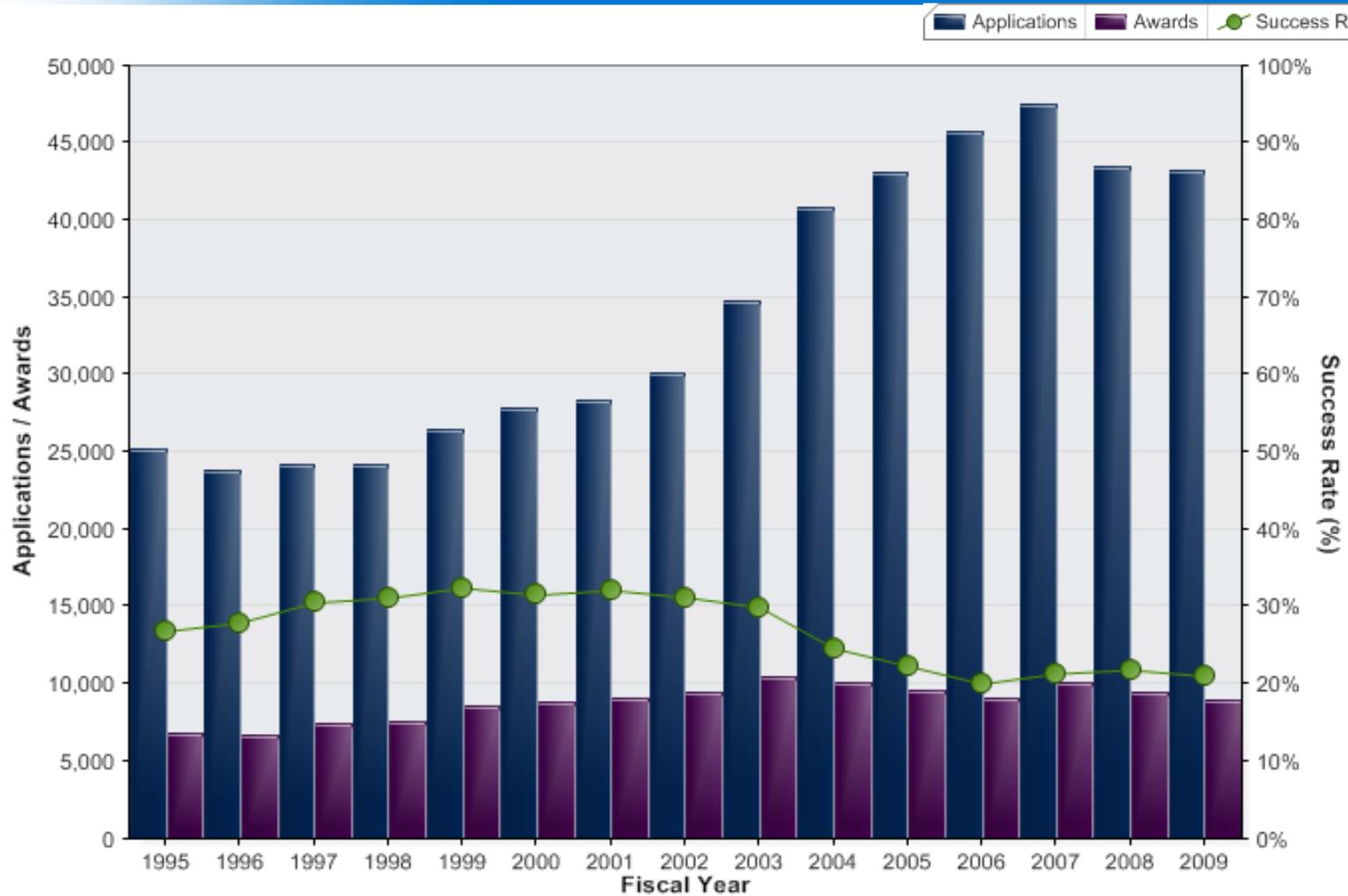
Average size





Research Project Grants

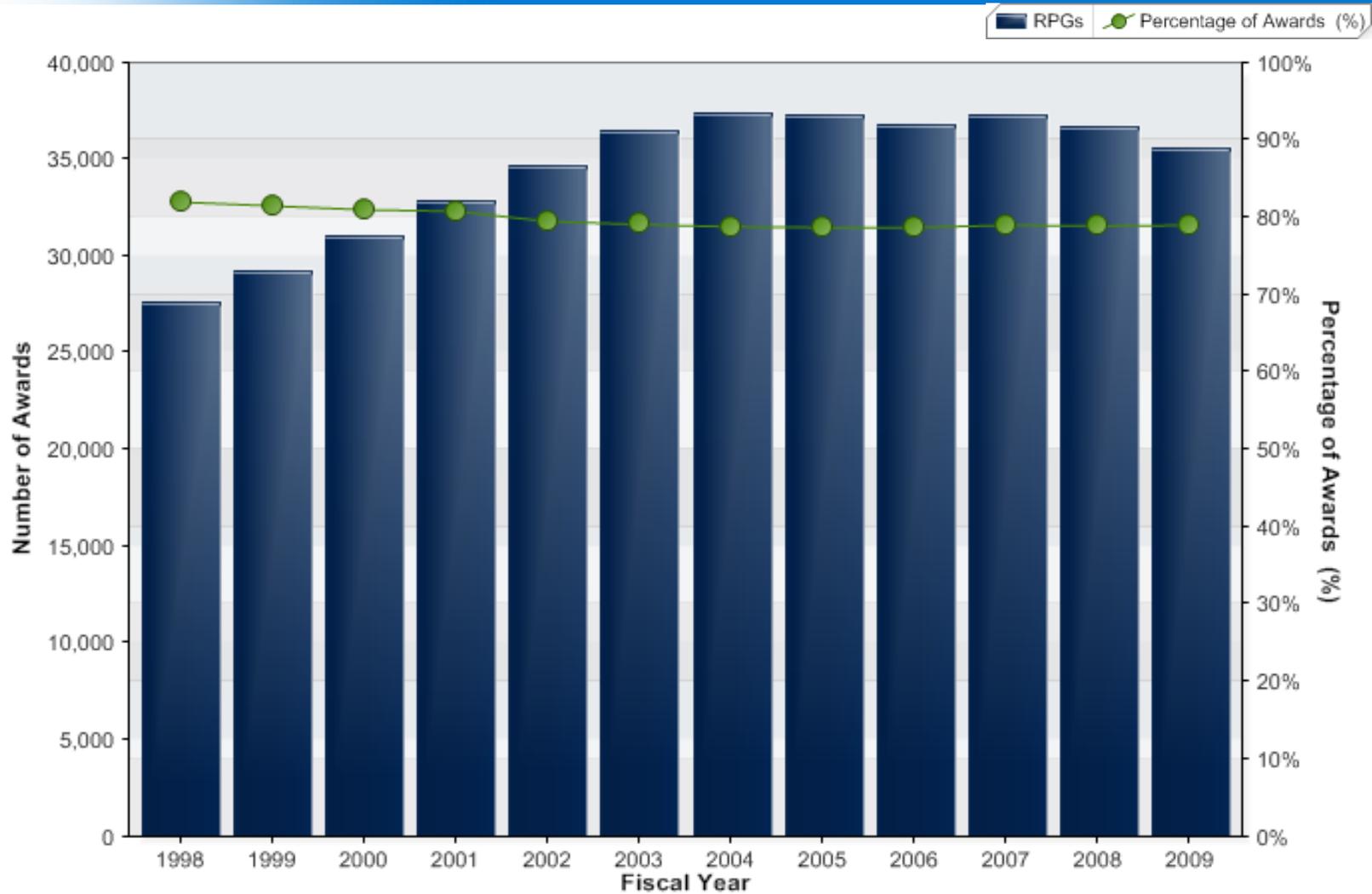
Applications, awards, and success rates





Research Project Grants

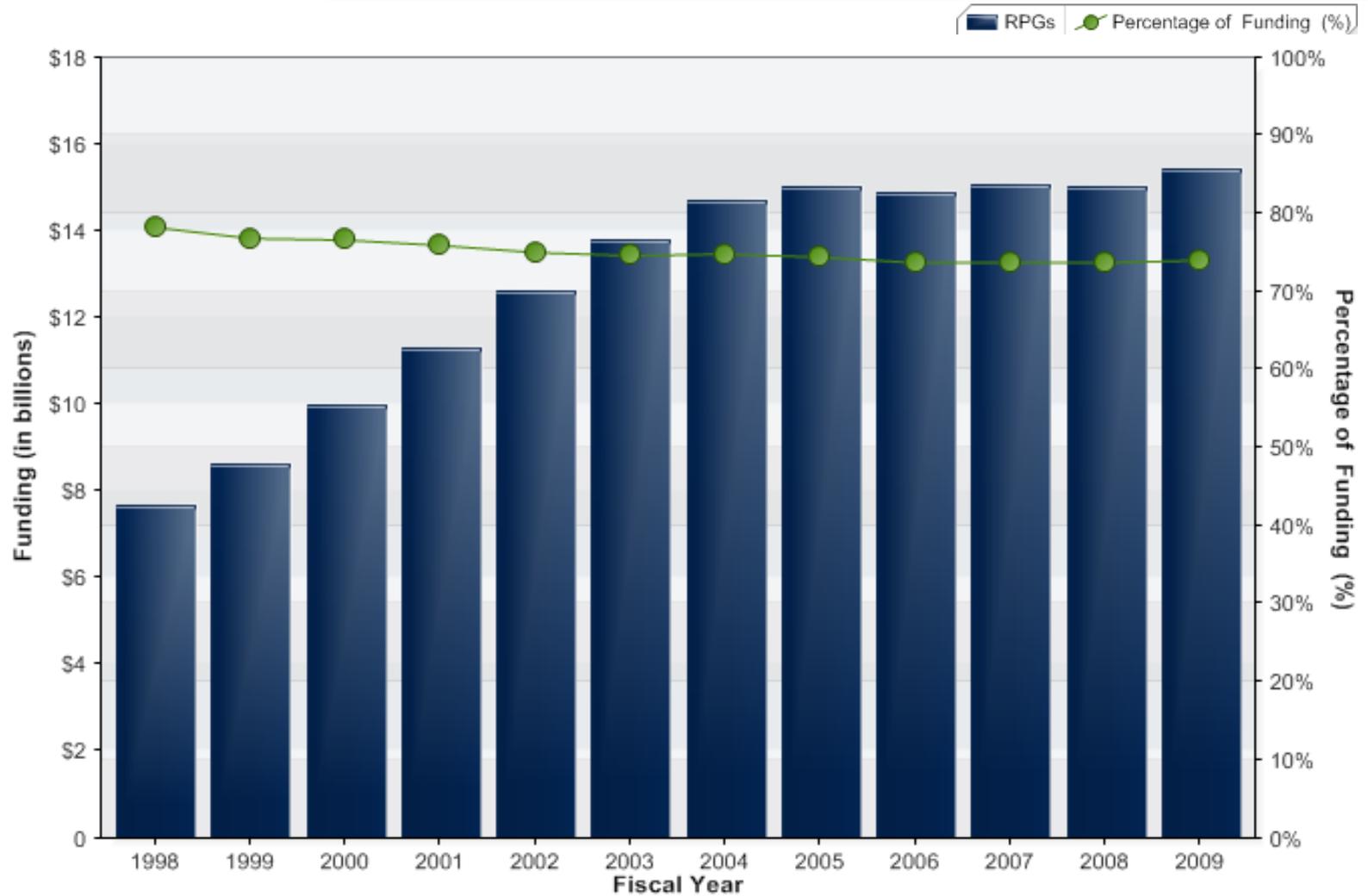
Awards as percentage of all research grants





Research Project Grants

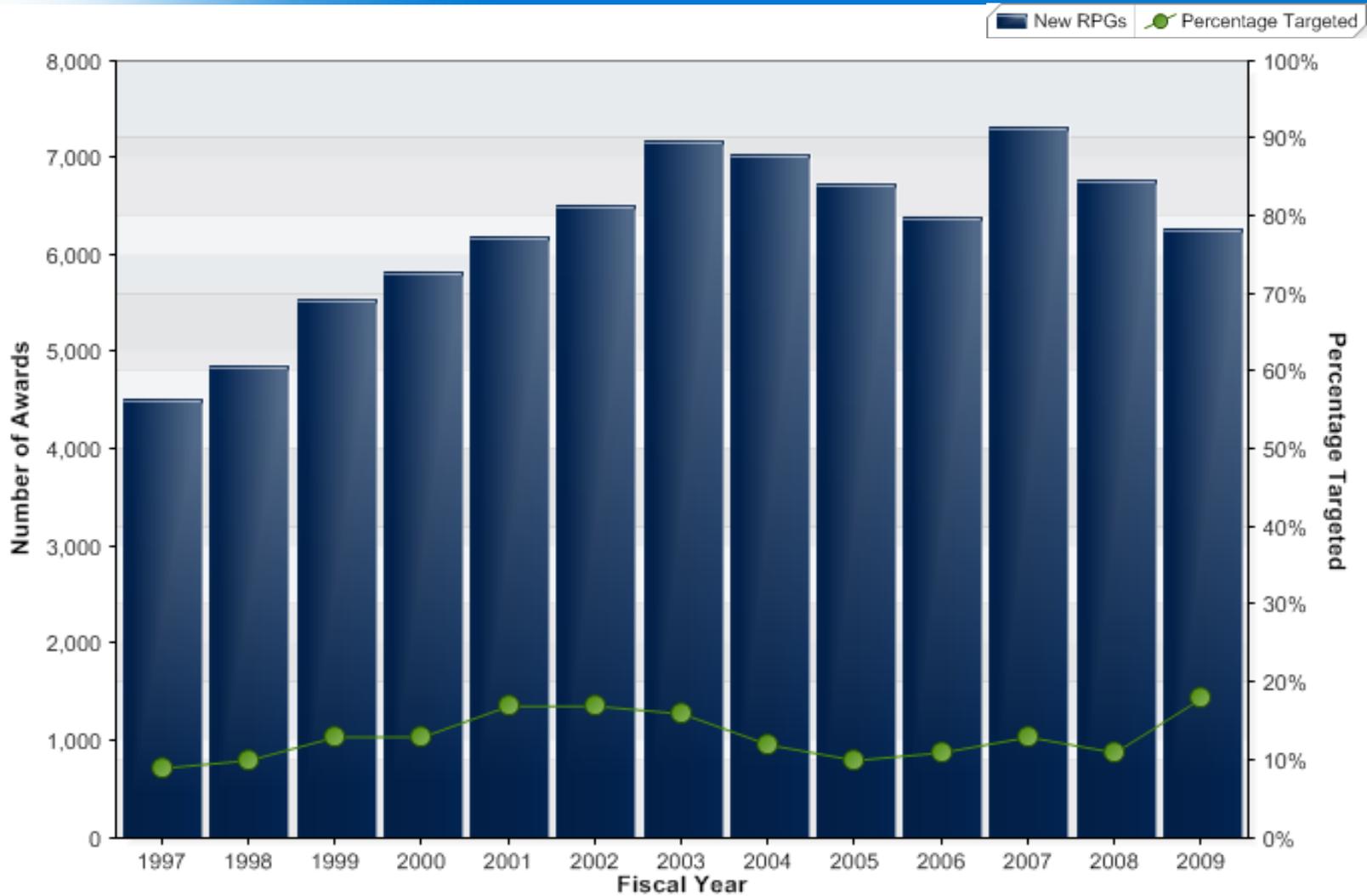
Funding as a percentage of all research grant funding





Research Project Grants

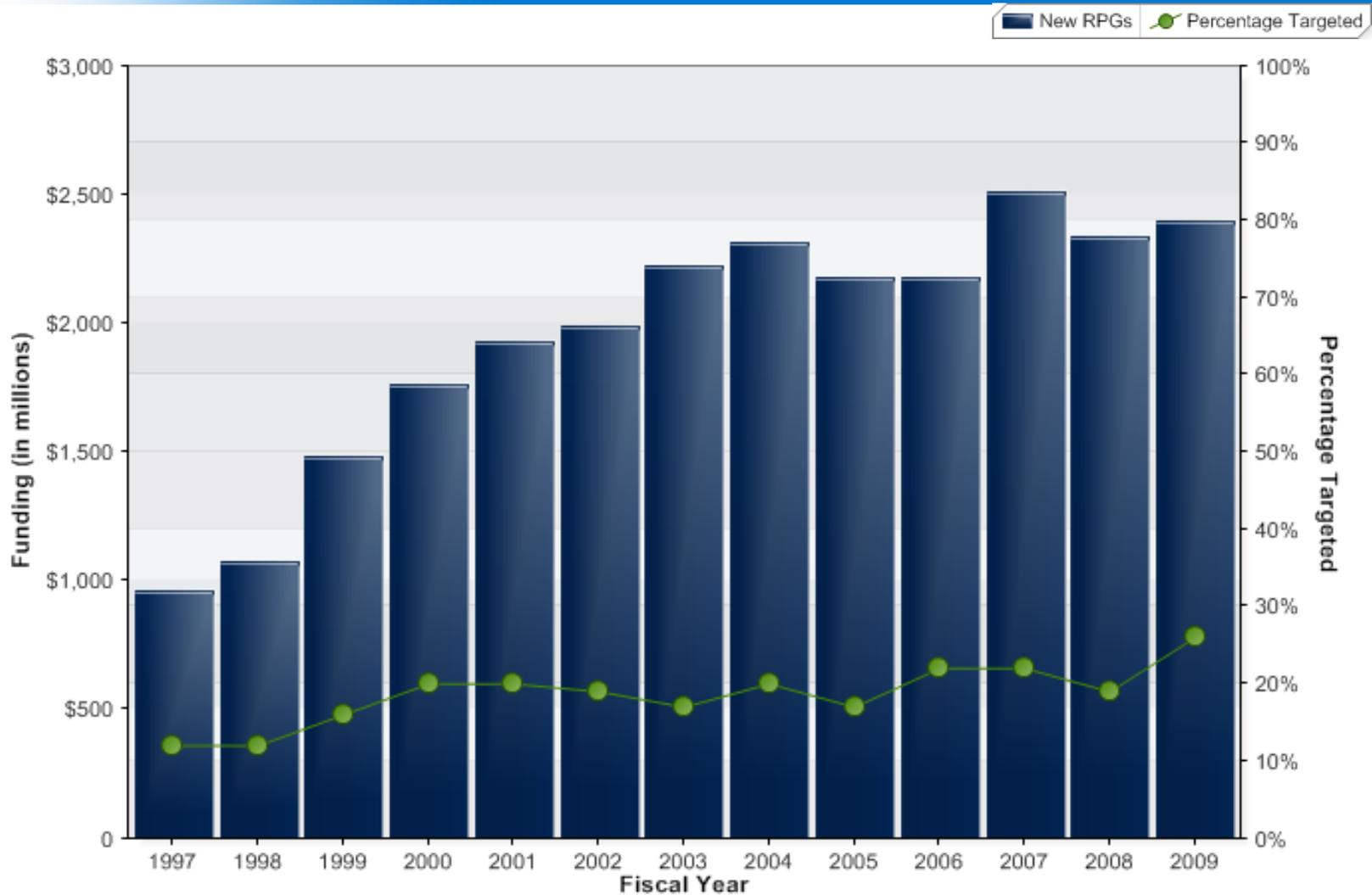
New (type 1) awards and percentage to targeted research





Research Project Grants

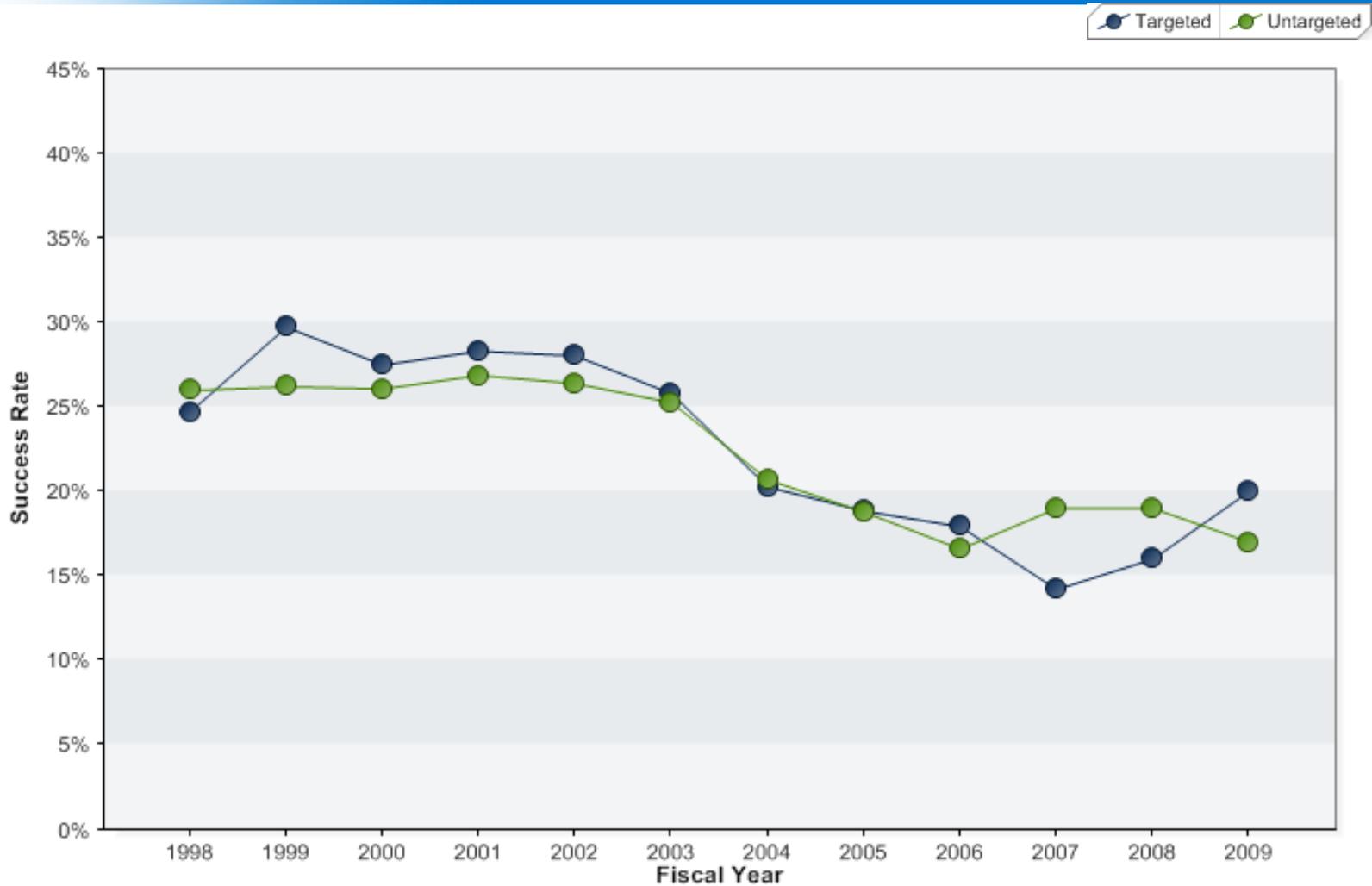
Funding for new (type 1) grants and percentage for targeted research





Research Project Grants

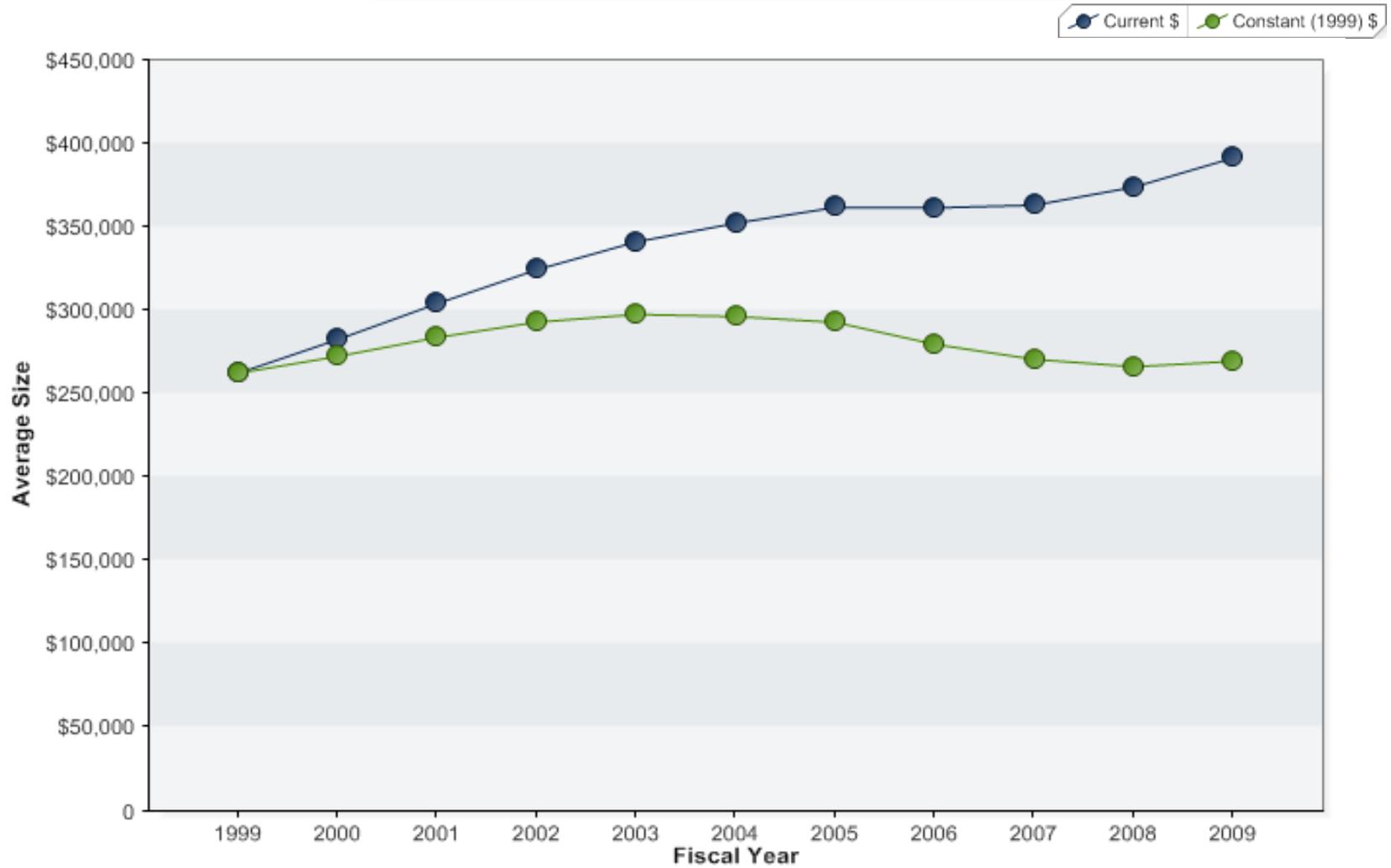
Success rates of new (type 1) applications for targeted and untargeted research





R01-Equivalent grants

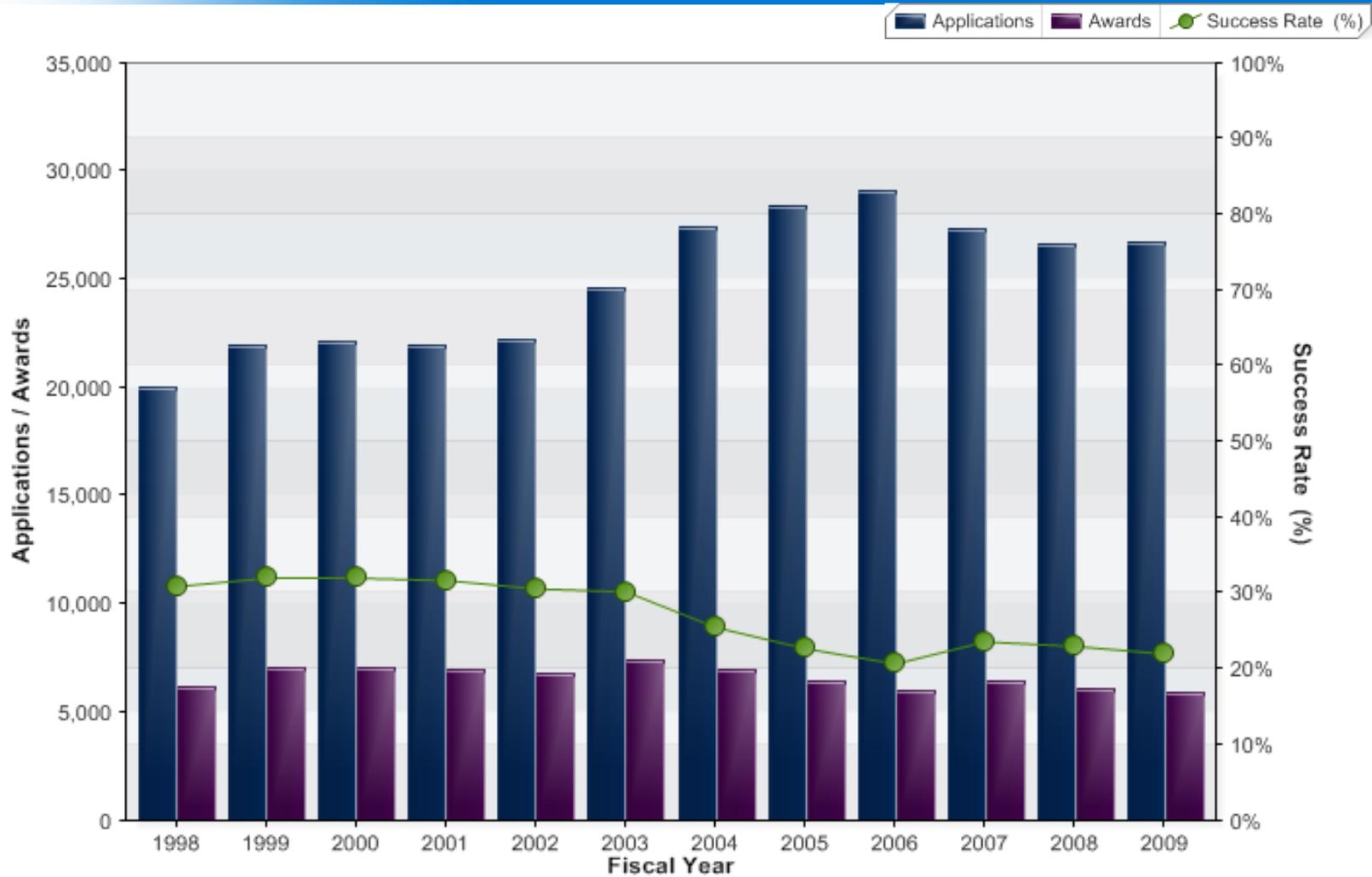
Average size





R01-Equivalent grants

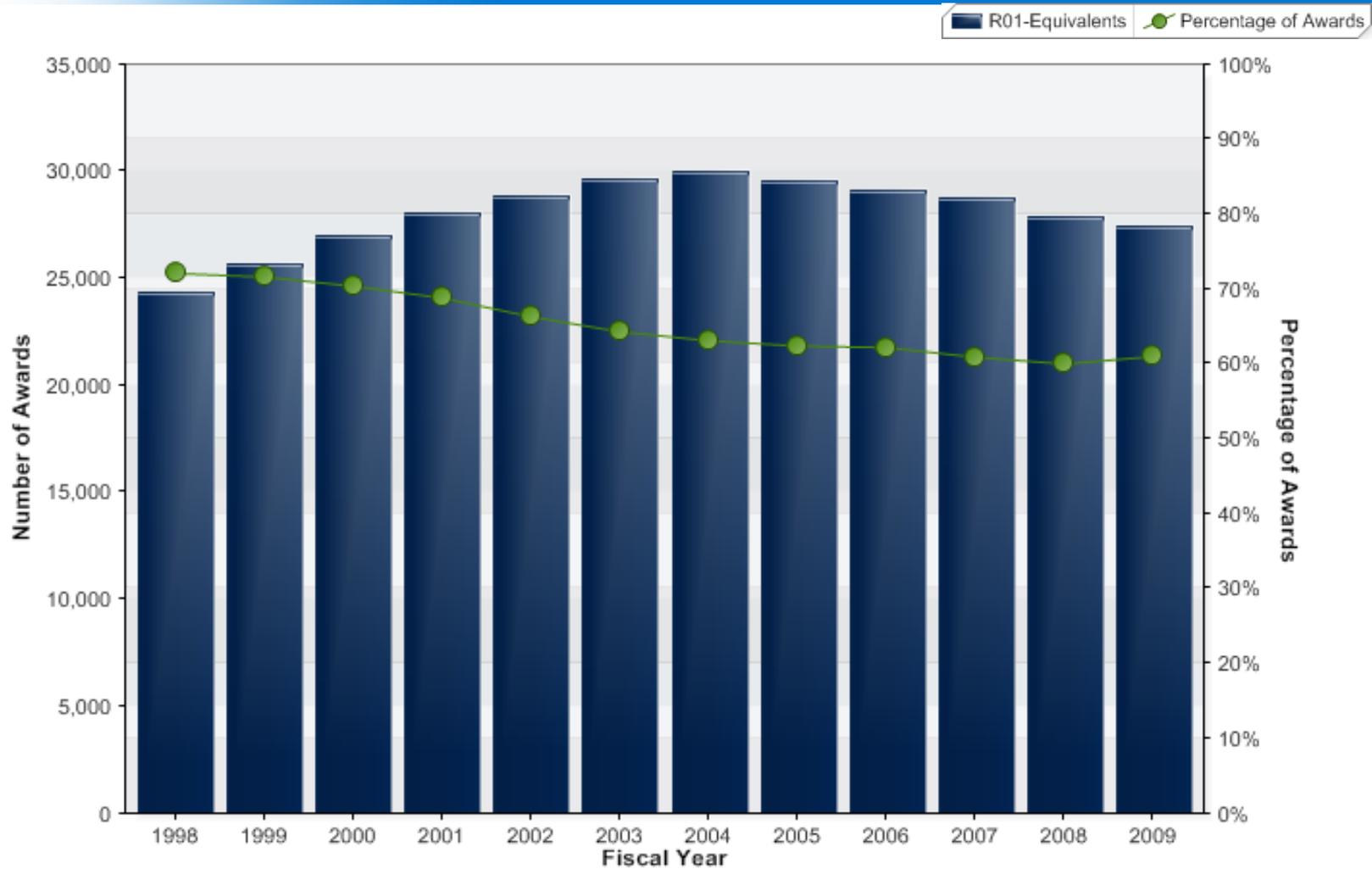
Applications, awards, and success rates





R01-Equivalent grants

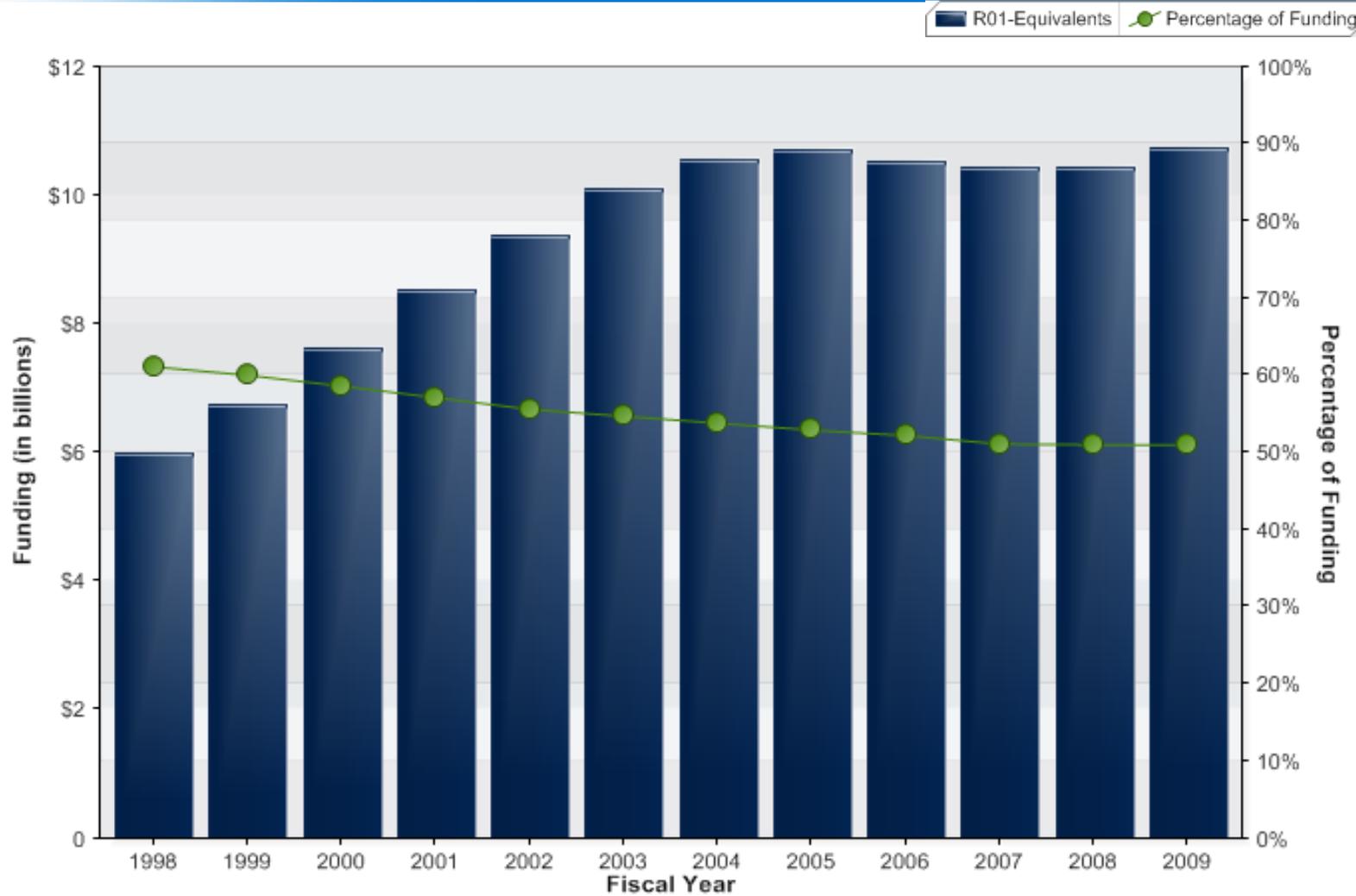
Awards as a percentage of all research grants





R01-Equivalent grants

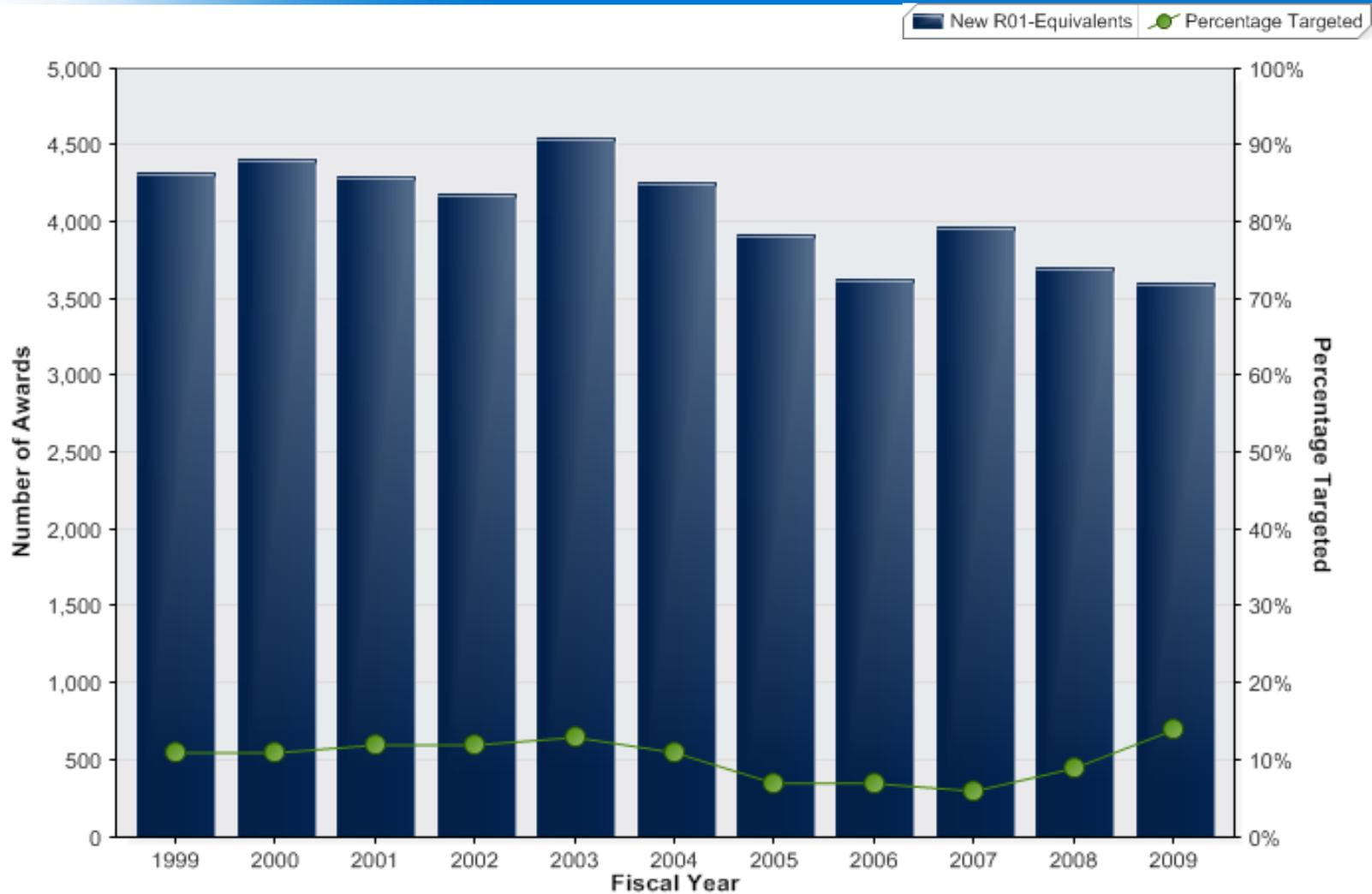
Funding as a percentage of all research grant funding





R01-Equivalent grants

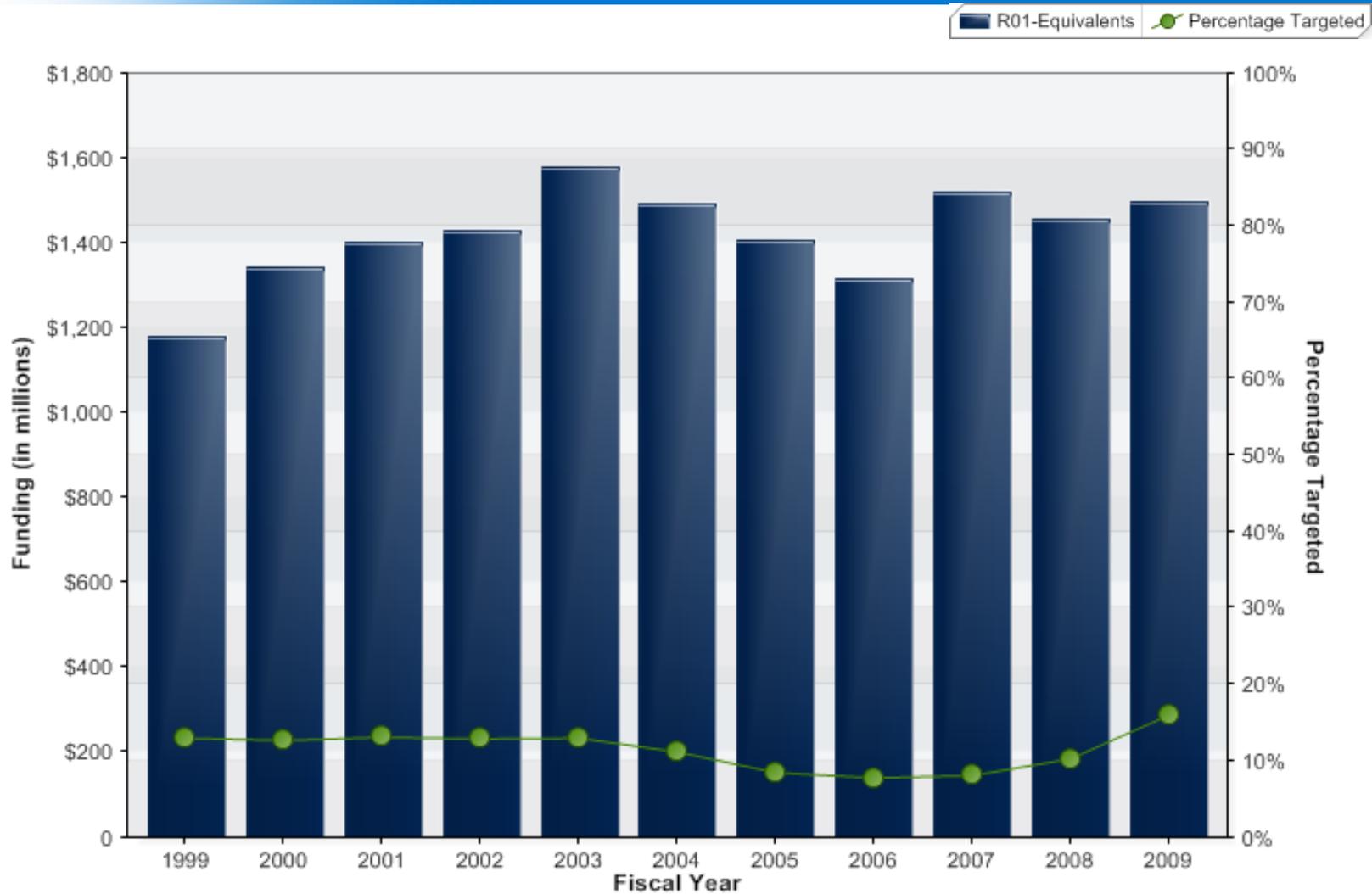
New (type 1) awards and percentage to targeted research





R01-Equivalent grants

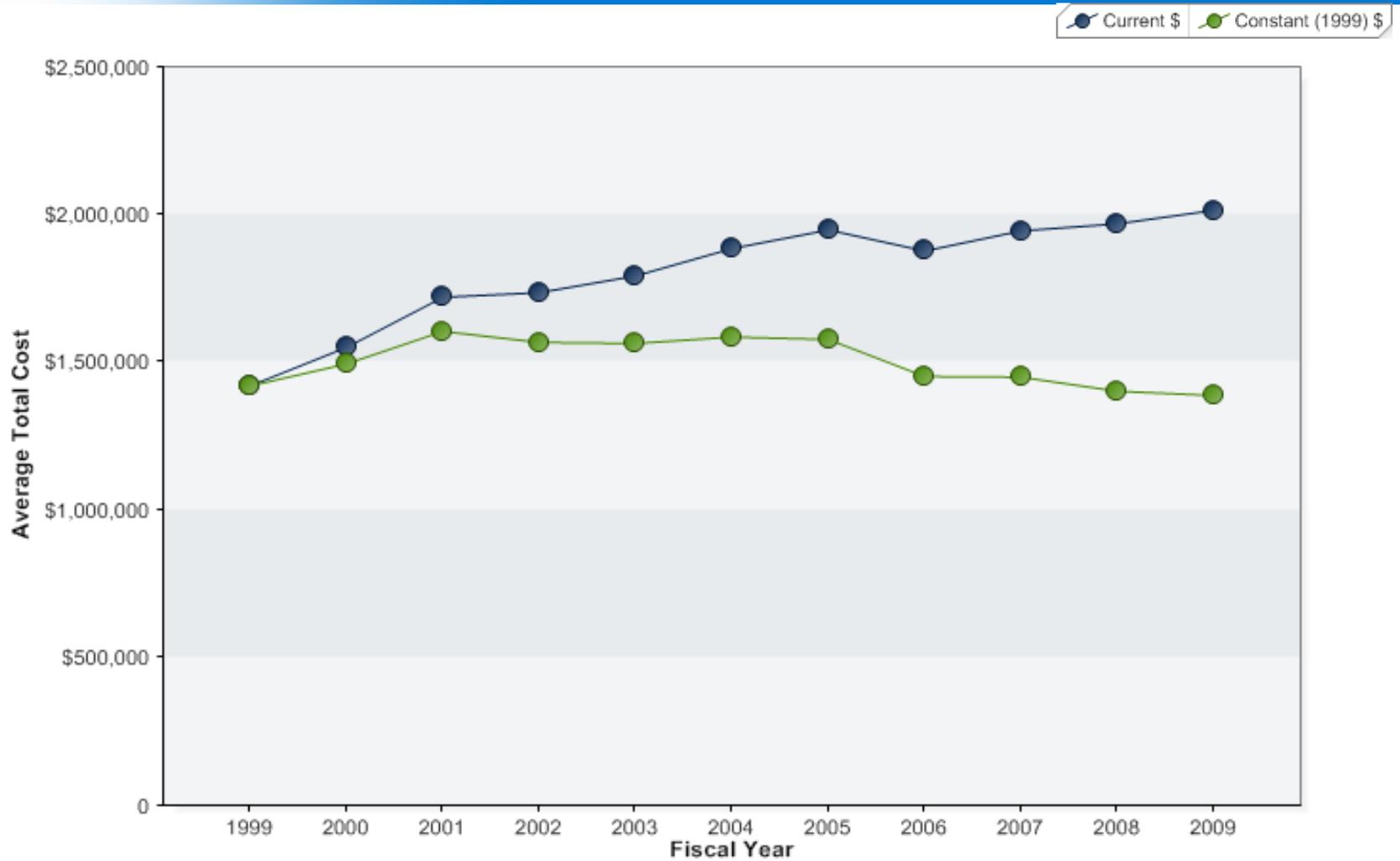
Funding for new (type 1) awards and percentage for targeted research





Research Center grants

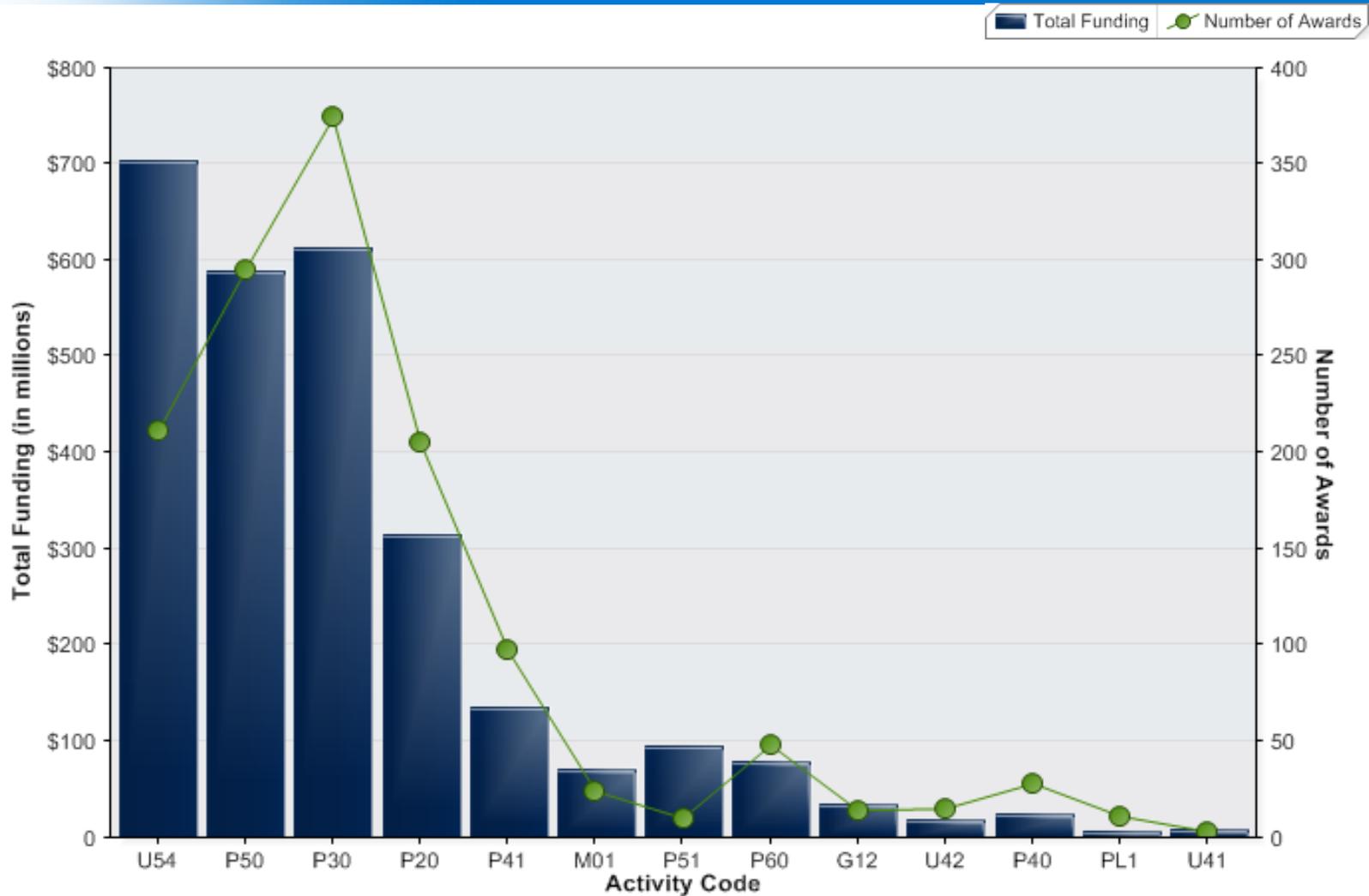
Average size





Research Center grants

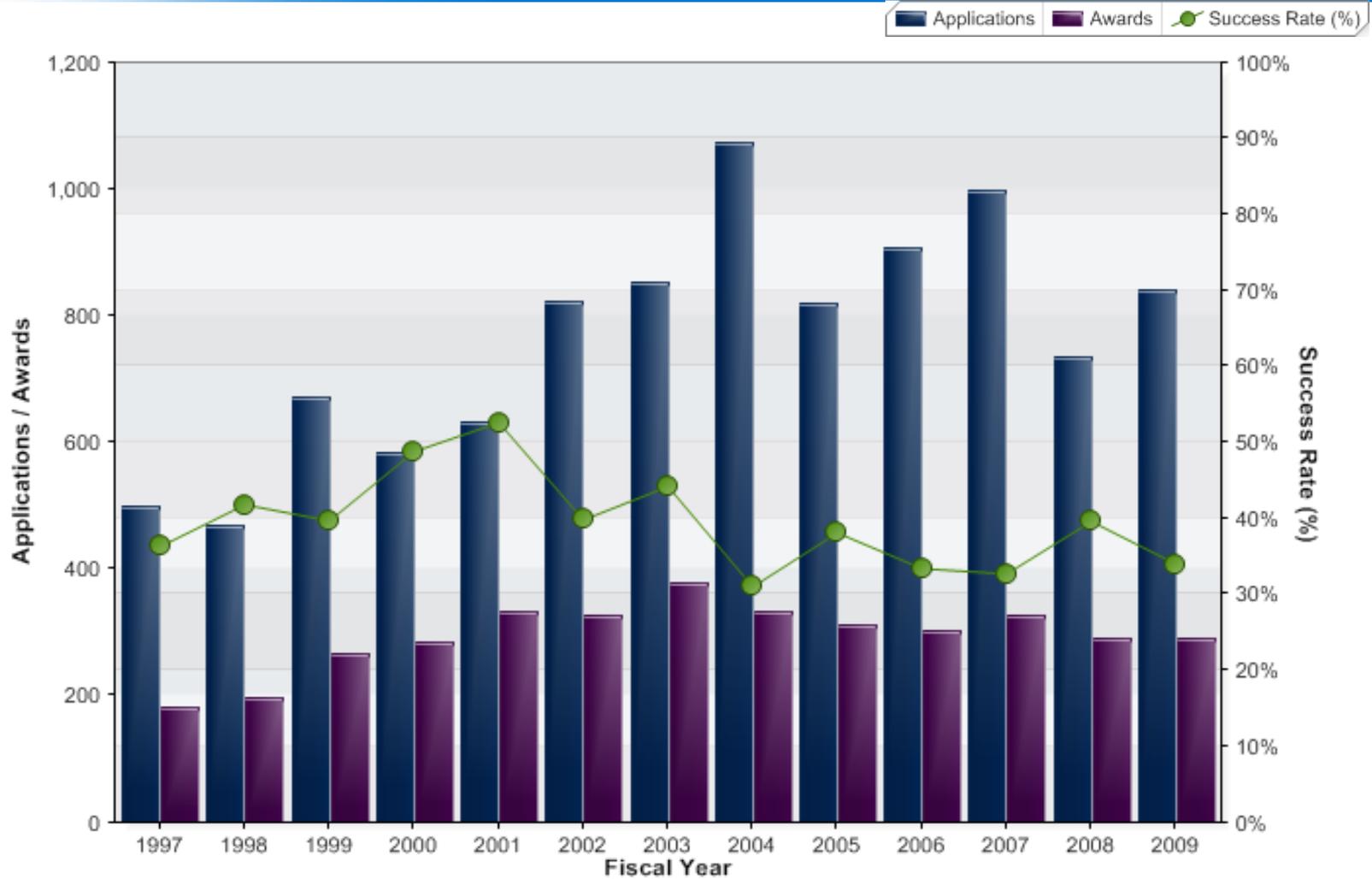
Funding and number of awards, by activity, FY 2009





Research Center grants

Applications, awards, and success rates





SMALL BUSINESS RESEARCH (SBIR/STTR)



SBIR and STTR grants and contracts

Funding by Institute / Center

(\$ Thousands)

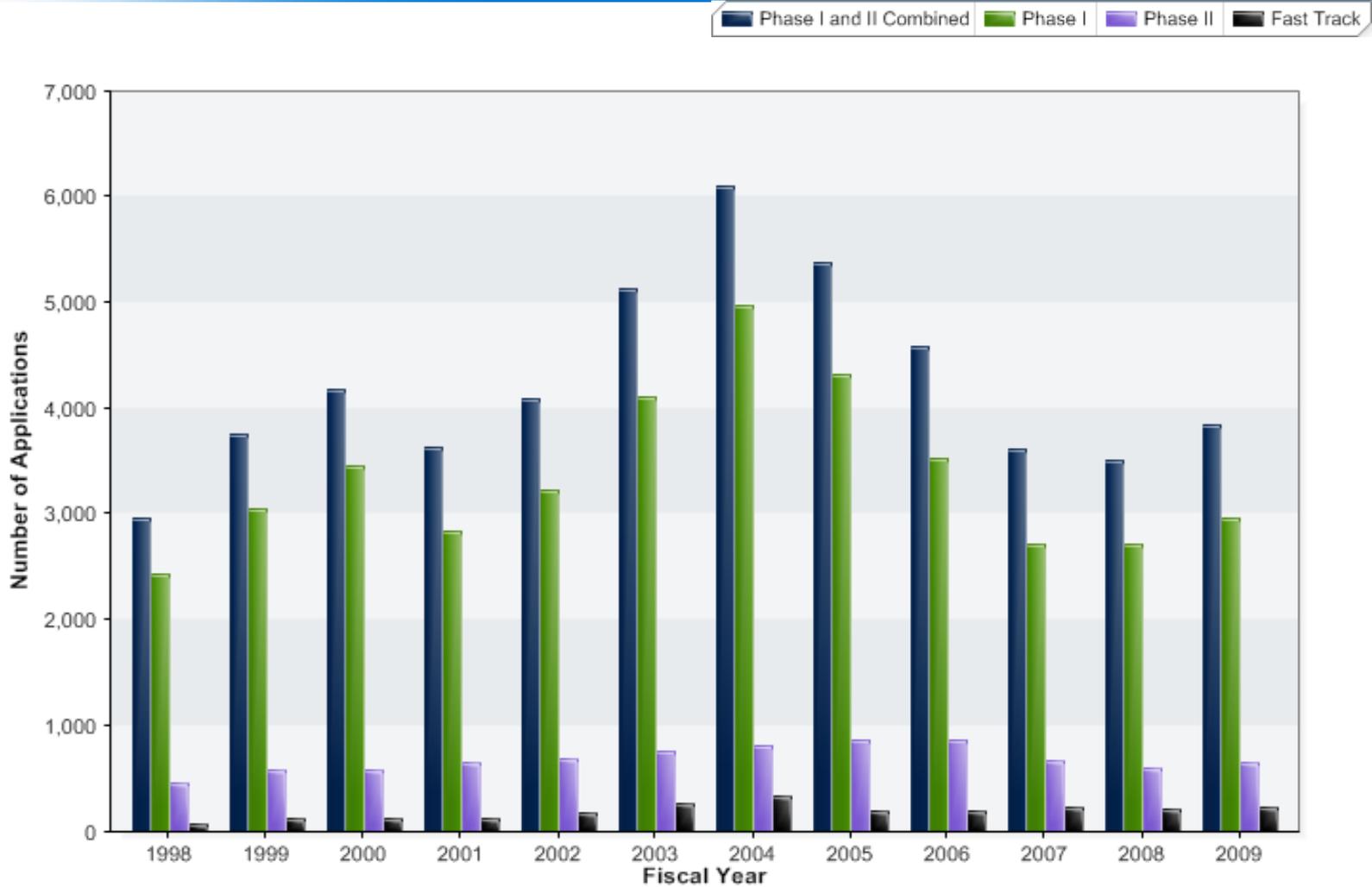
Institute / Center	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
NCCAM						\$195	\$1,889	\$2,540	\$2,448	\$2,543	\$2,683	\$2,765	\$2,709	\$2,767	\$2,743
NCI	\$22,773	\$32,485	\$35,643	\$47,156	\$51,207	\$57,917	\$67,090	\$75,833	\$86,366	\$90,857	\$99,579	\$97,775	\$96,055	\$93,677	\$105,196
NCMHD								\$0	\$4,071	\$4,753	\$5,282	\$5,361	\$5,196	\$5,408	\$5,747
NCRR	\$4,183	\$6,028	\$7,002	\$9,389	\$10,240	\$12,058	\$14,028	\$18,365	\$21,889	\$24,645	\$27,078	\$27,742	\$28,356	\$28,914	\$30,268
NEI	\$3,911	\$5,417	\$5,723	\$7,552	\$8,571	\$9,142	\$10,549	\$12,096	\$13,519	\$15,225	\$16,031	\$16,265	\$16,303	\$18,980	\$16,268
NHGRI	\$1,553	\$2,180	\$2,560	\$3,671	\$4,319	\$5,431	\$6,970	\$8,030	\$8,851	\$9,487	\$10,228	\$10,281	\$10,225	\$10,448	\$10,416
NHLBI	\$16,753	\$23,749	\$25,588	\$32,830	\$35,378	\$41,519	\$47,478	\$54,934	\$60,841	\$66,251	\$71,530	\$74,240	\$72,460	\$73,515	\$78,385
NIA	\$5,594	\$7,627	\$8,029	\$10,841	\$11,731	\$12,988	\$15,006	\$18,050	\$20,220	\$22,525	\$24,535	\$25,115	\$24,977	\$25,365	\$25,228
NIAAA	\$1,393	\$1,300	\$1,940	\$4,300	\$3,685	\$4,282	\$5,331	\$4,735	\$8,207	\$7,593	\$8,749	\$8,770	\$8,625	\$9,890	\$10,136
NIAID	\$13,138	\$18,861	\$20,668	\$27,503	\$29,289	\$35,146	\$40,117	\$45,747	\$60,095	\$69,314	\$97,162	\$101,940	\$99,364	\$110,351	\$101,542
NIAMS	\$2,927	\$4,111	\$4,447	\$5,825	\$6,253	\$6,983	\$7,924	\$9,063	\$9,938	\$10,781	\$11,737	\$11,929	\$11,874	\$12,067	\$12,012
NIBIB									\$9,387	\$11,246	\$9,107	\$8,913	\$7,875	\$7,543	\$7,616
NICHD	\$7,870	\$9,299	\$10,543	\$13,528	\$14,756	\$16,805	\$18,810	\$21,464	\$24,429	\$26,334	\$28,520	\$28,862	\$28,921	\$29,090	\$28,728
NIDA	\$5,086	\$5,537	\$7,055	\$8,008	\$8,622	\$11,124	\$11,467	\$13,524	\$14,728	\$15,351	\$17,400	\$17,500	\$17,108	\$18,147	\$24,080
NIDCD	\$2,704	\$3,411	\$3,351	\$4,306	\$4,623	\$5,389	\$6,103	\$6,890	\$7,689	\$8,351	\$9,107	\$9,317	\$9,716	\$10,096	\$9,648
NIDCR	\$2,223	\$2,781	\$2,899	\$4,076	\$4,271	\$4,205	\$4,846	\$6,119	\$6,751	\$7,671	\$8,281	\$8,375	\$8,575	\$8,520	\$8,402
NIDDK	\$8,012	\$11,986	\$12,973	\$17,048	\$16,448	\$21,294	\$24,770	\$29,052	\$34,320	\$37,615	\$42,796	\$44,840	\$44,721	\$45,339	\$45,504
NIEHS	\$2,131	\$2,571	\$2,969	\$3,006	\$4,069	\$5,091	\$6,783	\$8,129	\$10,910	\$12,272	\$12,944	\$13,309	\$13,050	\$11,217	\$12,631
NIGMS	\$11,163	\$15,654	\$16,859	\$21,988	\$23,660	\$26,371	\$29,804	\$34,477	\$38,213	\$40,943	\$44,488	\$45,454	\$45,370	\$46,477	\$45,920
NIMH	\$6,351	\$9,617	\$10,294	\$13,975	\$15,046	\$17,927	\$20,644	\$22,879	\$22,196	\$21,490	\$25,431	\$25,976	\$27,235	\$28,655	\$32,312
NINDS	\$7,348	\$9,586	\$9,171	\$13,138	\$14,967	\$18,789	\$20,585	\$23,714	\$28,900	\$32,623	\$35,902	\$37,157	\$37,017	\$37,675	\$37,828
NINR	\$641	\$912	\$998	\$1,358	\$1,461	\$1,589	\$2,051	\$2,403	\$2,715	\$2,968	\$3,214	\$3,297	\$3,297	\$3,295	\$3,276
NLM														\$1,116	\$979





SBIR grants

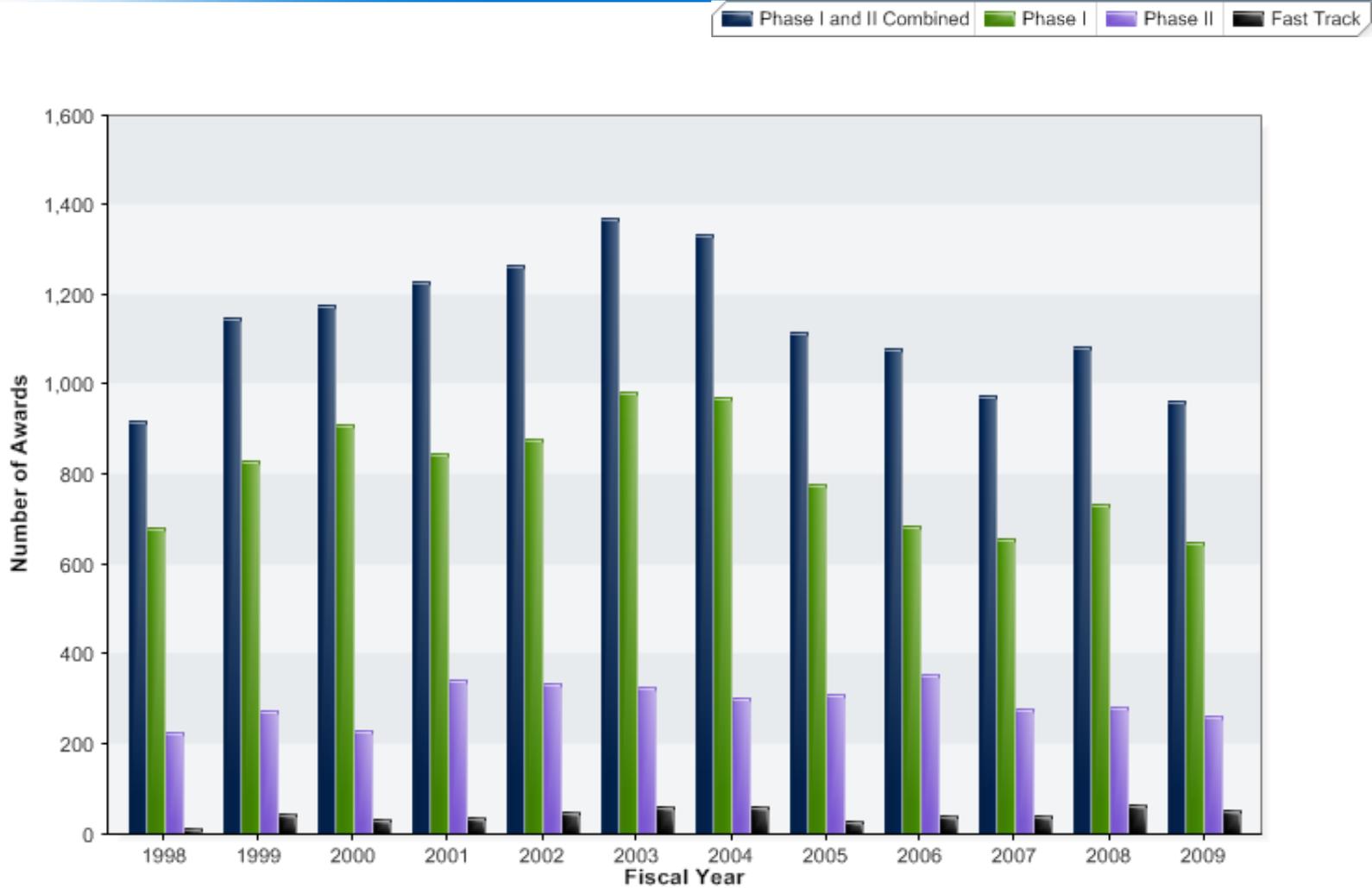
Competing applications, by phase





SBIR grants

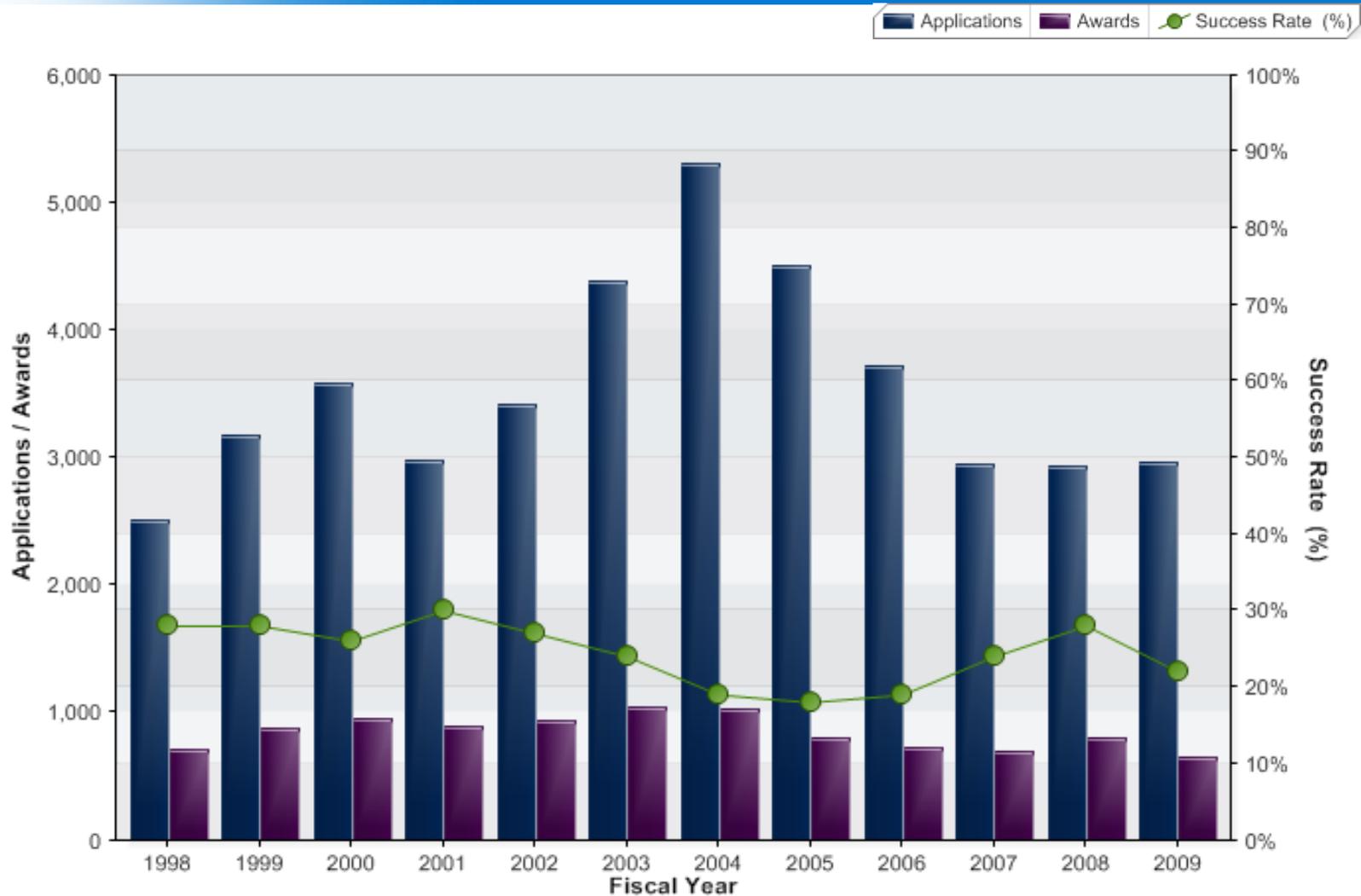
Competing awards, by phase





SBIR grants

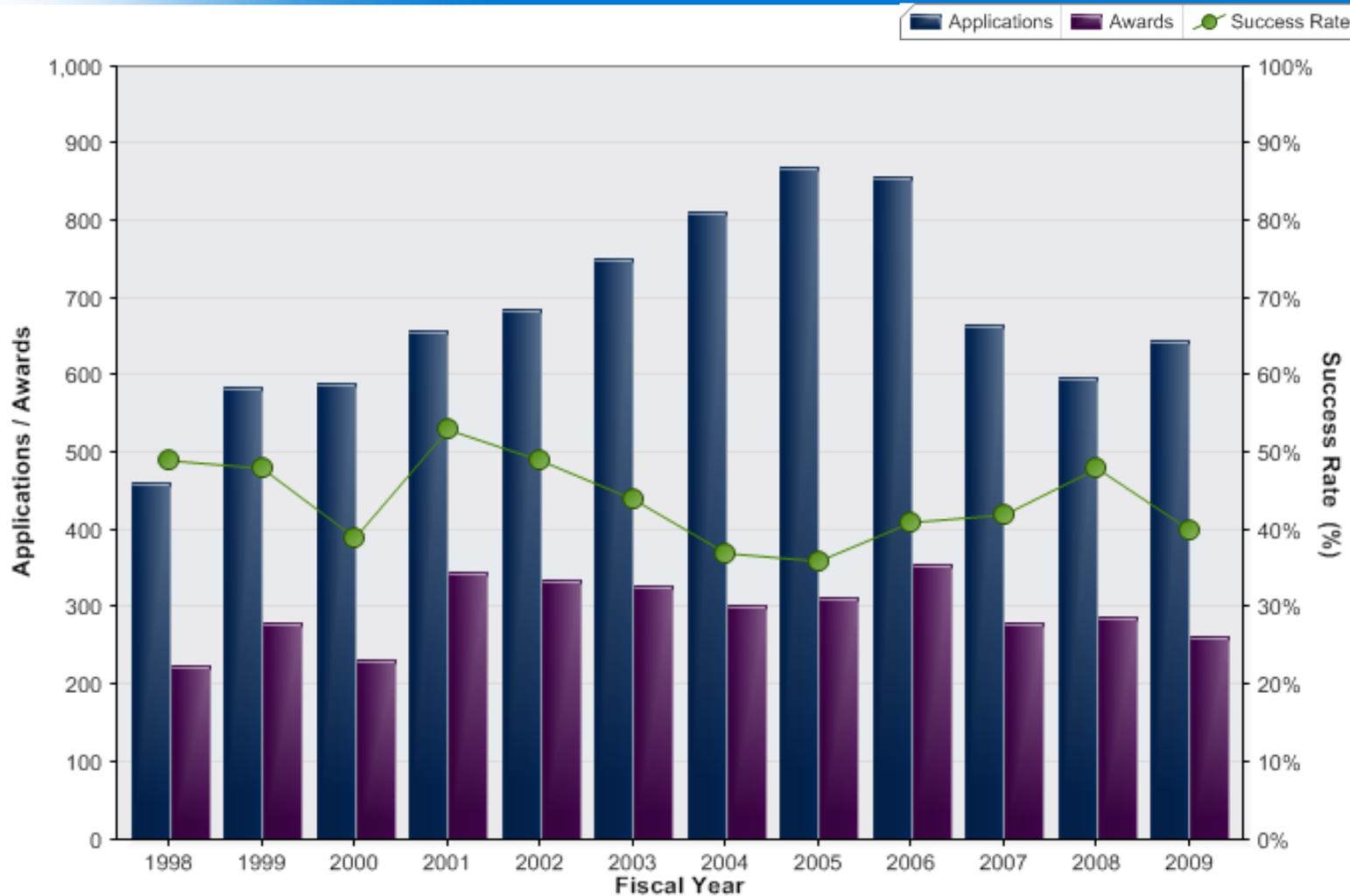
Phase I Applications, awards and success rates





SBIR grants

Phase II Applications, awards and success rates

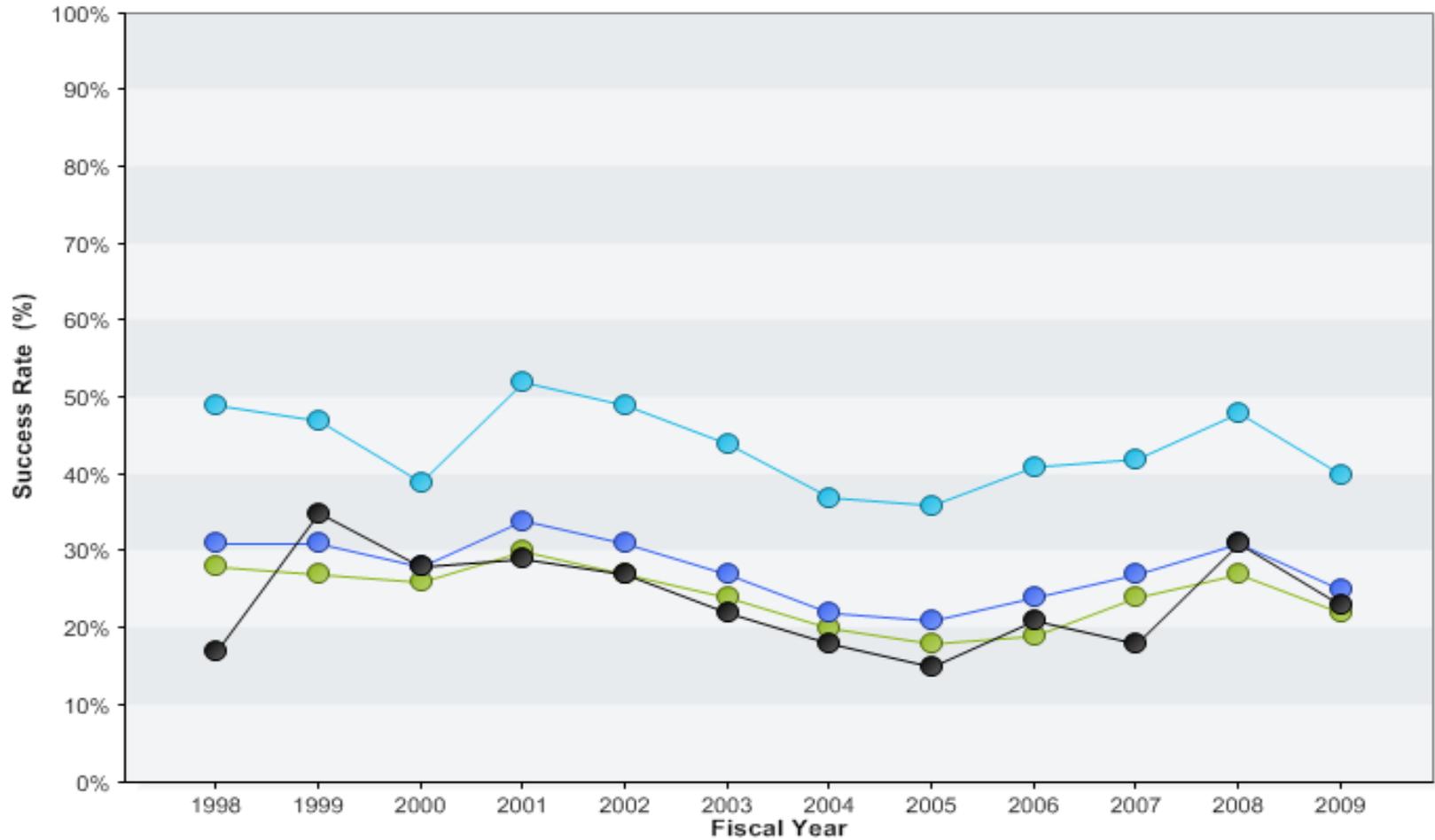




SBIR grants

Success rates by phase

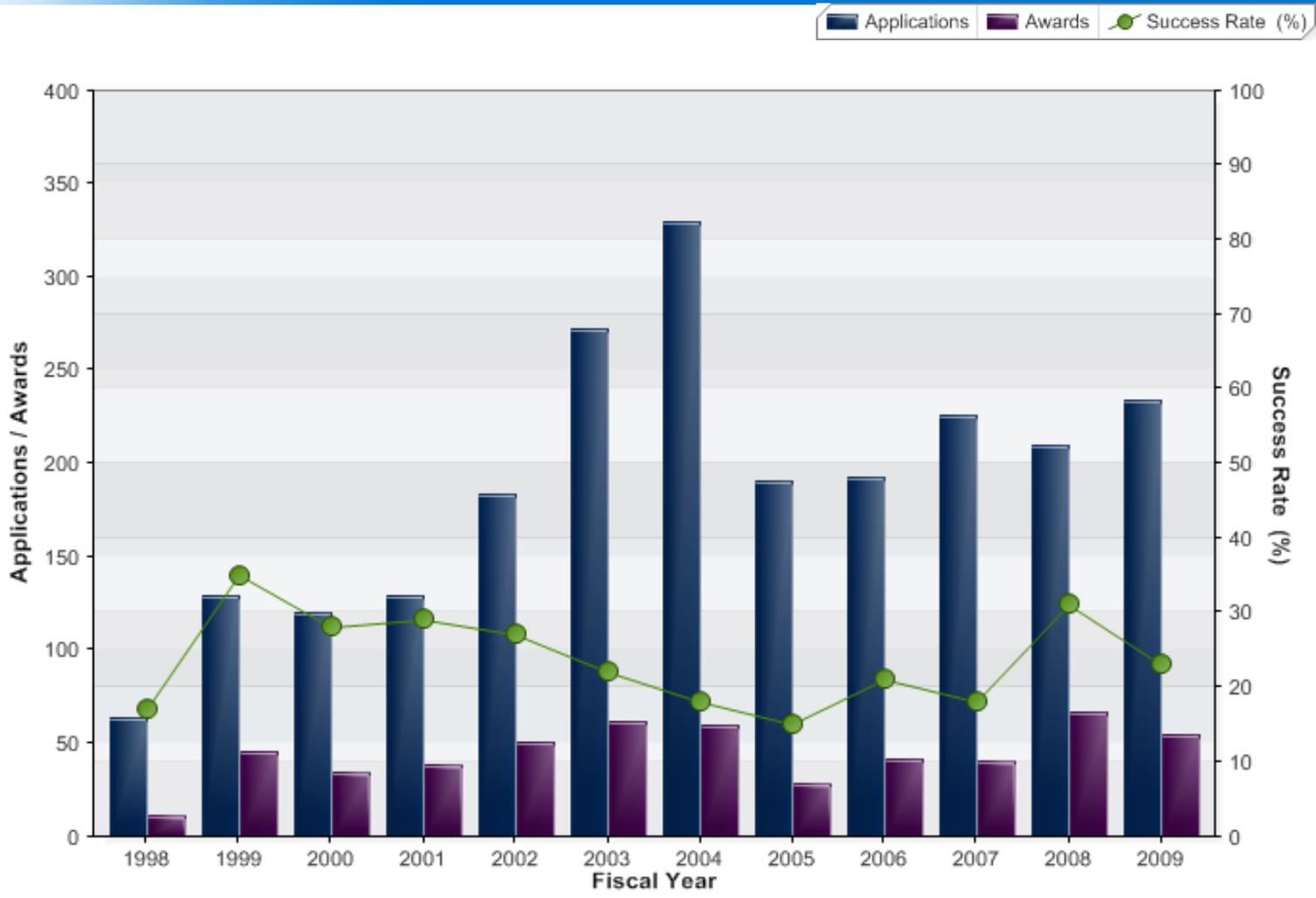
Phase I SBIR Phase II SBIR Phase I and Phase II Combined Fast Track





Fast Track SBIR grants

Applications, awards and success rates



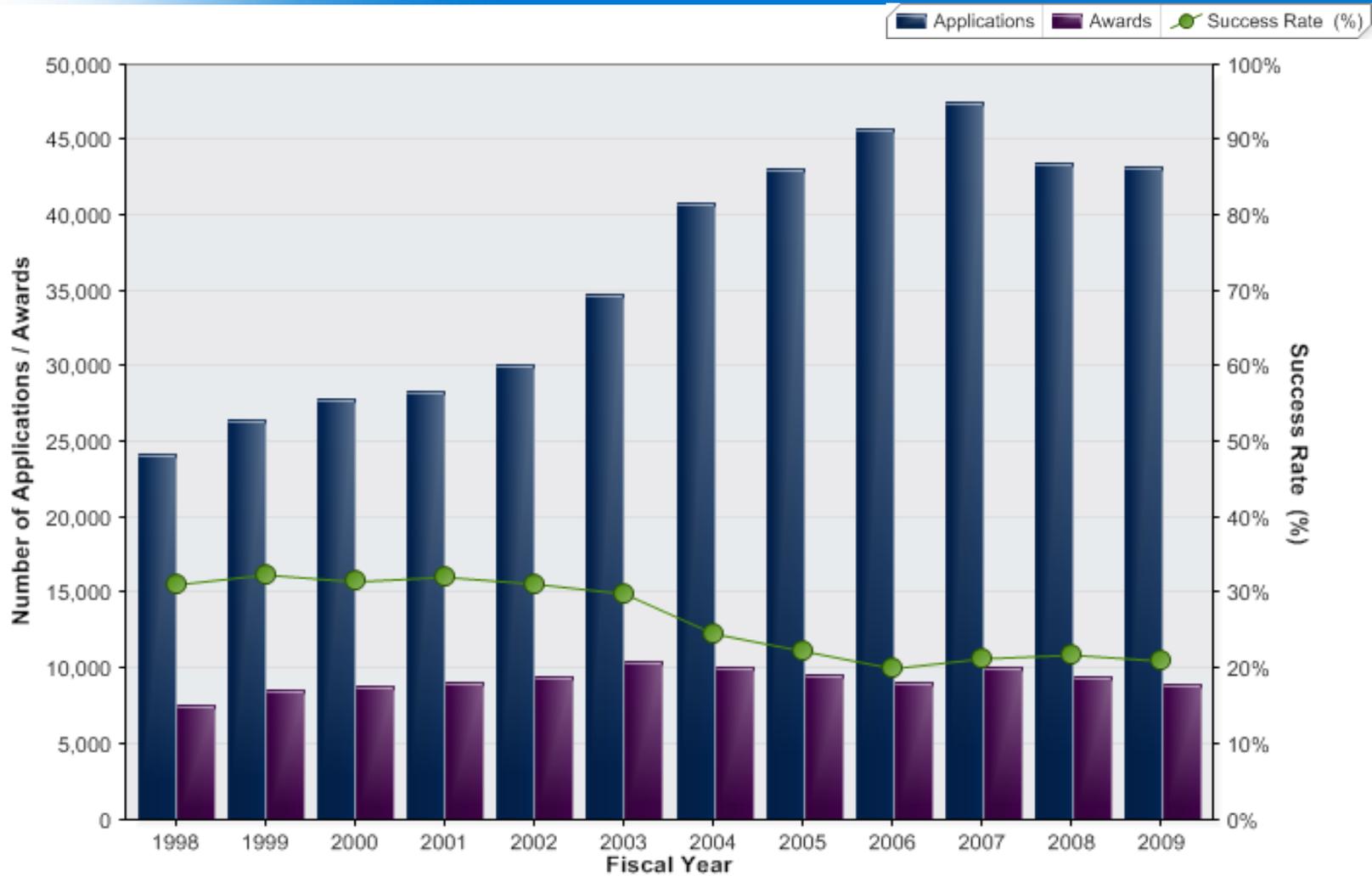


SUCCESS RATES AND FUNDING RATES



Research Project Grants

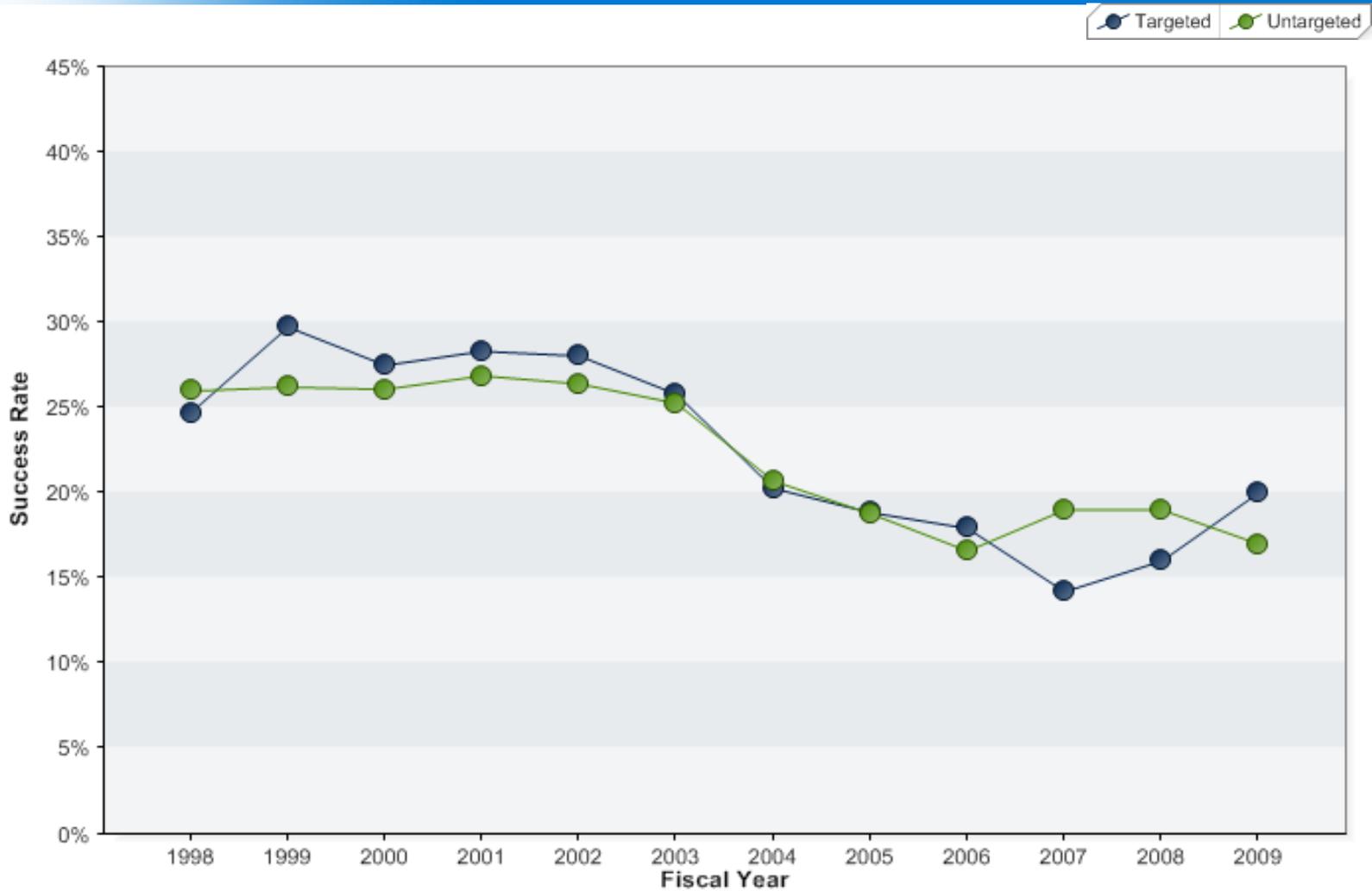
Applications, awards, and success rates





Research Project Grants

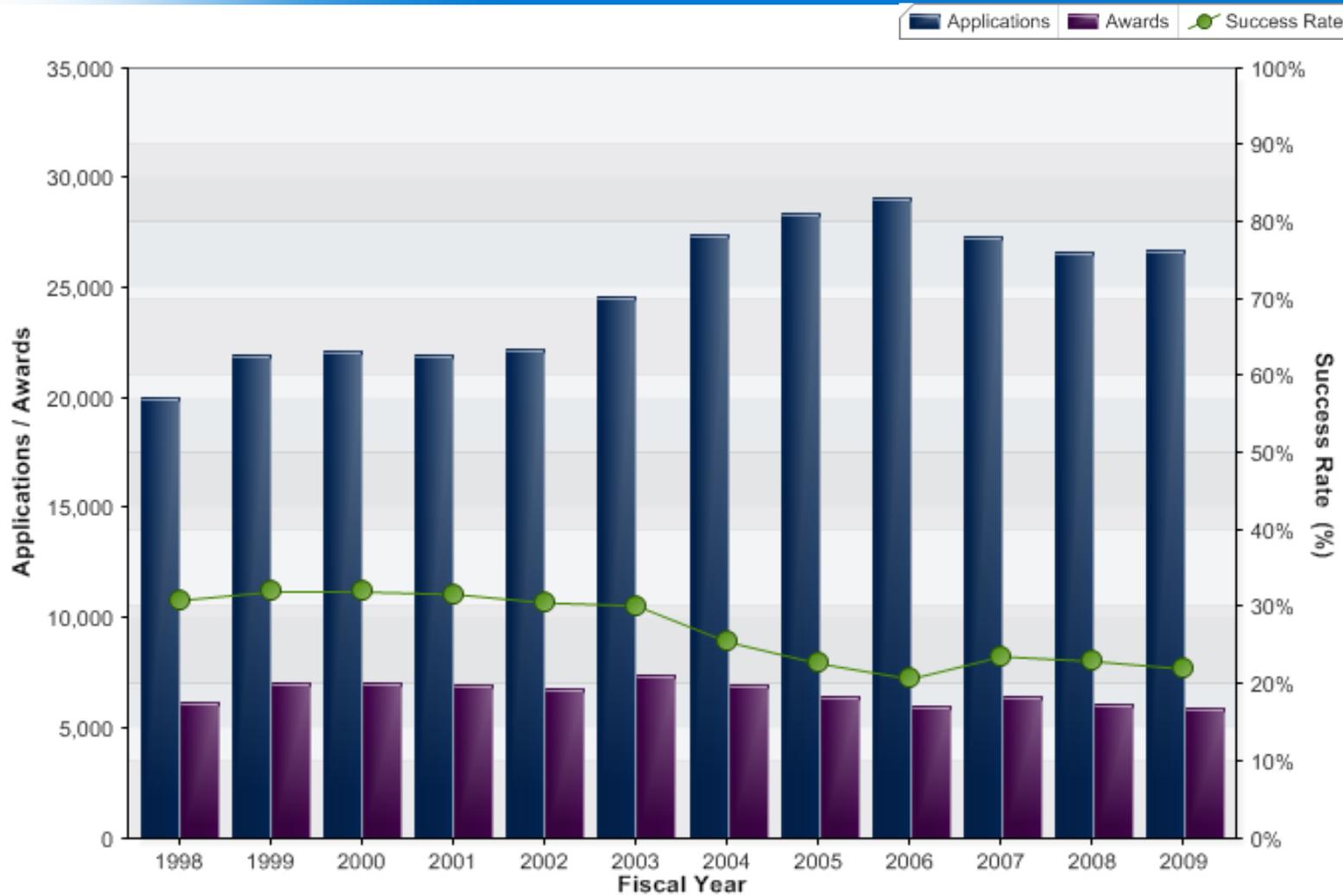
Success rates of new (type 1) applications for targeted and untargeted research





R01-Equivalent grants

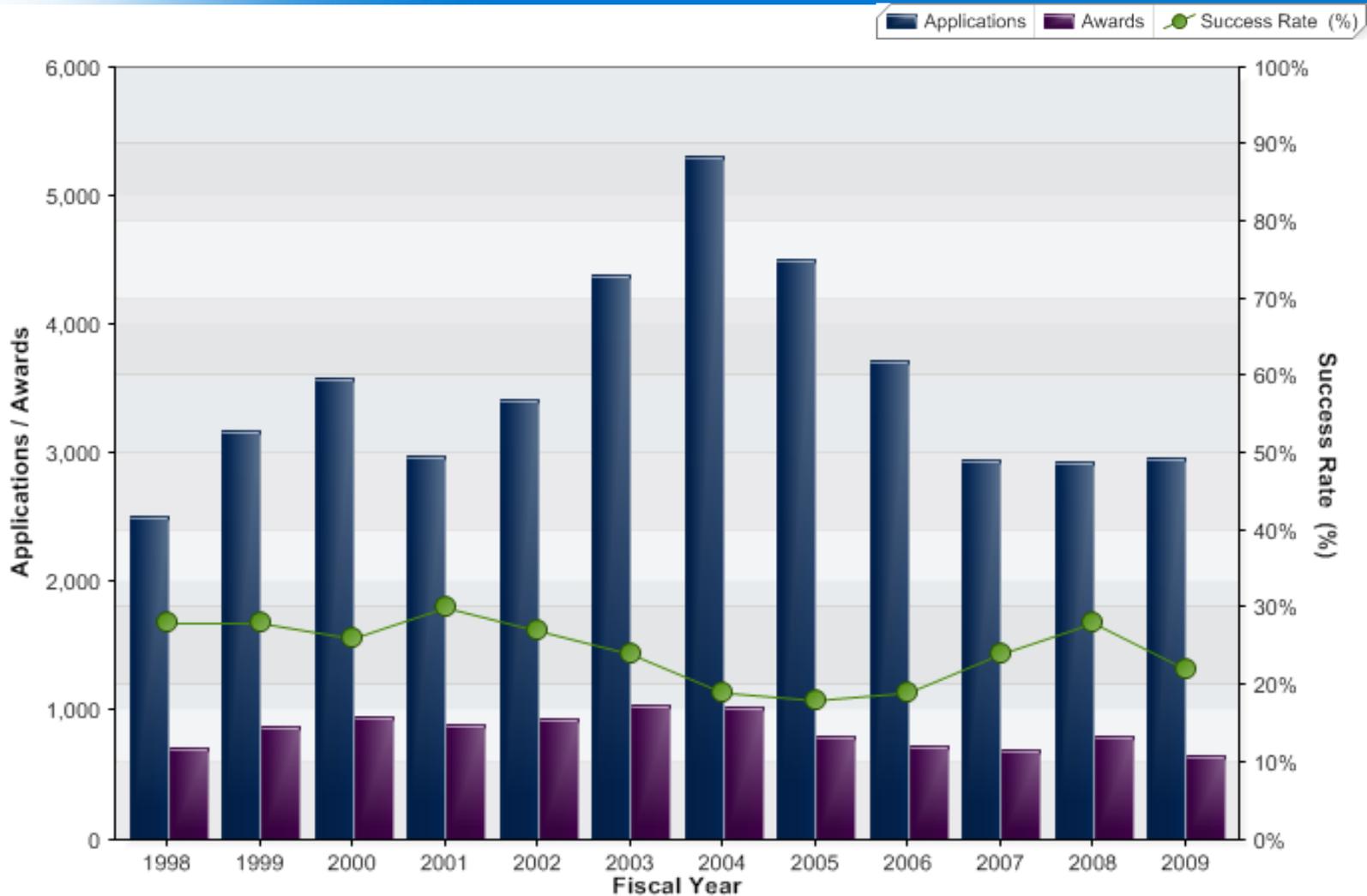
Applications, awards, and success rates





SBIR grants, Phase I

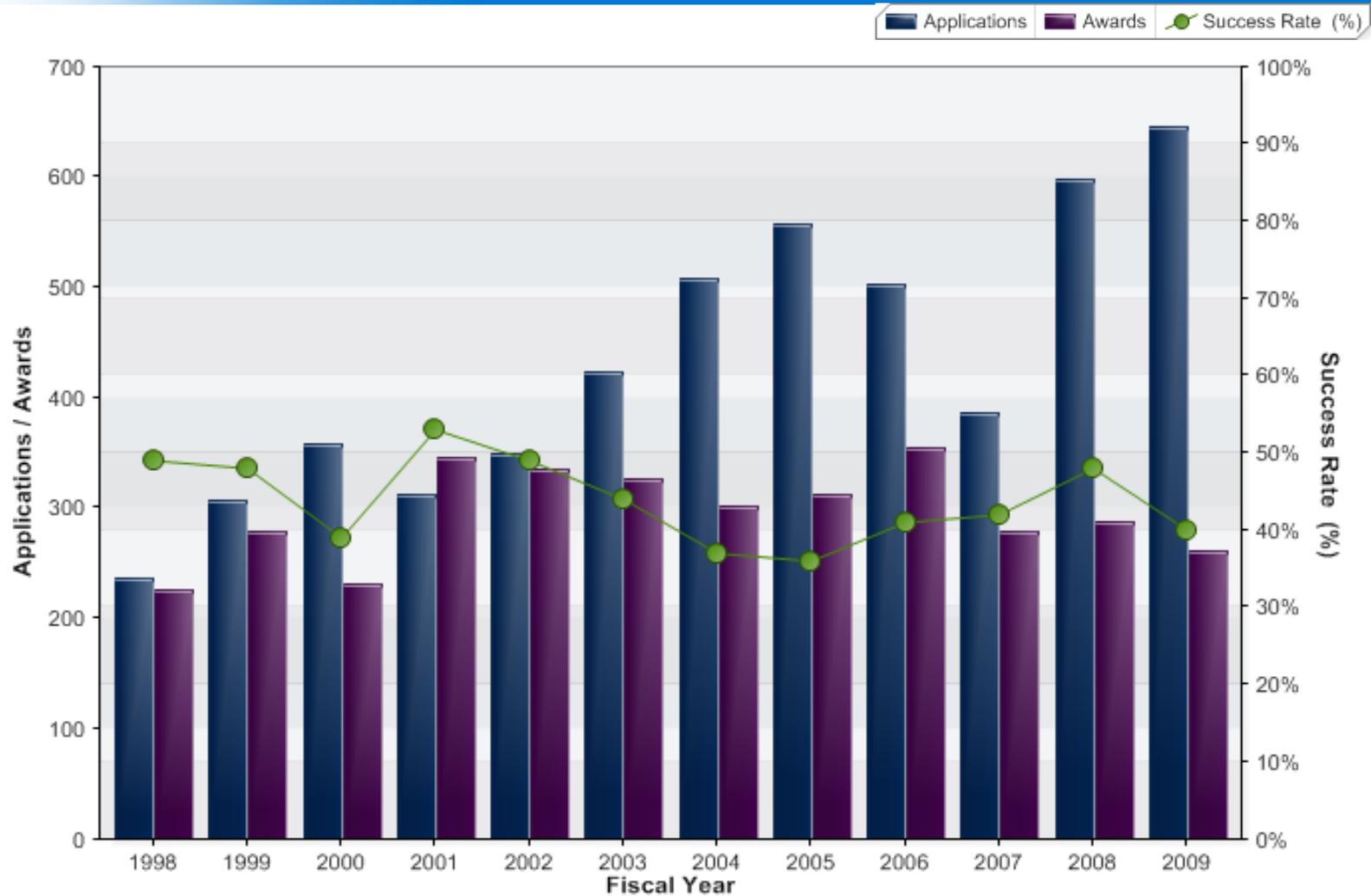
Applications, awards and success rates





SBIR grants, Phase II

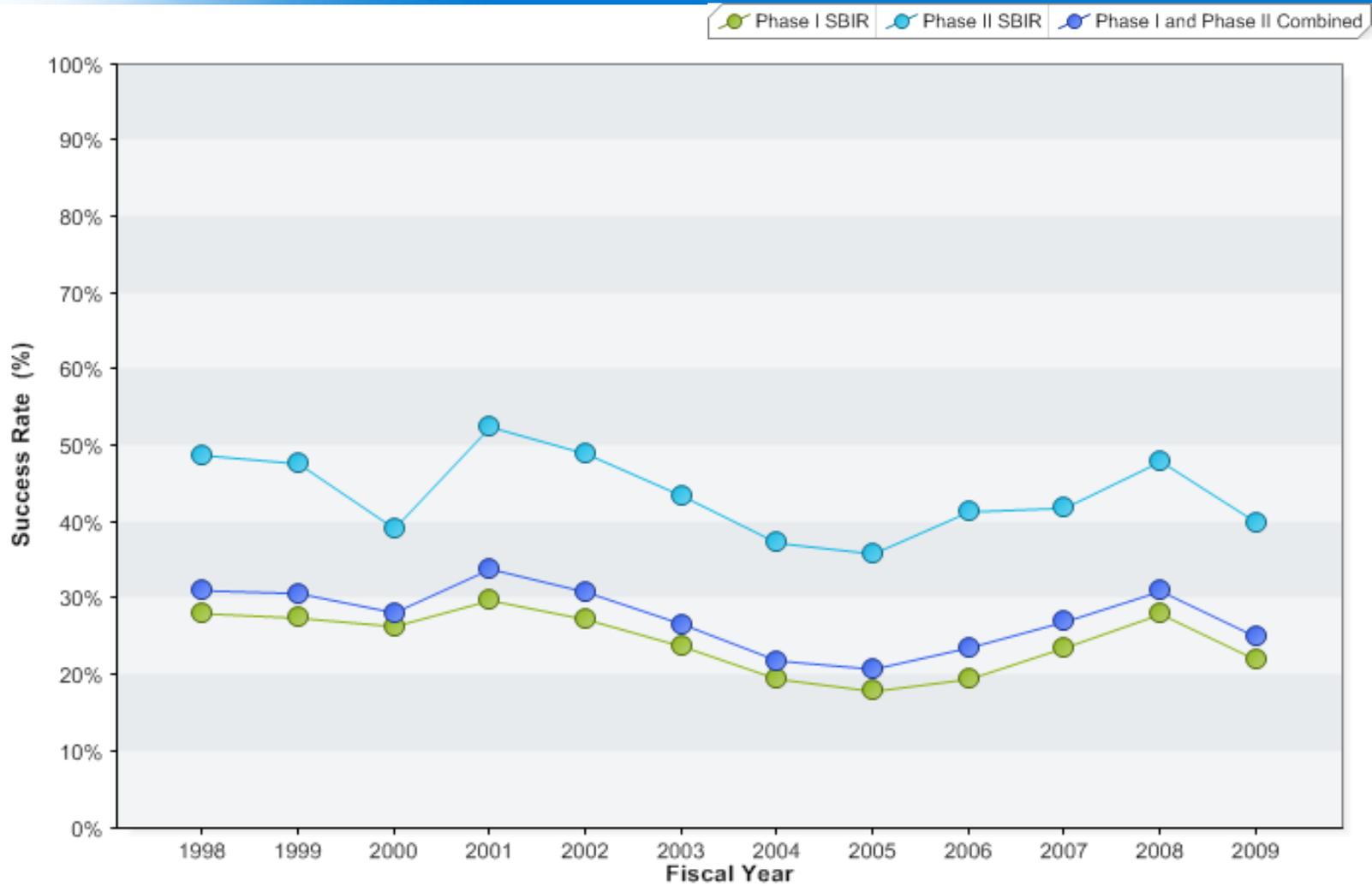
Applications, awards and success rates





SBIR grants

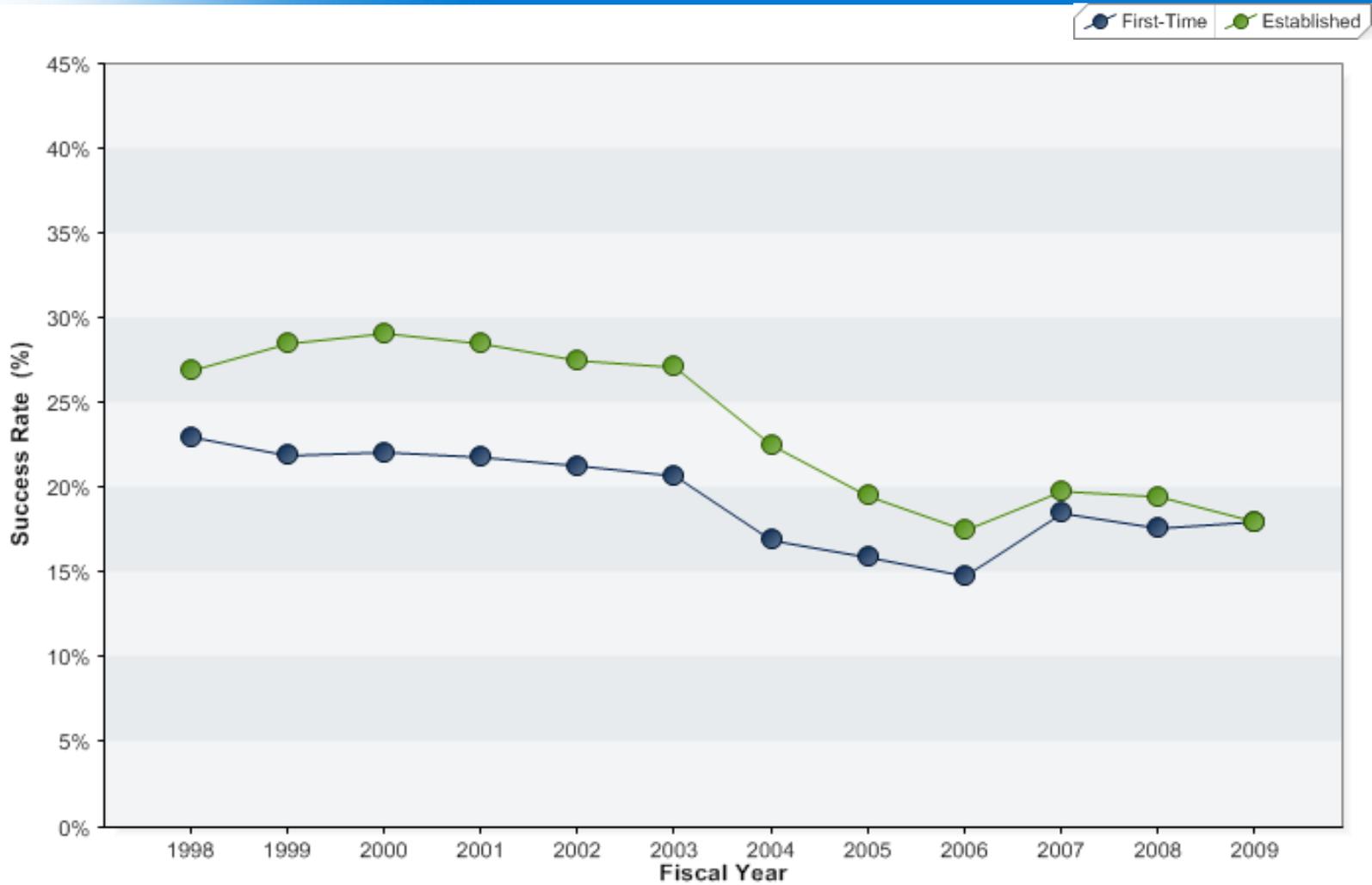
Success rates by phase





R01-Equivalent grants

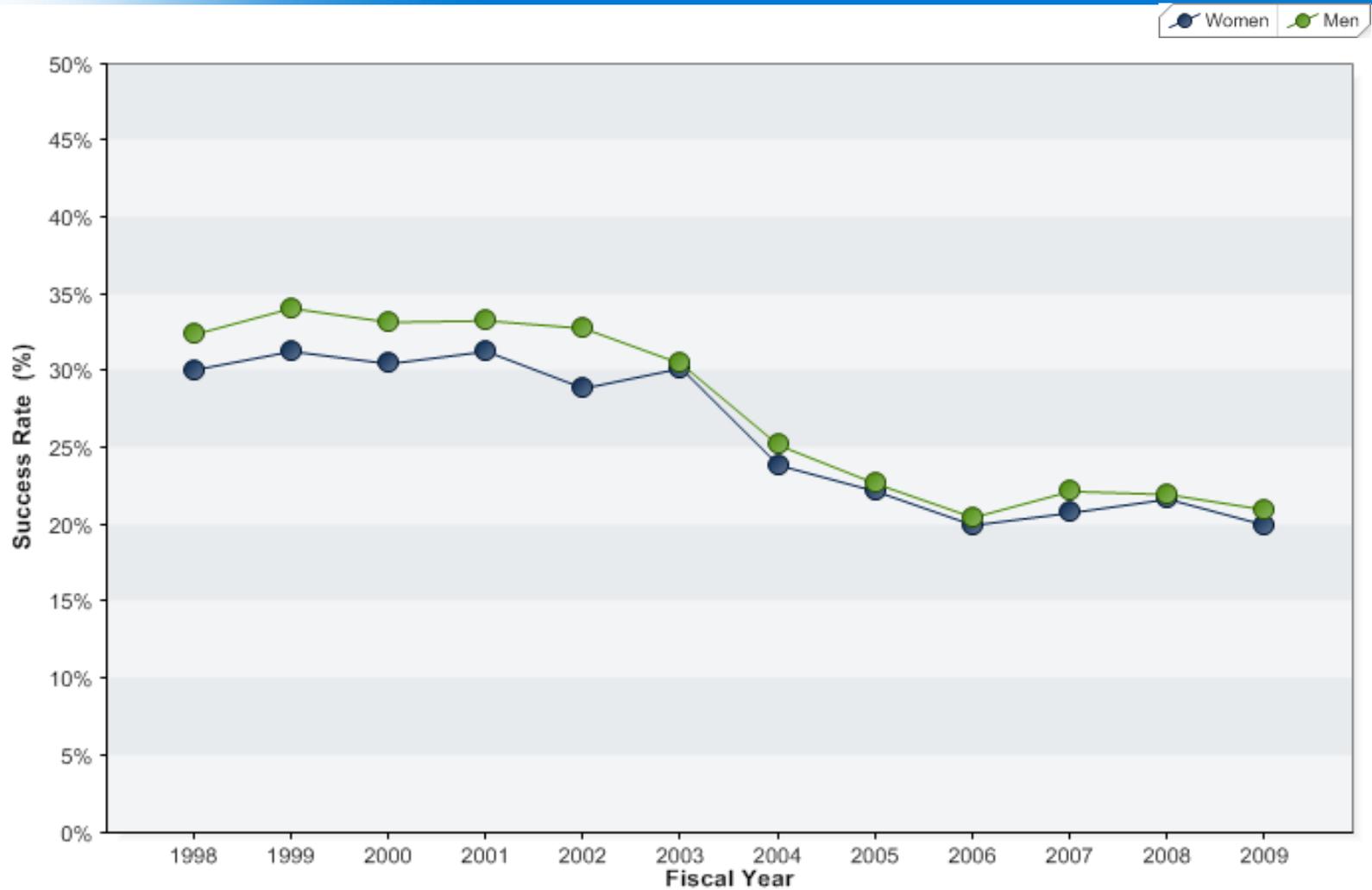
New (Type 1) Success rates, by career stage of investigator





Research Project Grants

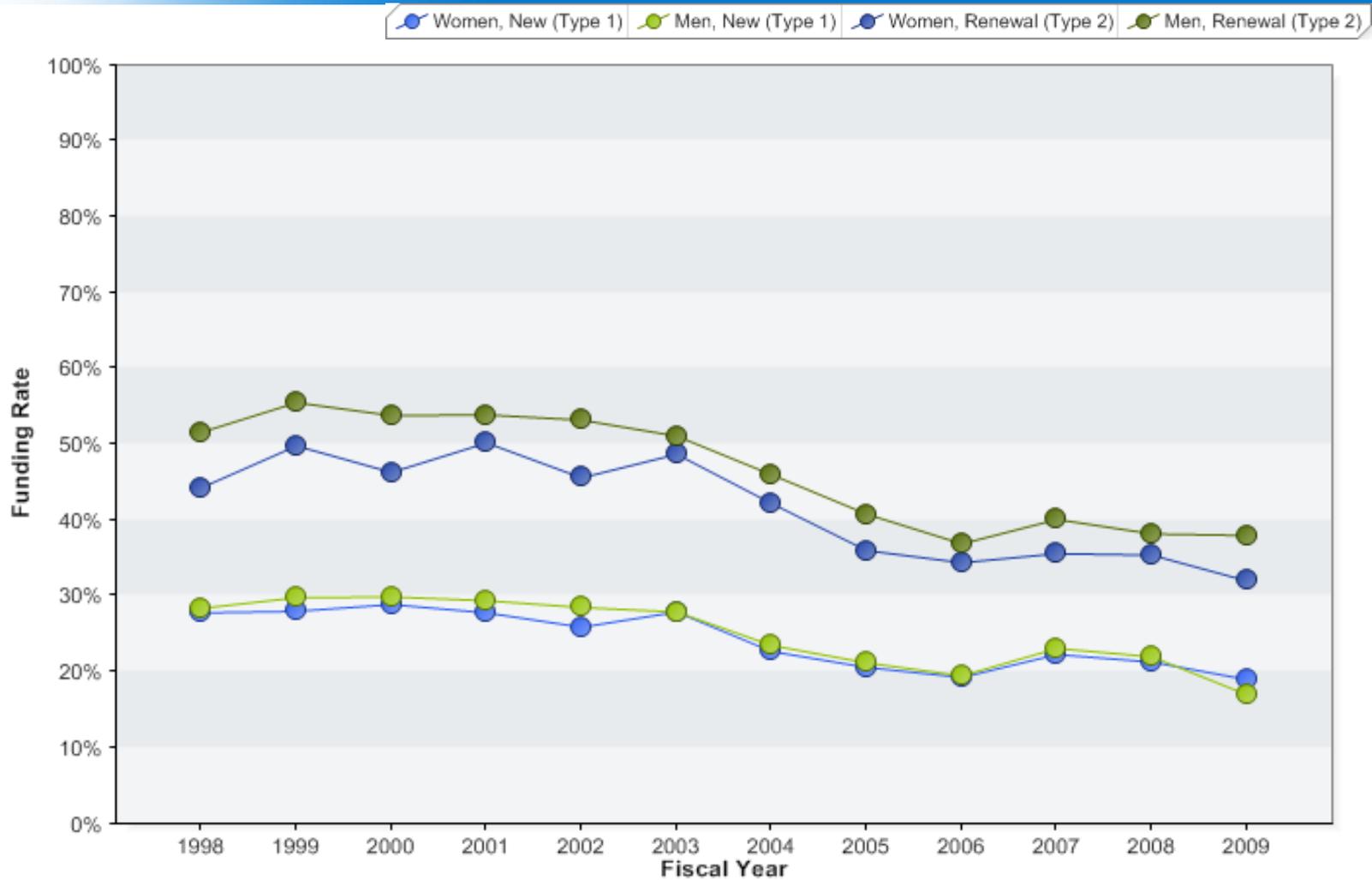
Success rates, by gender





R01-Equivalent grants

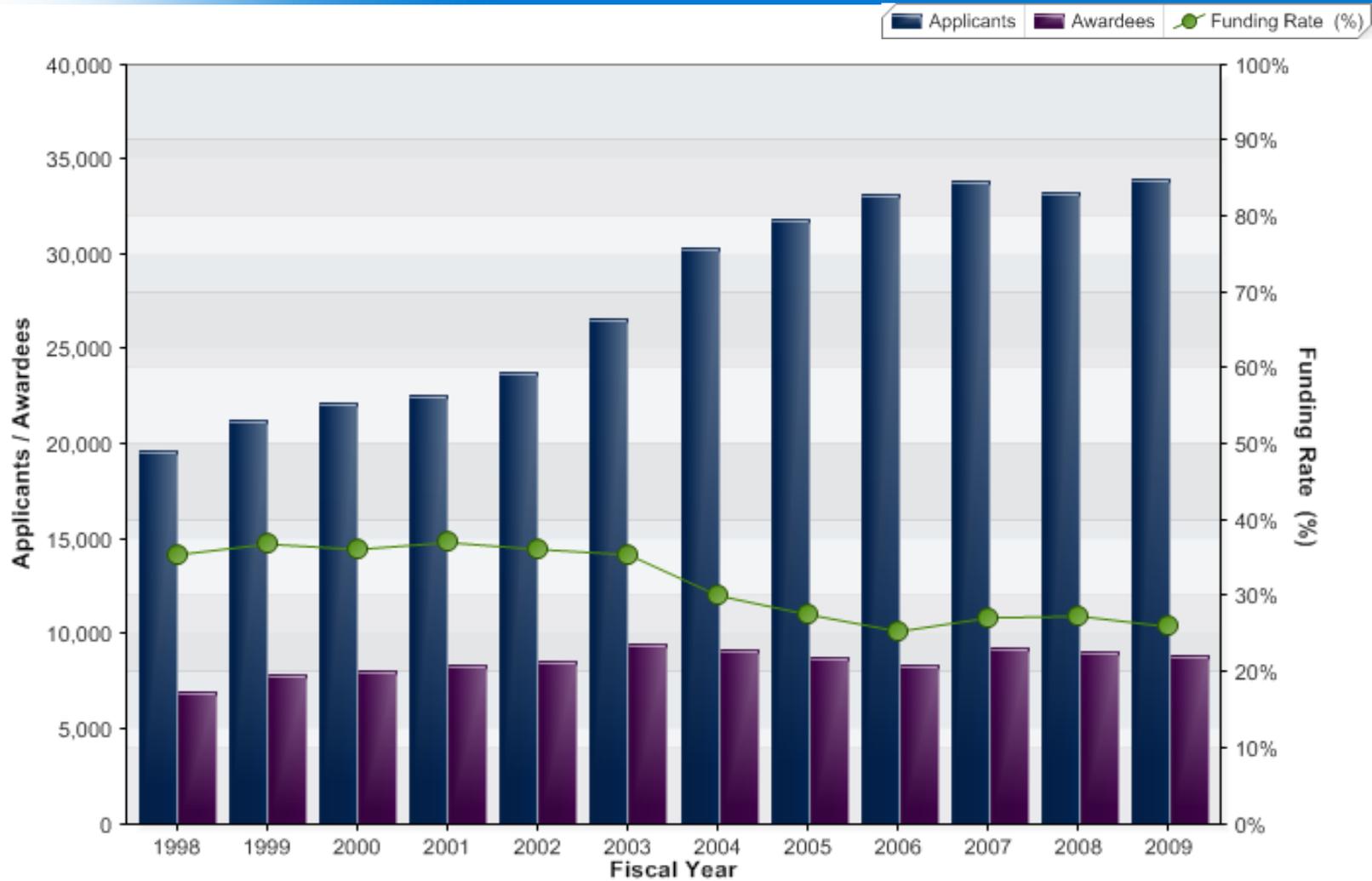
Funding Rates, by gender and type of application





Research Project Grant investigators

Applicants, awardees, and funding rates





R01-Equivalent investigators

Applicants, awardees, and funding rates





Research Career Development Awards

Competing applications, awards, and success rates

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Applications	1,029	1,082	1,464	1,921	1,783	2,009	2,147	2,642	2,962	2,712	3,340	2,832	2,518
K01	233	266	277	383	376	422	503	563	645	654	578	443	395
K02	117	111	90	98	116	106	100	114	112	93	67	72	73
K07	51	88	37	75	61	72	76	154	169	144	88	84	54
K08	557	536	479	496	515	560	592	669	676	635	524	509	466
K12	15	42	53	78	23	124	52	106	126	70	106	36	42
K22		8	55	111	87	117	143	146	171	173	149	115	111
K23		1	203	394	399	421	505	635	679	666	650	574	517
K24			185	172	128	108	89	120	149	127	133	97	87
K25				19	41	42	48	80	113	99	78	50	41
K99										1	893	795	703
All Other Ks	56	30	85	95	37	37	39	55	122	50	74	57	29
Awards	527	544	673	835	829	928	938	938	1,046	829	1,036	1,002	963
K01	82	90	107	137	160	179	216	179	198	180	183	172	144
K02	62	63	64	53	65	49	48	54	42	33	28	27	26
K07	25	39	16	31	22	28	27	31	37	35	23	29	21
K08	306	311	249	250	255	293	280	267	266	215	189	222	221
K12	15	19	19	19	10	44	24	33	35	24	48	19	22
K22		0	5	21	33	47	47	47	50	50	40	26	29
K23		1	86	192	184	196	214	226	232	180	217	216	227
K24			81	77	58	48	40	50	76	56	62	49	41
K25				8	23	22	20	24	37	31	27	24	9
K99										1	183	180	204
All Other Ks	37	21	46	47	19	22	22	27	73	24	36	38	19





Research Career Development Awards

Competing applications, awards, and success rates (cont'd)

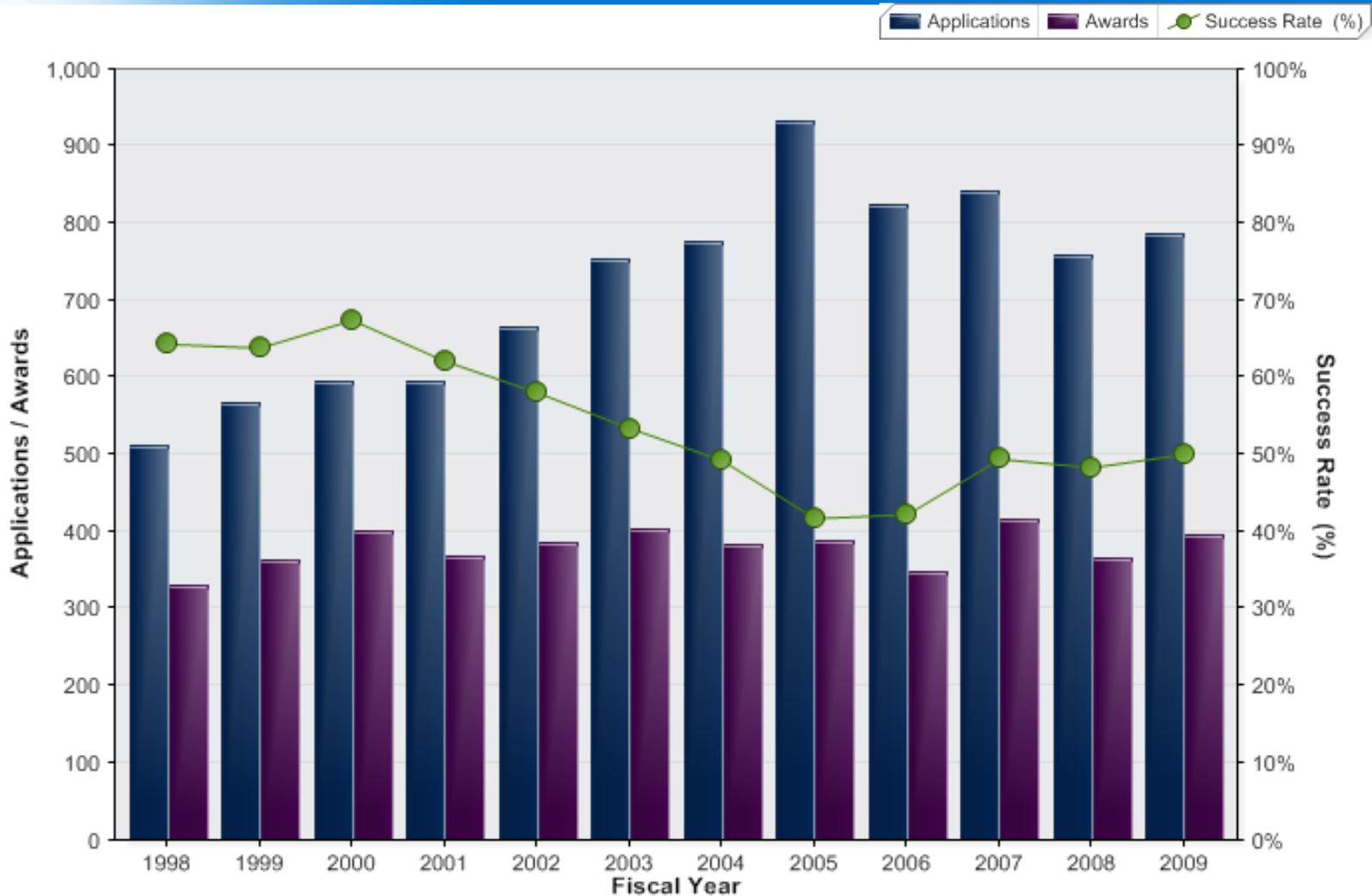
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Success Rates	51%	50%	46%	43%	46%	46%	44%	36%	35%	31%	31%	35%	38%
K01	35%	34%	39%	36%	43%	42%	43%	32%	31%	28%	32%	39%	36%
K02	53%	57%	71%	54%	56%	46%	48%	47%	38%	35%	42%	38%	36%
K07	49%	44%	43%	41%	36%	39%	36%	20%	22%	24%	26%	34%	39%
K08	55%	58%	52%	50%	50%	52%	47%	40%	39%	34%	36%	44%	47%
K12	100%	45%	36%	24%	43%	35%	46%	31%	28%	34%	45%	53%	52%
K22		0%	9%	19%	38%	40%	33%	32%	29%	29%	27%	23%	26%
K23		100%	42%	49%	46%	47%	42%	36%	34%	27%	33%	38%	44%
K24			44%	45%	45%	44%	45%	42%	51%	44%	47%	50%	47%
K25				42%	56%	52%	42%	30%	33%	31%	35%	48%	22%
K99										100%	20%	23%	29%
All Other Ks	66%	70%	54%	49%	51%	59%	56%	49%	60%	48%	49%	67%	66%





Kirschstein-NRSA institutional research training grants

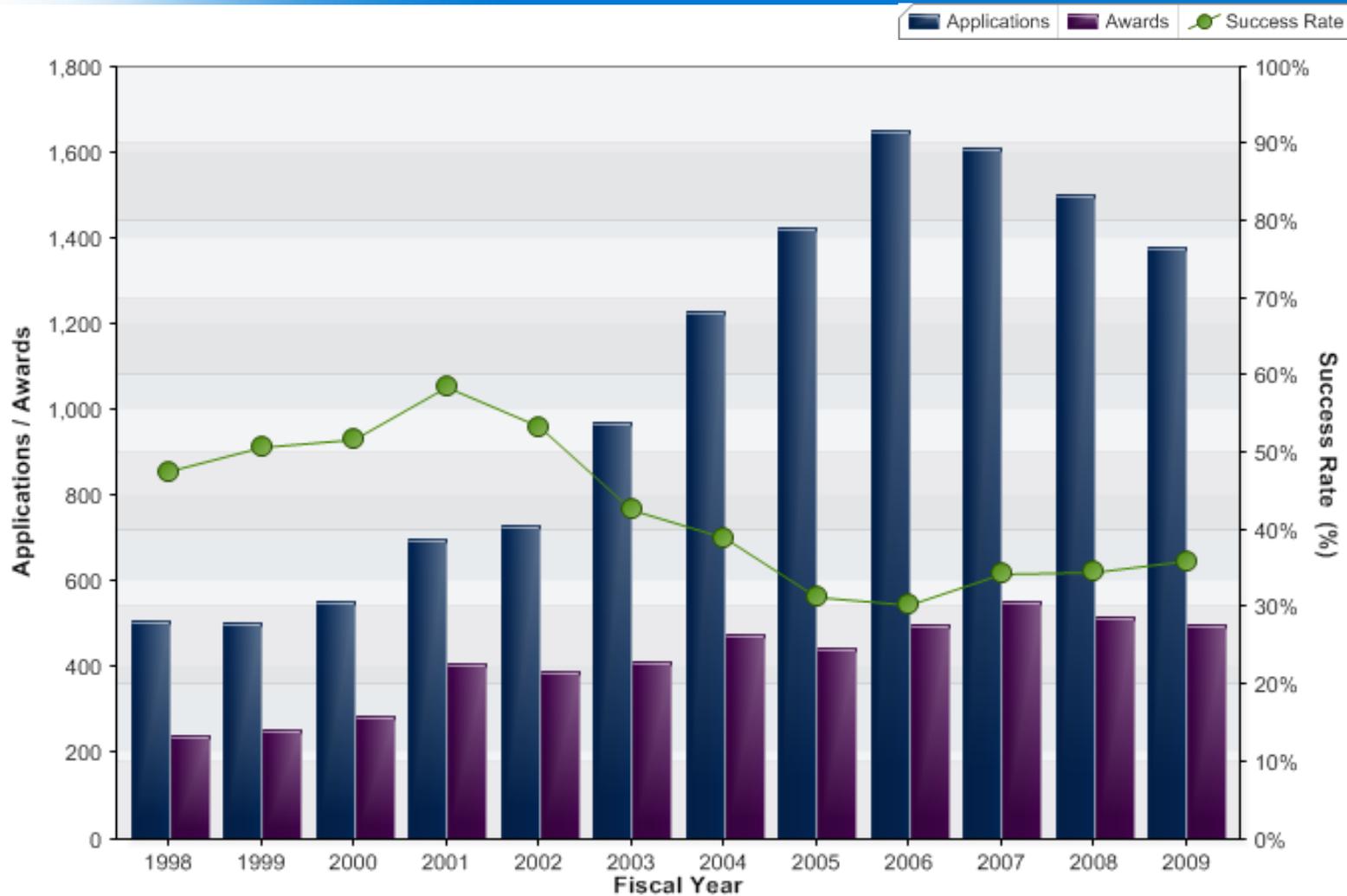
Applications, awards, and success rates





Kirschstein-NRSA pre-doctoral fellowships (F31s)

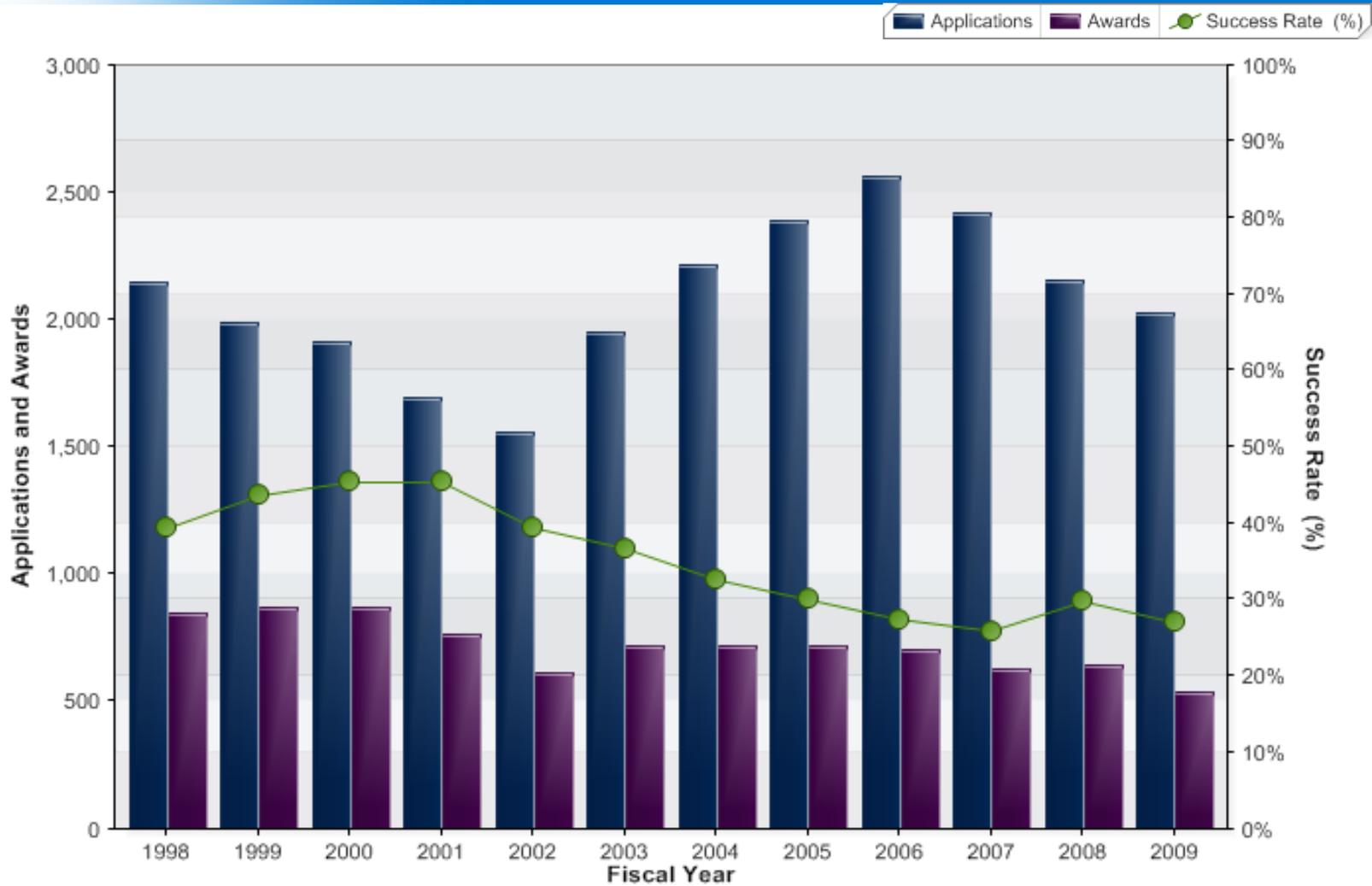
Applications, awards, and success rates





Kirschstein-NRSA post-doctoral fellowships (F32s)

Applications, awards, and success rates



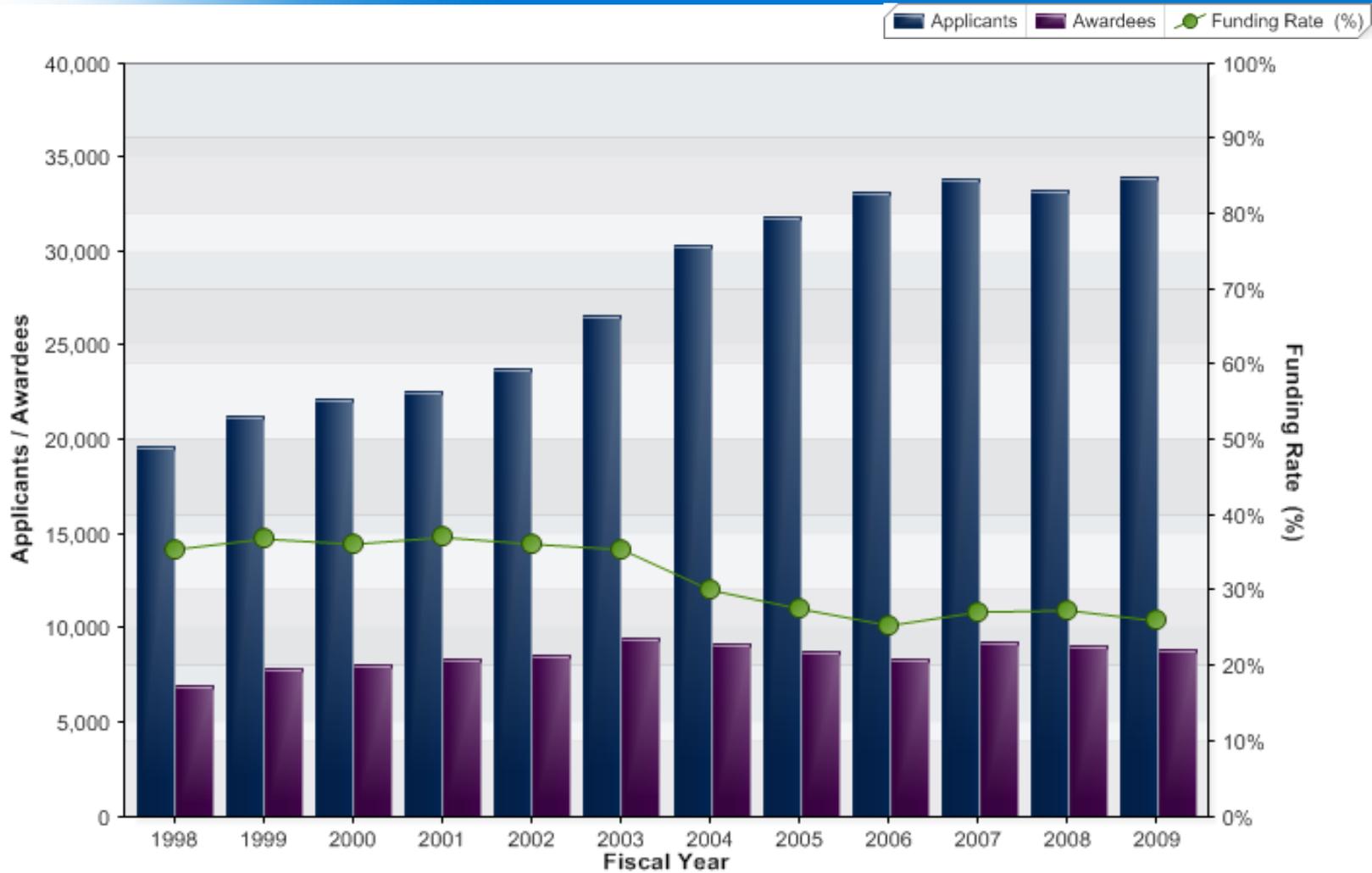


THE NIH-FUNDED RESEARCH WORKFORCE



Research Project Grant investigators

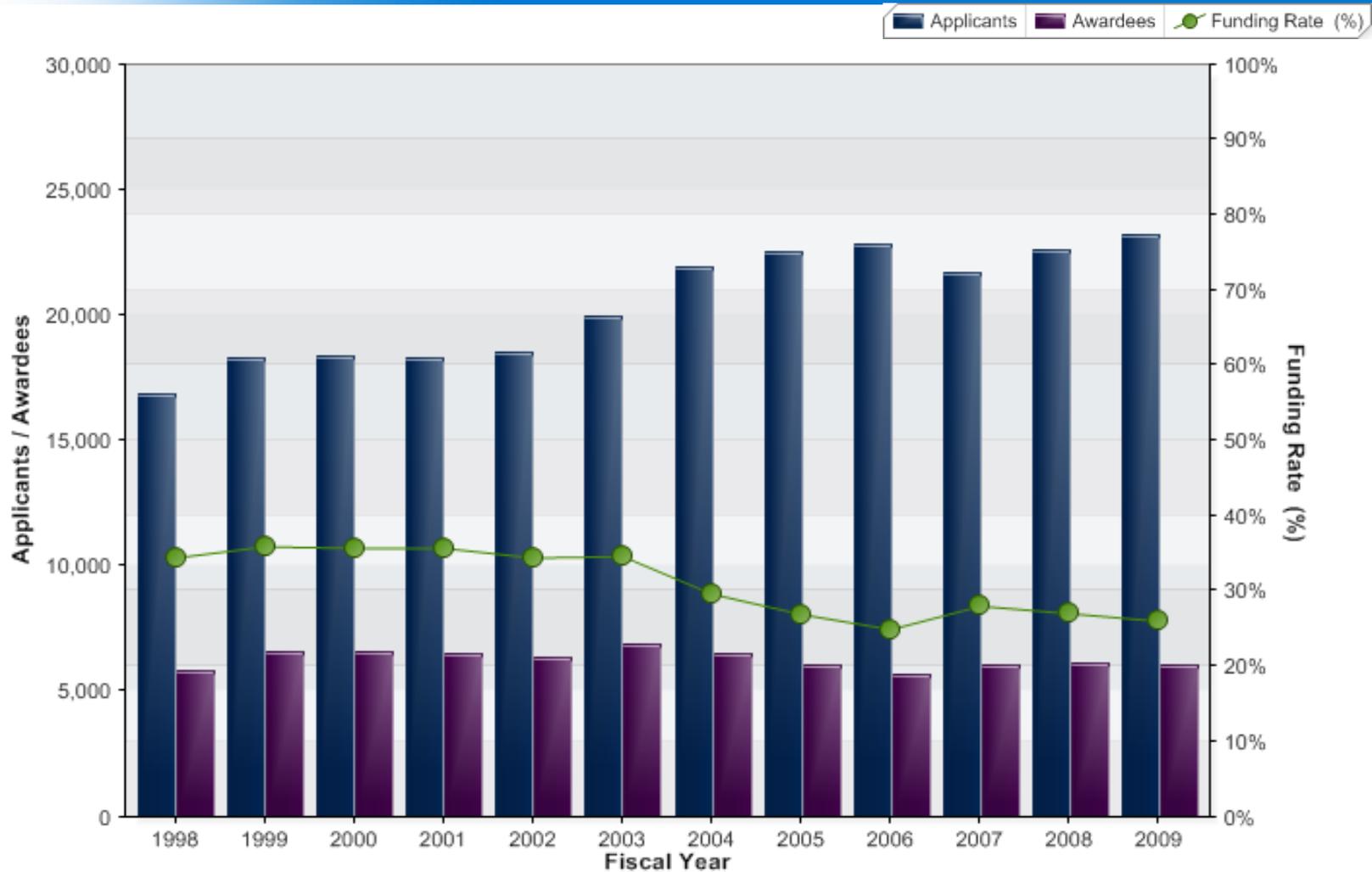
Applicants, awardees, and funding rates





R01-Equivalent investigators

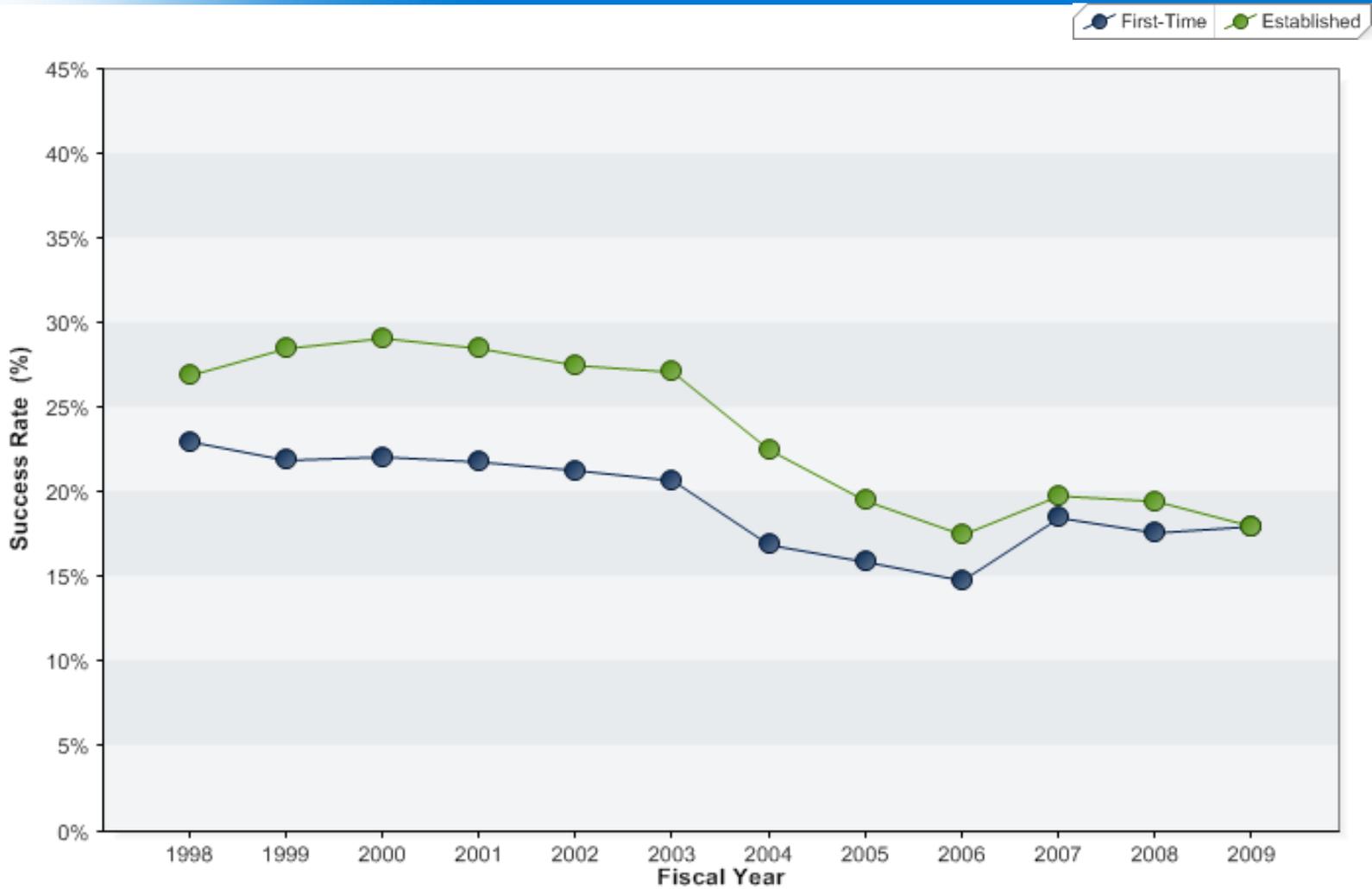
Applicants, awardees, and funding rates





R01-Equivalent grants

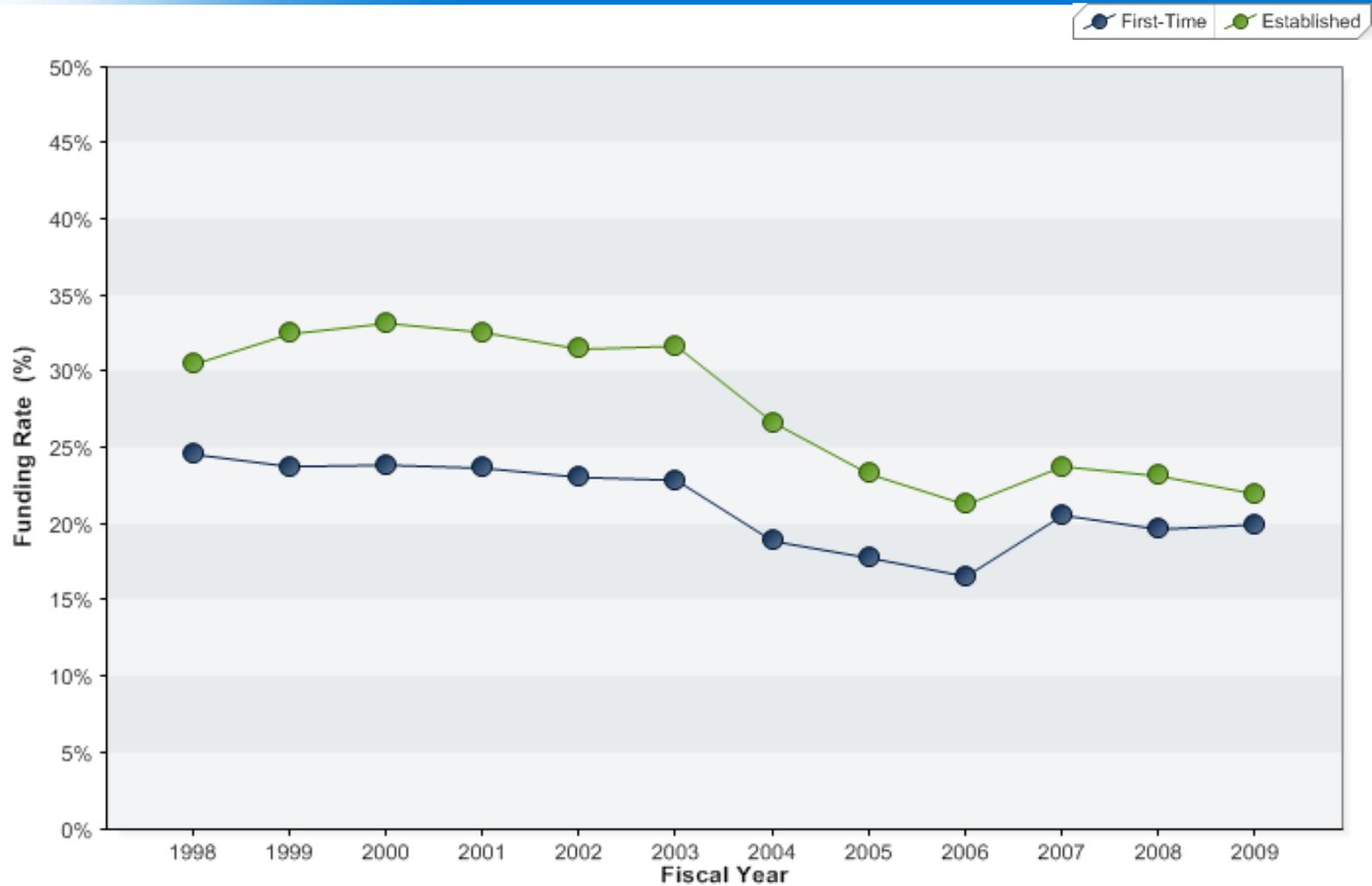
New (Type 1) Success rates, by career stage of investigator





R01-Equivalent investigators

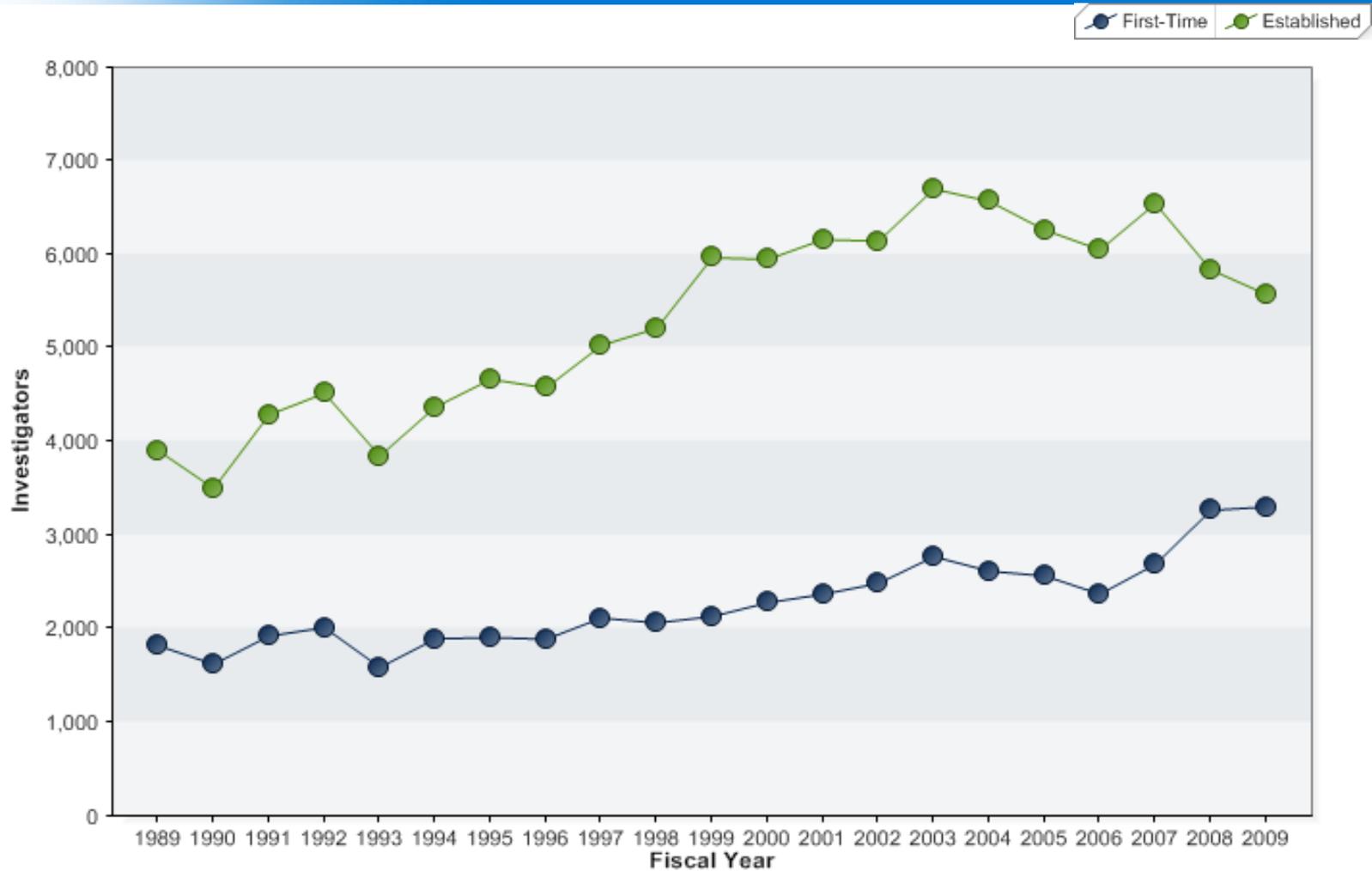
New (Type 1) Funding rates, by career stage of investigator





Research Project Grant investigators

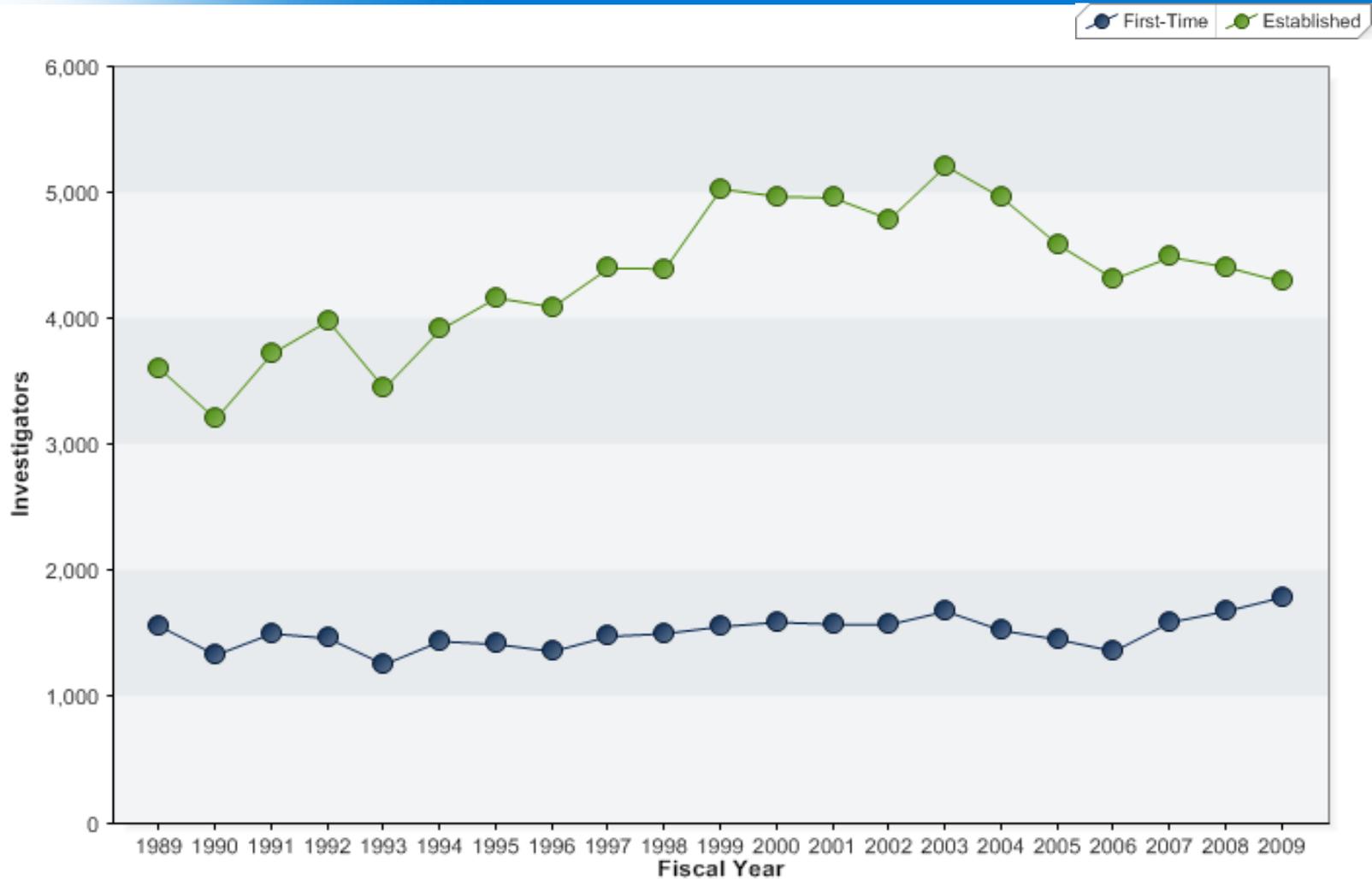
Number supported, by career stage of investigator





R01-Equivalent investigators

Number supported, by career stage of investigator



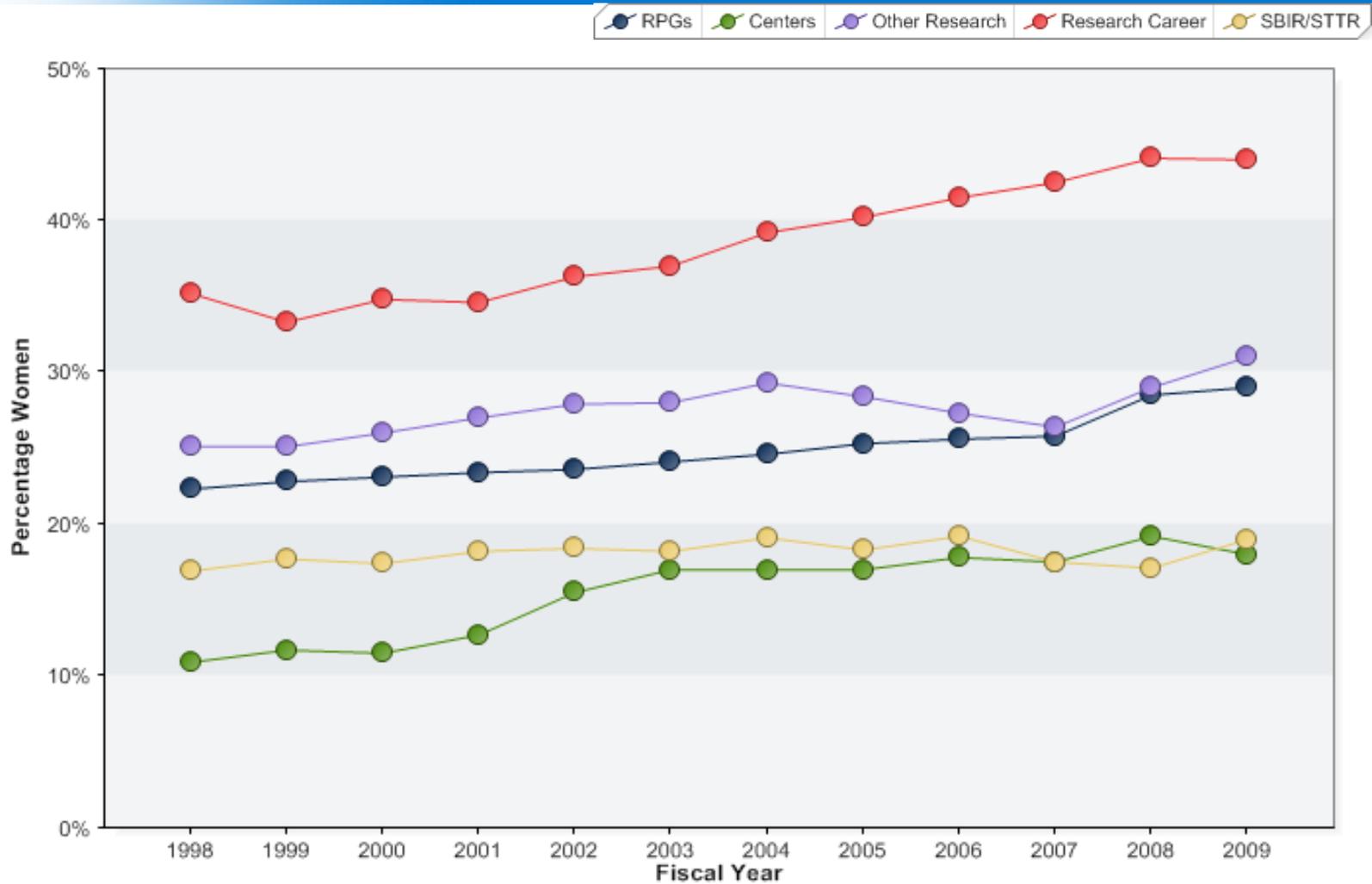


DATA BY GENDER



Research grant investigators

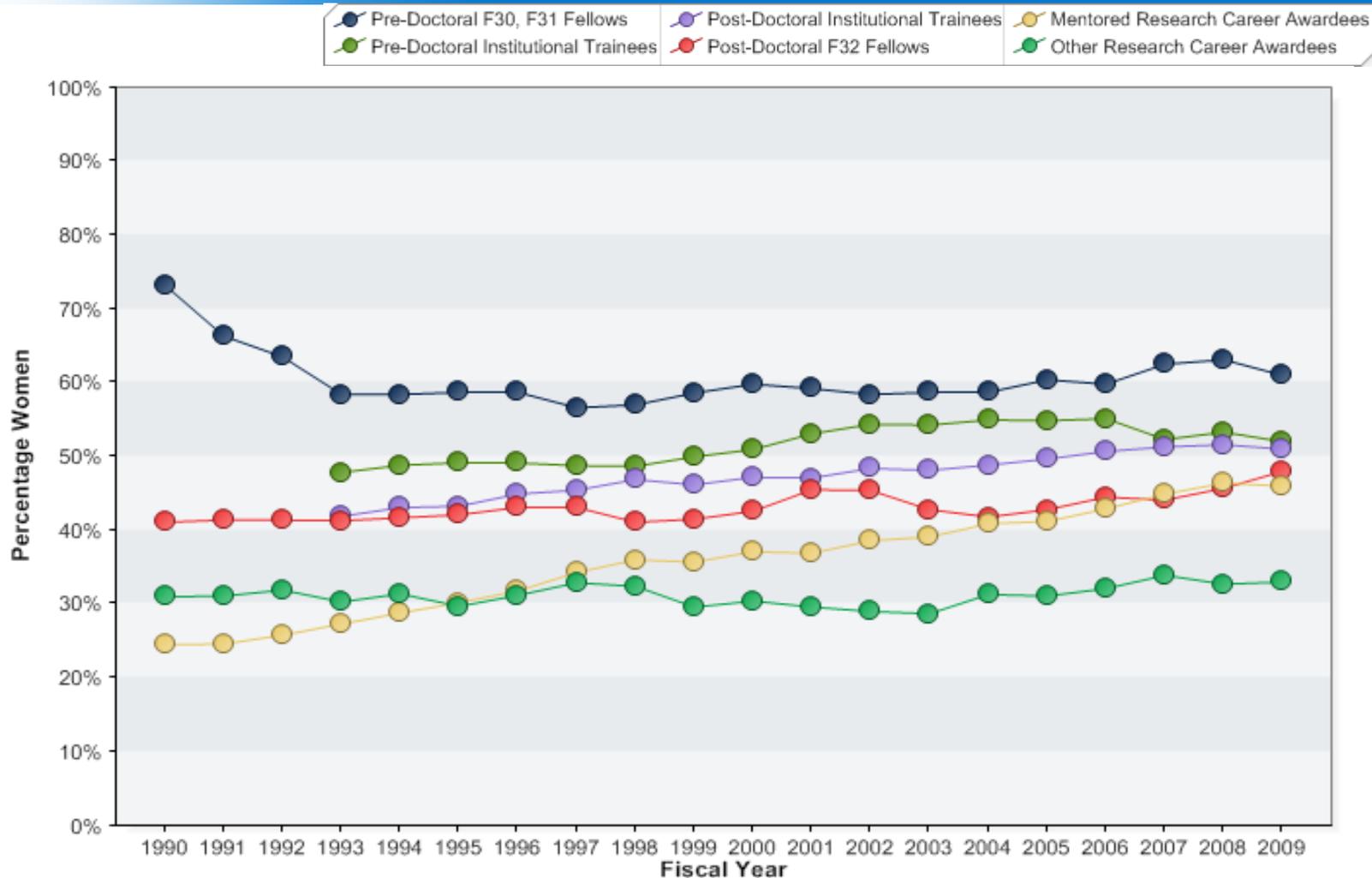
Representation of women, by mechanism





Research career award recipients and Kirschstein-NRSA trainees and fellows

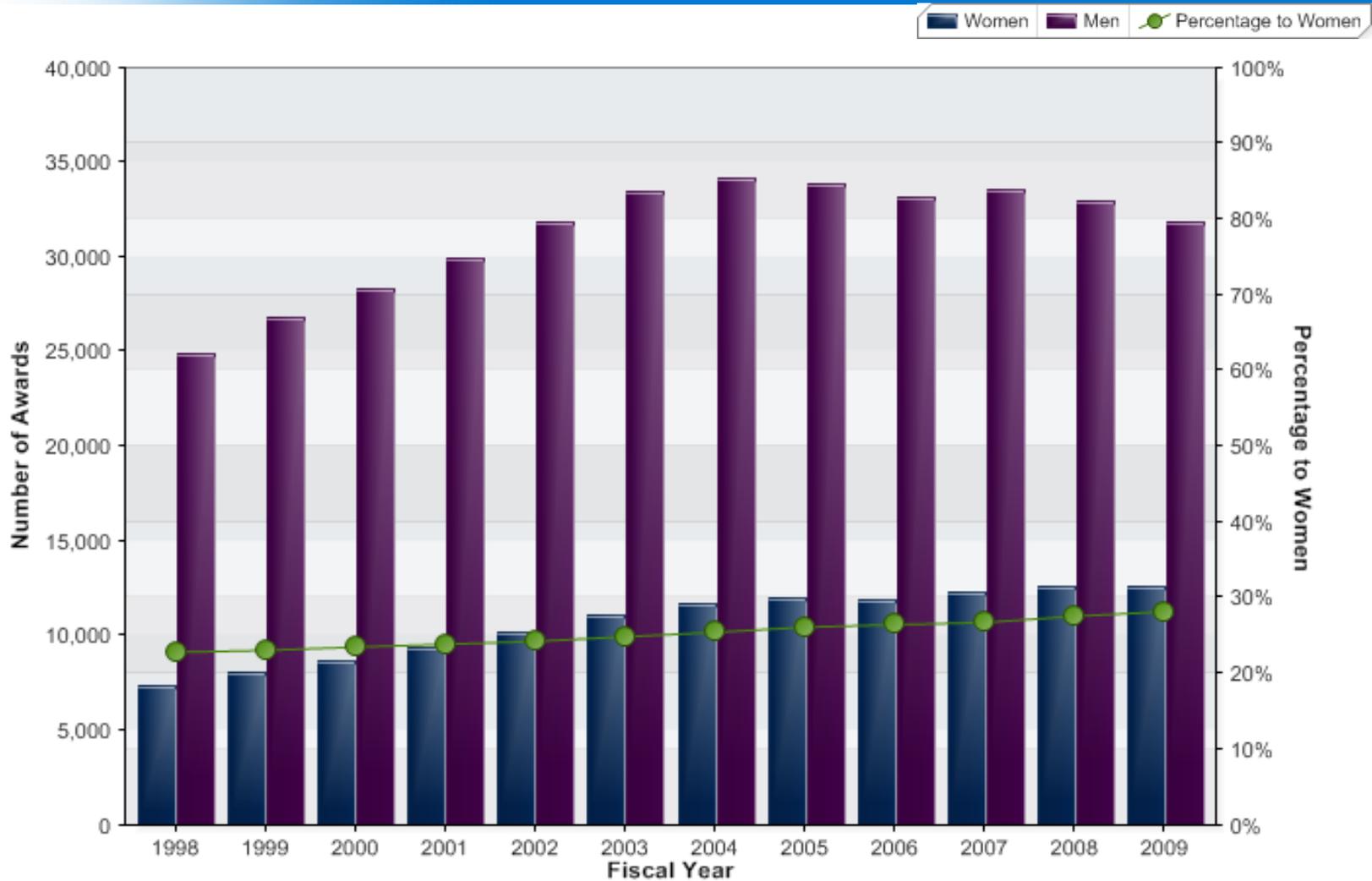
Representation of women, by activity and career stage





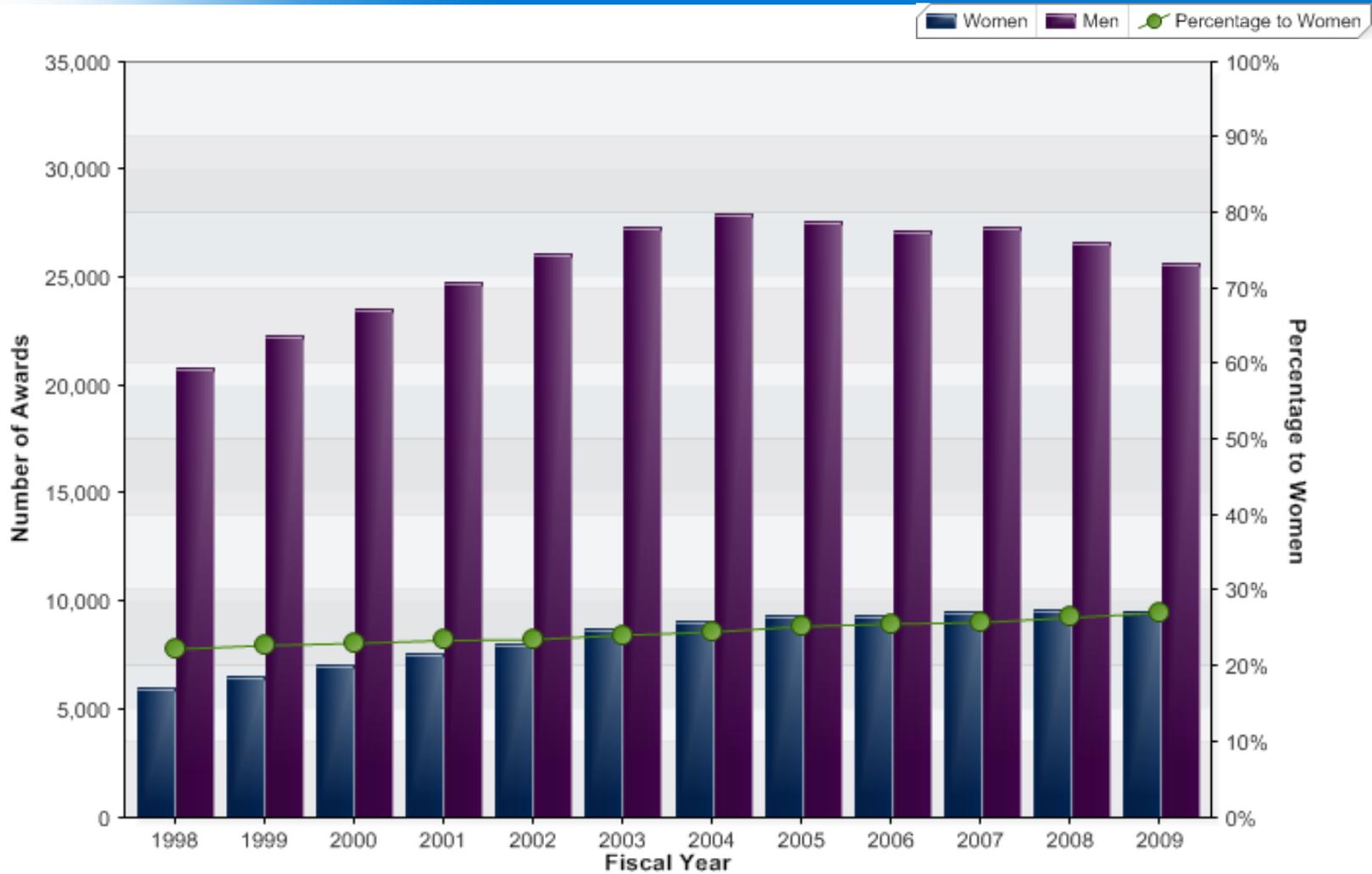
Research grants

Awards, by gender





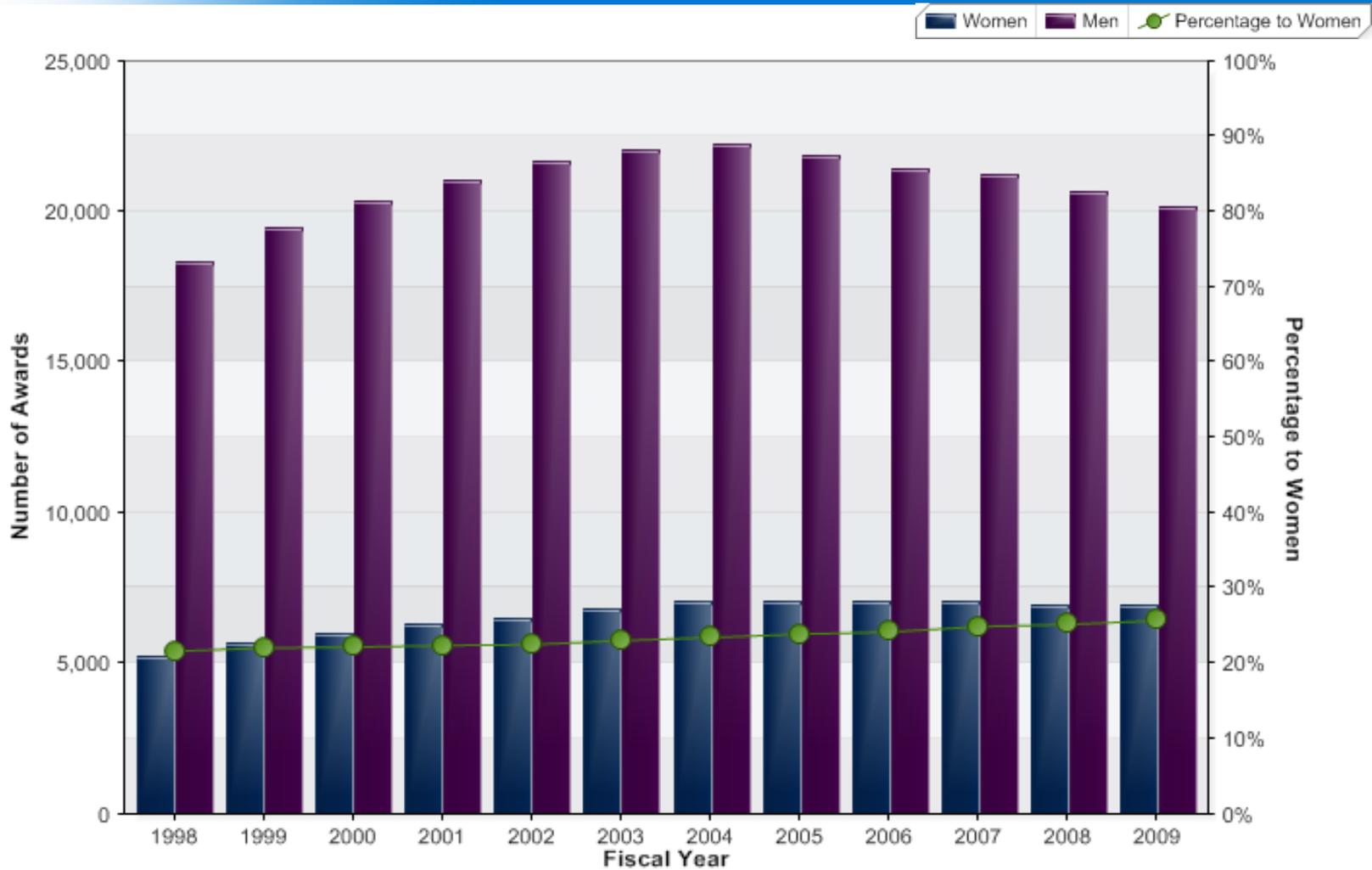
Research Project Grants Awards, by gender





R01-Equivalent grants

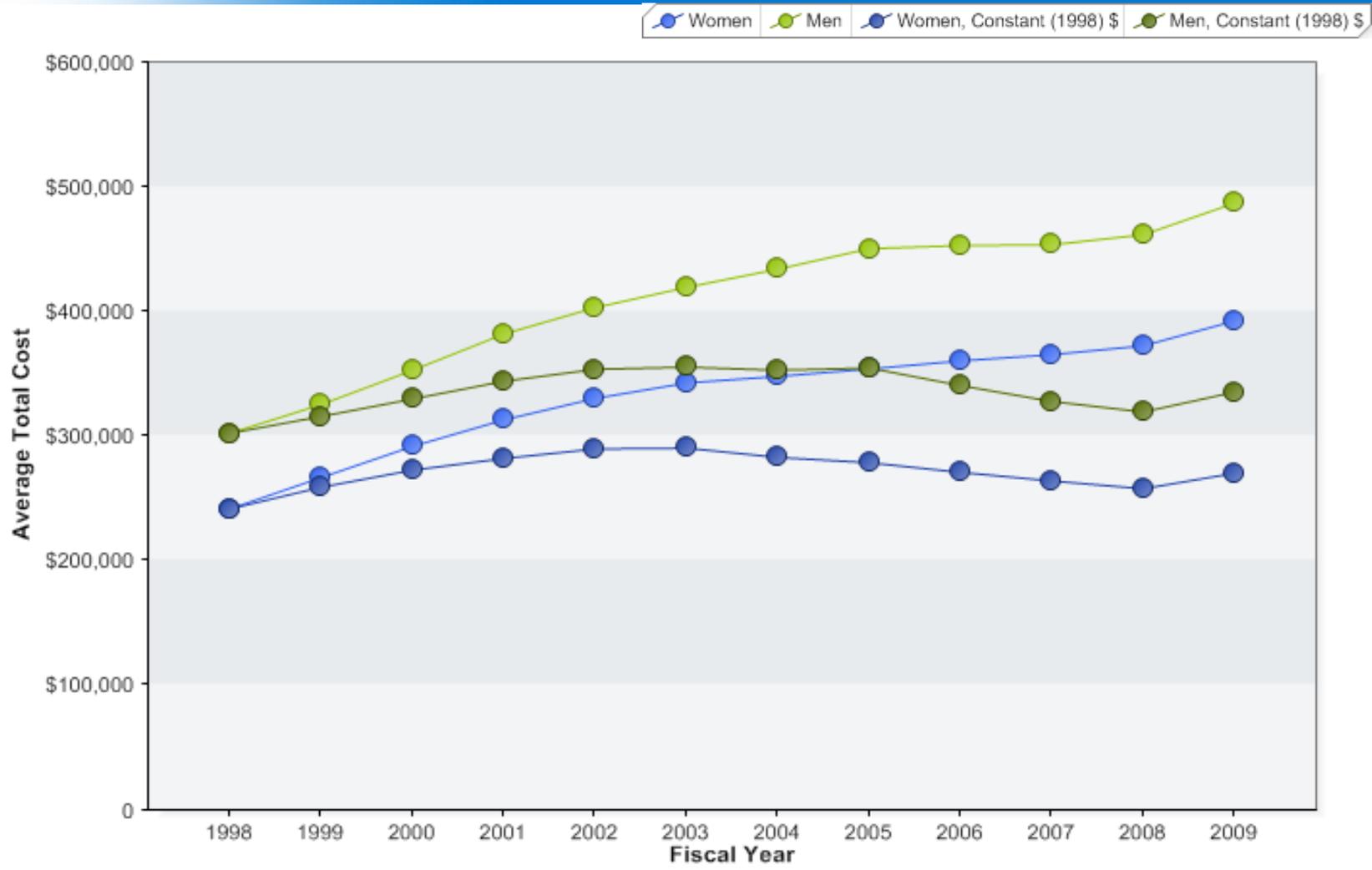
Awards, by gender





Research grants

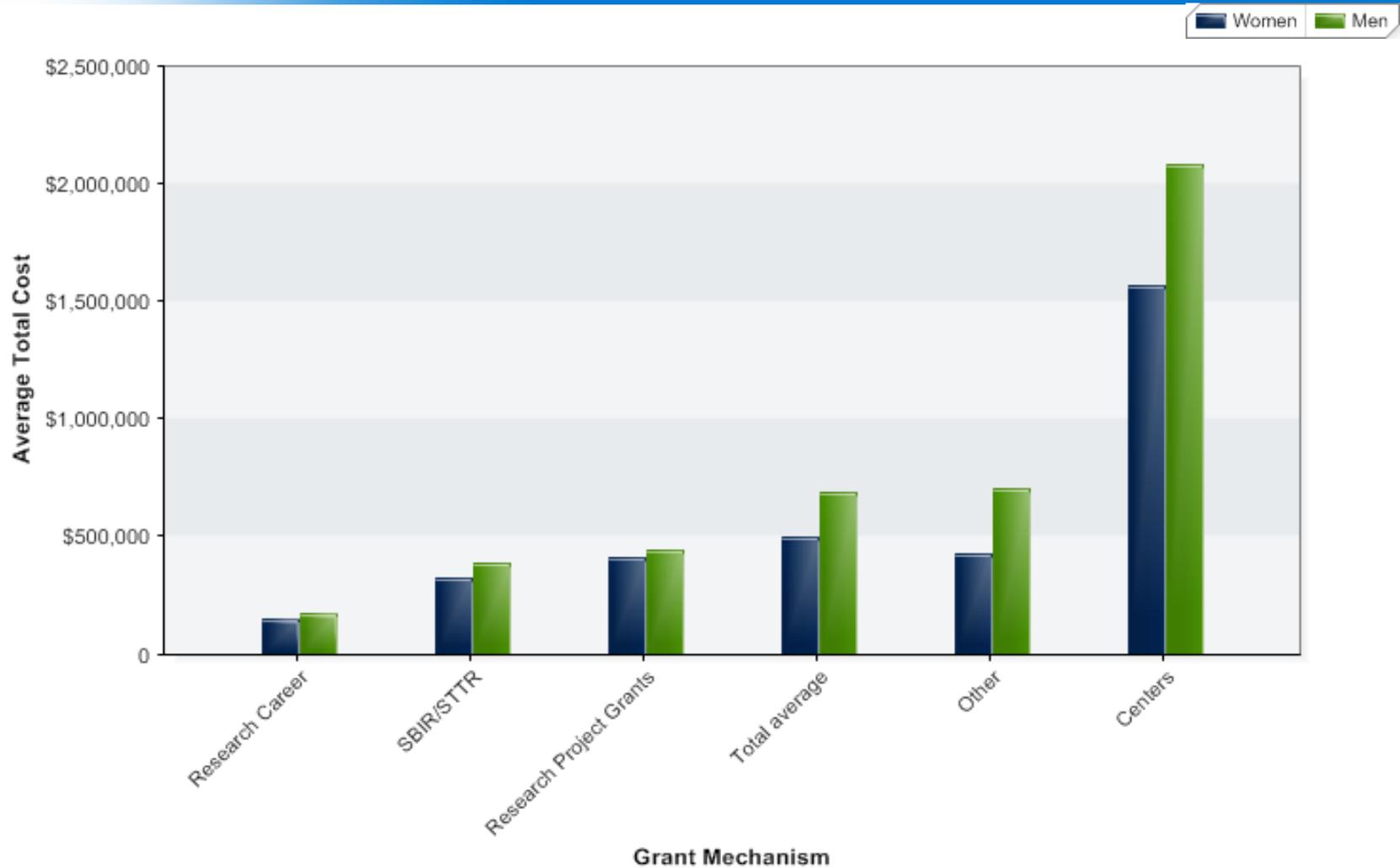
Average size, by gender





Research grants

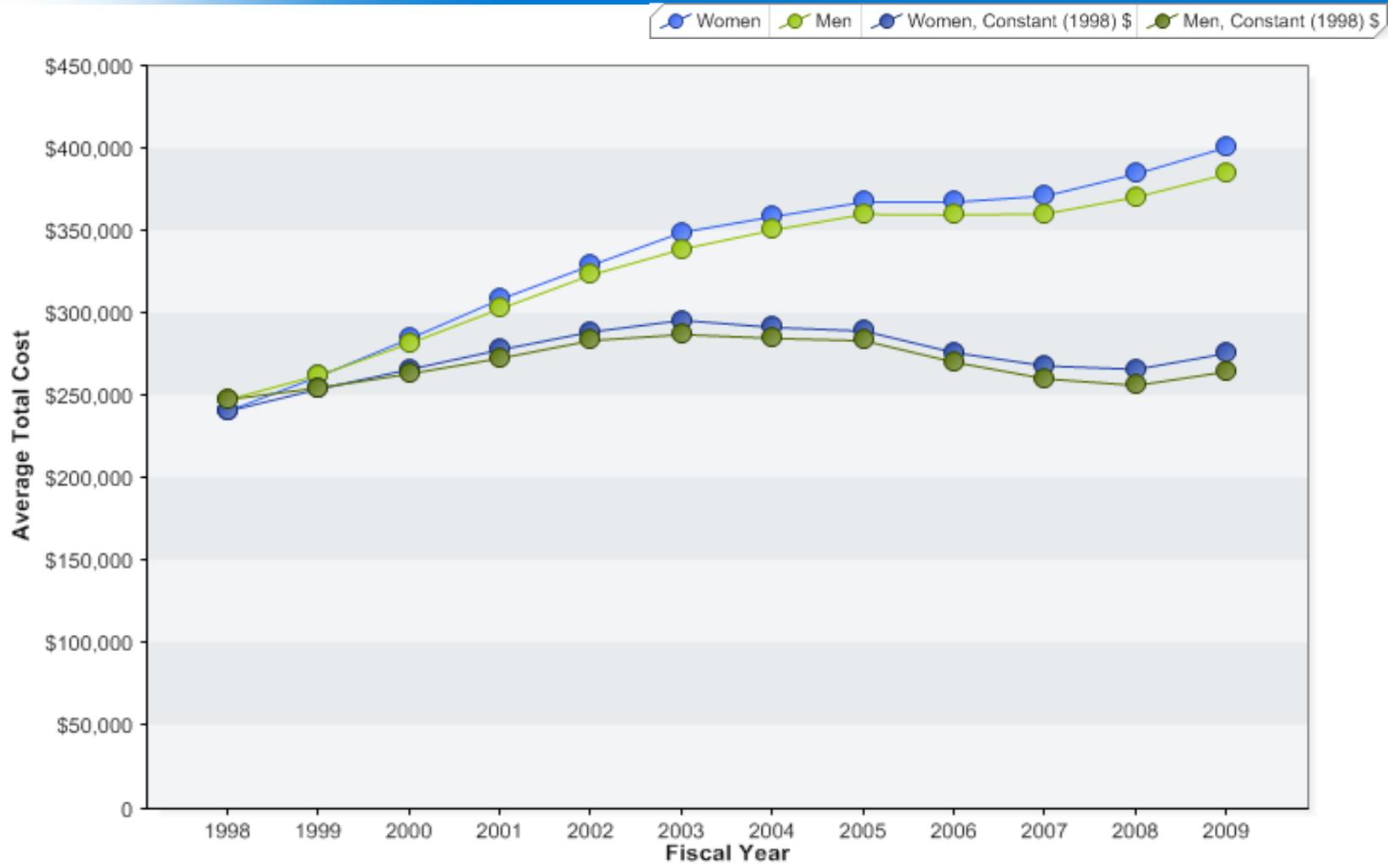
Average size, by mechanism and gender, FY 2009





R01-Equivalent grants

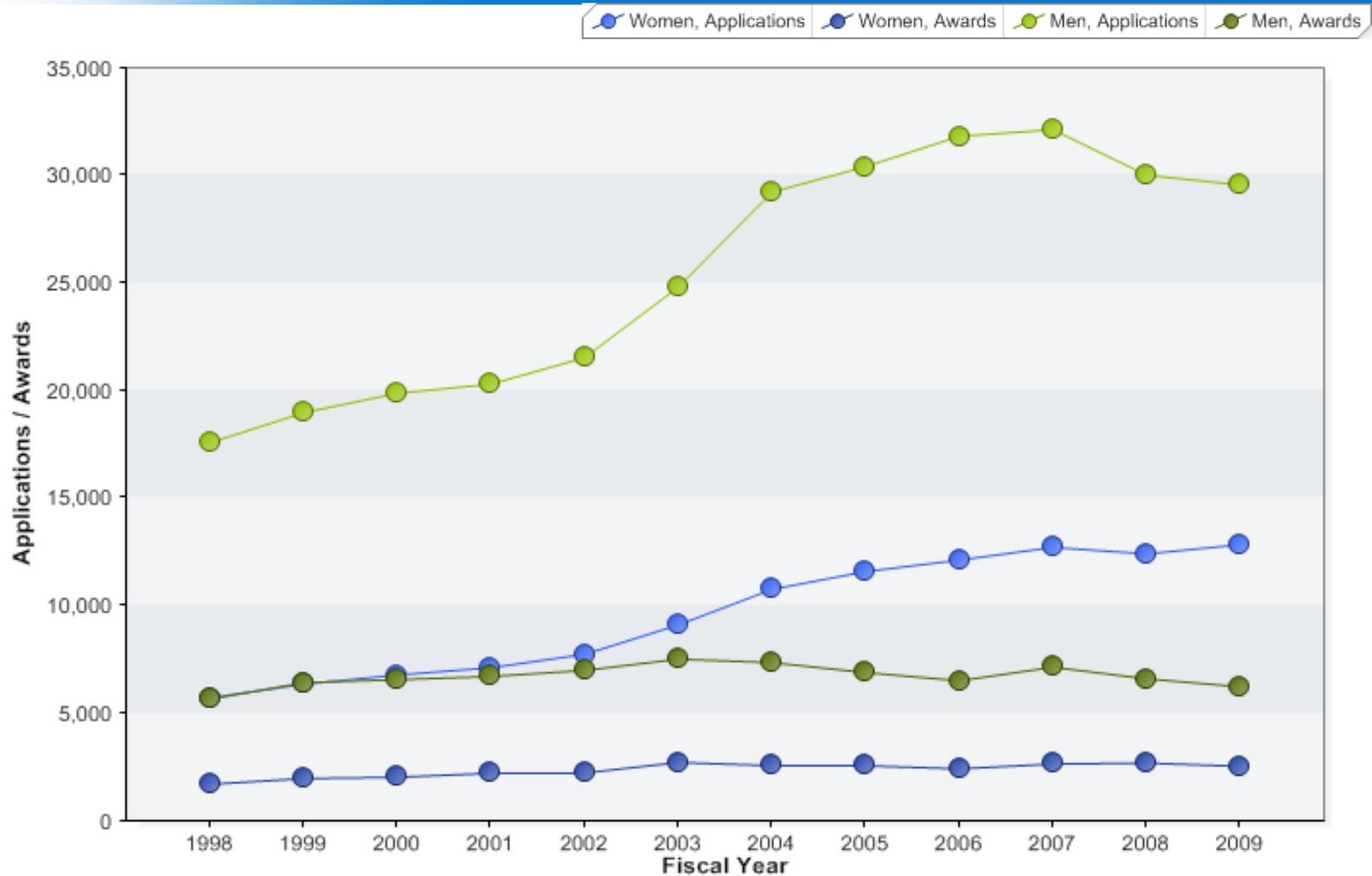
Average size, by gender





Research Project Grants

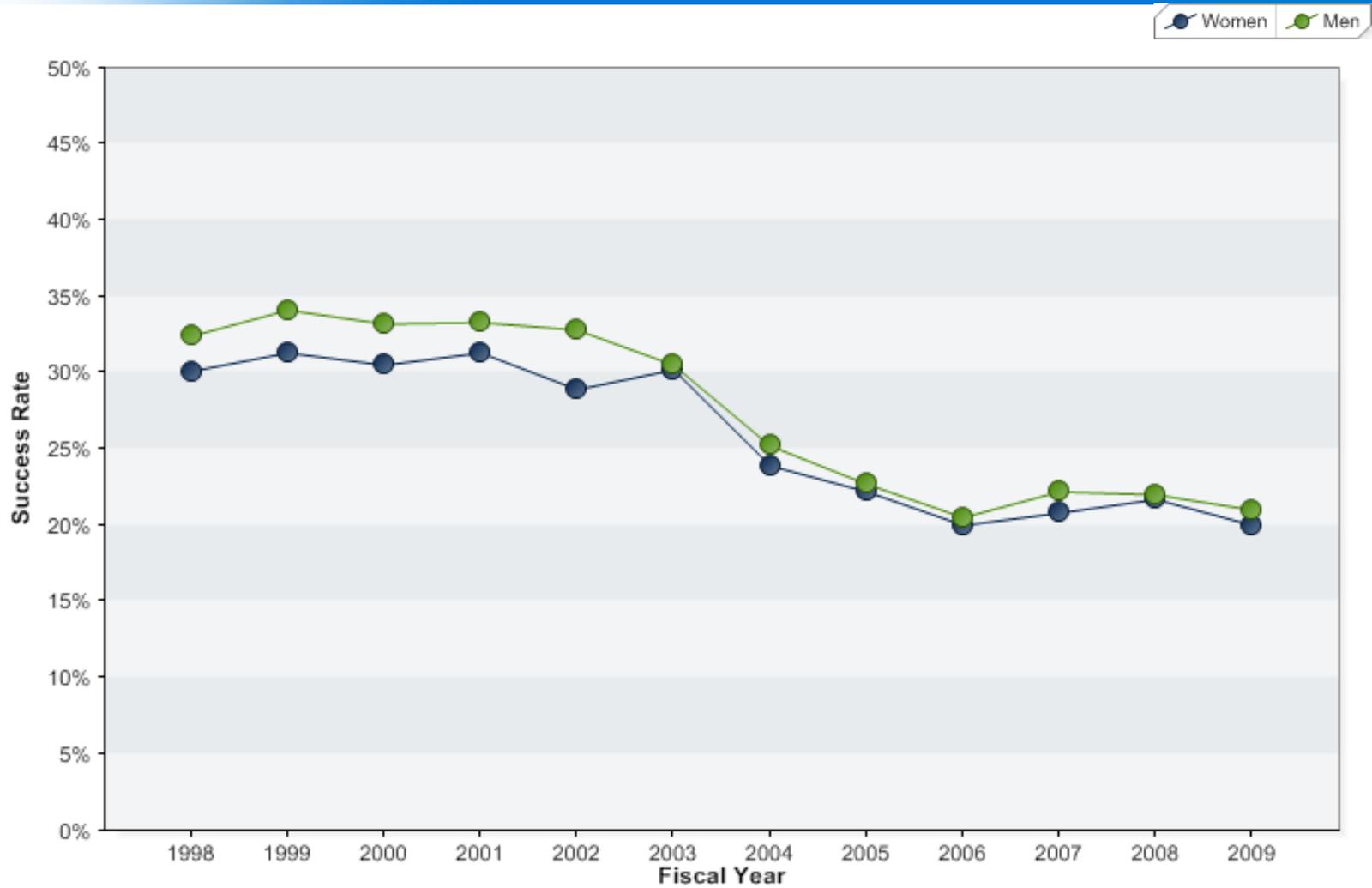
Competing applications and awards, by gender





Research Project Grants

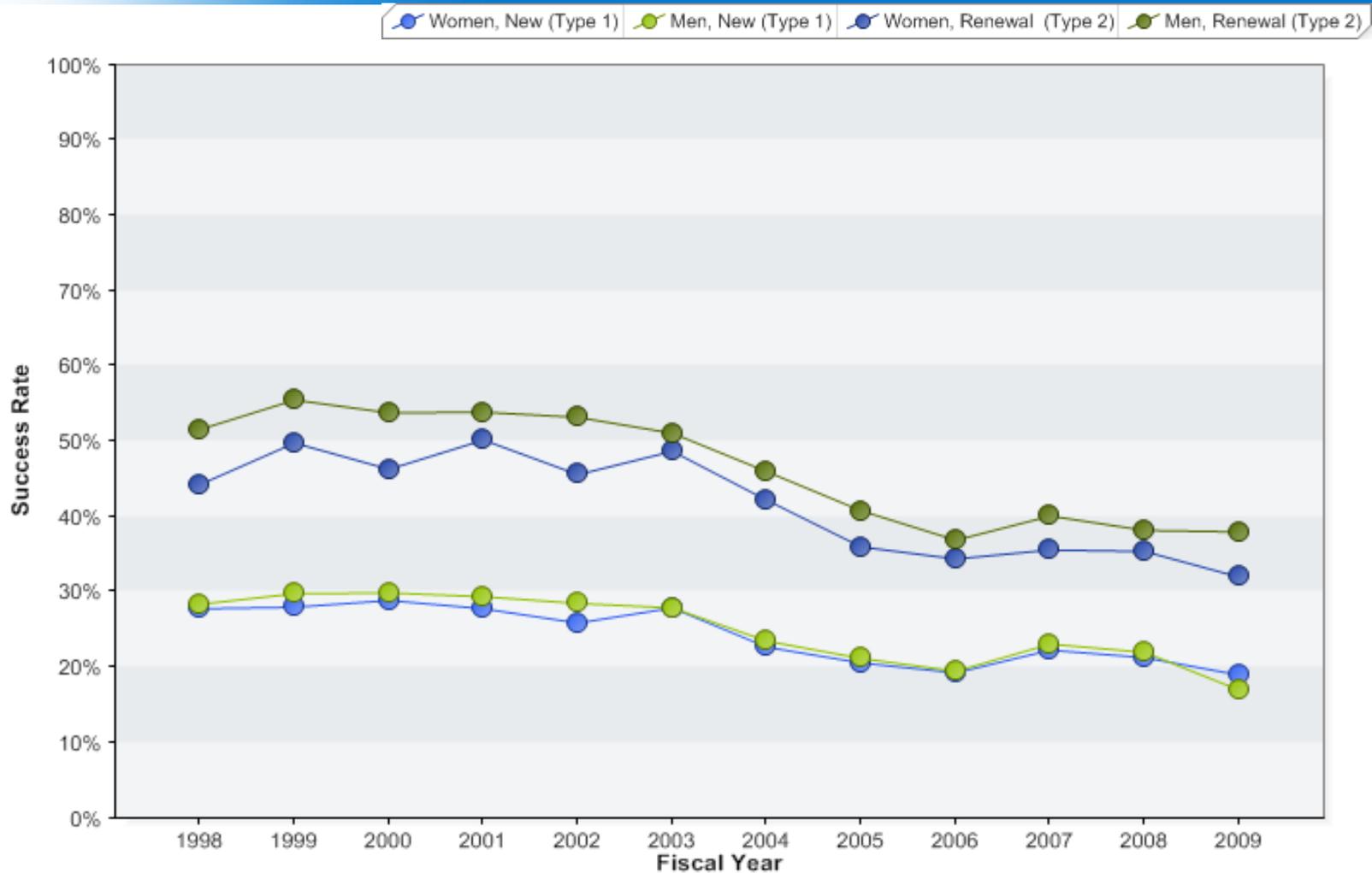
Success rates, by gender





R01-Equivalent grants

Success rates, by gender and type of application





TRENDS IN RESEARCH CAREER DEVELOPMENT (K) AWARDS



Research Career Development Awards

Competing applications, awards, and success rates

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Applications	1,029	1,082	1,464	1,921	1,783	2,009	2,147	2,642	2,962	2,712	3,340	2,832	2,518
K01	233	266	277	383	376	422	503	563	645	654	578	443	395
K02	117	111	90	98	116	106	100	114	112	93	67	72	73
K07	51	88	37	75	61	72	76	154	169	144	88	84	54
K08	557	536	479	496	515	560	592	669	676	635	524	509	466
K12	15	42	53	78	23	124	52	106	126	70	106	36	42
K22		8	55	111	87	117	143	146	171	173	149	115	111
K23		1	203	394	399	421	505	635	679	666	650	574	517
K24			185	172	128	108	89	120	149	127	133	97	87
K25				19	41	42	48	80	113	99	78	50	41
K99										1	893	795	703
All Other Ks	56	30	85	95	37	37	39	55	122	50	74	57	29
Awards	527	544	673	835	829	928	938	938	1,046	829	1,036	1,002	963
K01	82	90	107	137	160	179	216	179	198	180	183	172	144
K02	62	63	64	53	65	49	48	54	42	33	28	27	26
K07	25	39	16	31	22	28	27	31	37	35	23	29	21
K08	306	311	249	250	255	293	280	267	266	215	189	222	221
K12	15	19	19	19	10	44	24	33	35	24	48	19	22
K22		0	5	21	33	47	47	47	50	50	40	26	29
K23		1	86	192	184	196	214	226	232	180	217	216	227
K24			81	77	58	48	40	50	76	56	62	49	41
K25				8	23	22	20	24	37	31	27	24	9
K99										1	183	180	204
All Other Ks	37	21	46	47	19	22	22	27	73	24	36	38	19





Research Career Development Awards

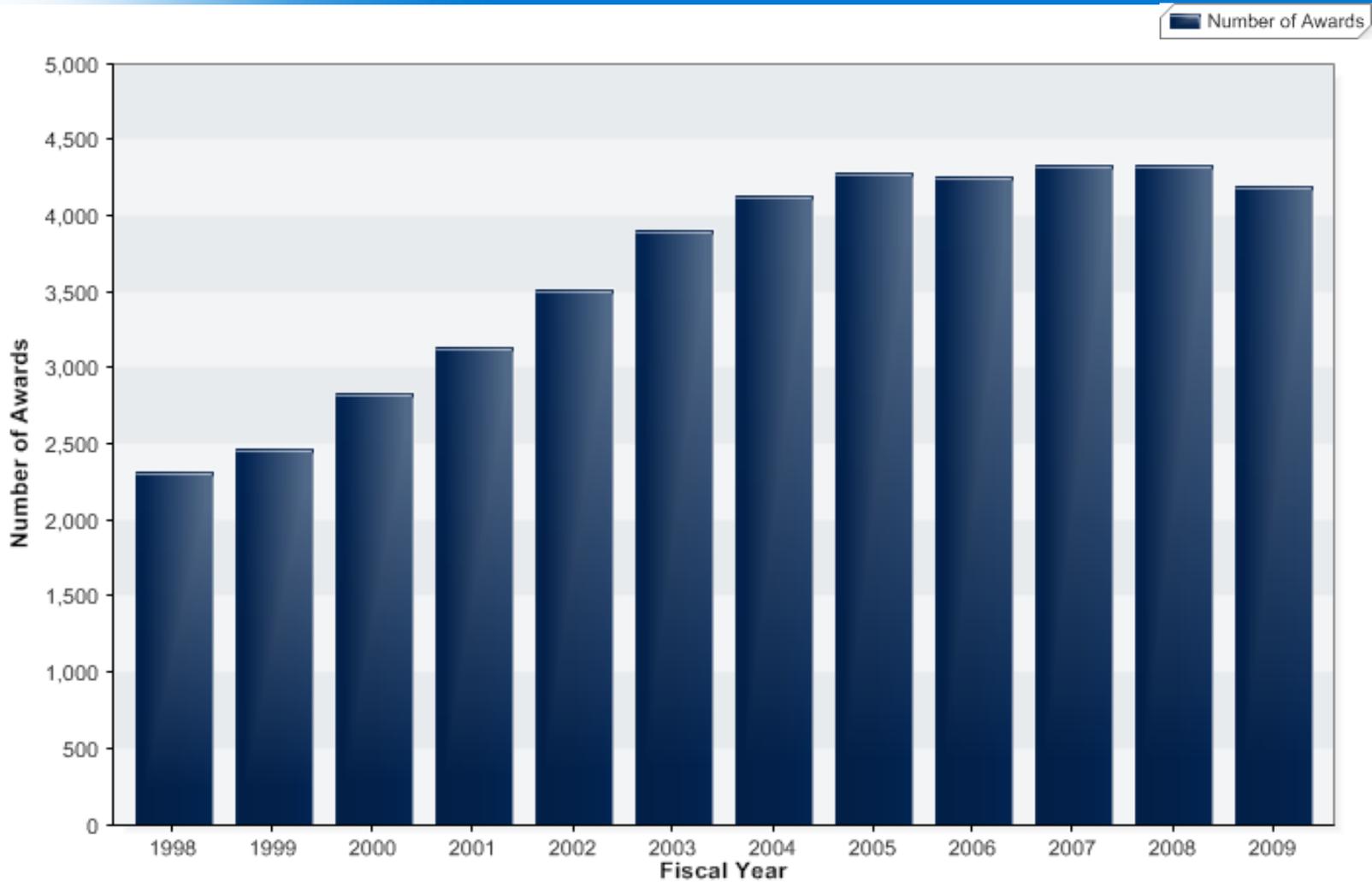
Competing applications, awards, and success rates (cont'd)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Success Rates	51%	50%	46%	43%	46%	46%	44%	36%	35%	31%	31%	35%	38%
K01	35%	34%	39%	36%	43%	42%	43%	32%	31%	28%	32%	39%	36%
K02	53%	57%	71%	54%	56%	46%	48%	47%	38%	35%	42%	38%	36%
K07	49%	44%	43%	41%	36%	39%	36%	20%	22%	24%	26%	34%	39%
K08	55%	58%	52%	50%	50%	52%	47%	40%	39%	34%	36%	44%	47%
K12	100%	45%	36%	24%	43%	35%	46%	31%	28%	34%	45%	53%	52%
K22		0%	9%	19%	38%	40%	33%	32%	29%	29%	27%	23%	26%
K23		100%	42%	49%	46%	47%	42%	36%	34%	27%	33%	38%	44%
K24			44%	45%	45%	44%	45%	42%	51%	44%	47%	50%	47%
K25				42%	56%	52%	42%	30%	33%	31%	35%	48%	22%
K99										100%	20%	23%	29%
All Other Ks	66%	70%	54%	49%	51%	59%	56%	49%	60%	48%	49%	67%	66%





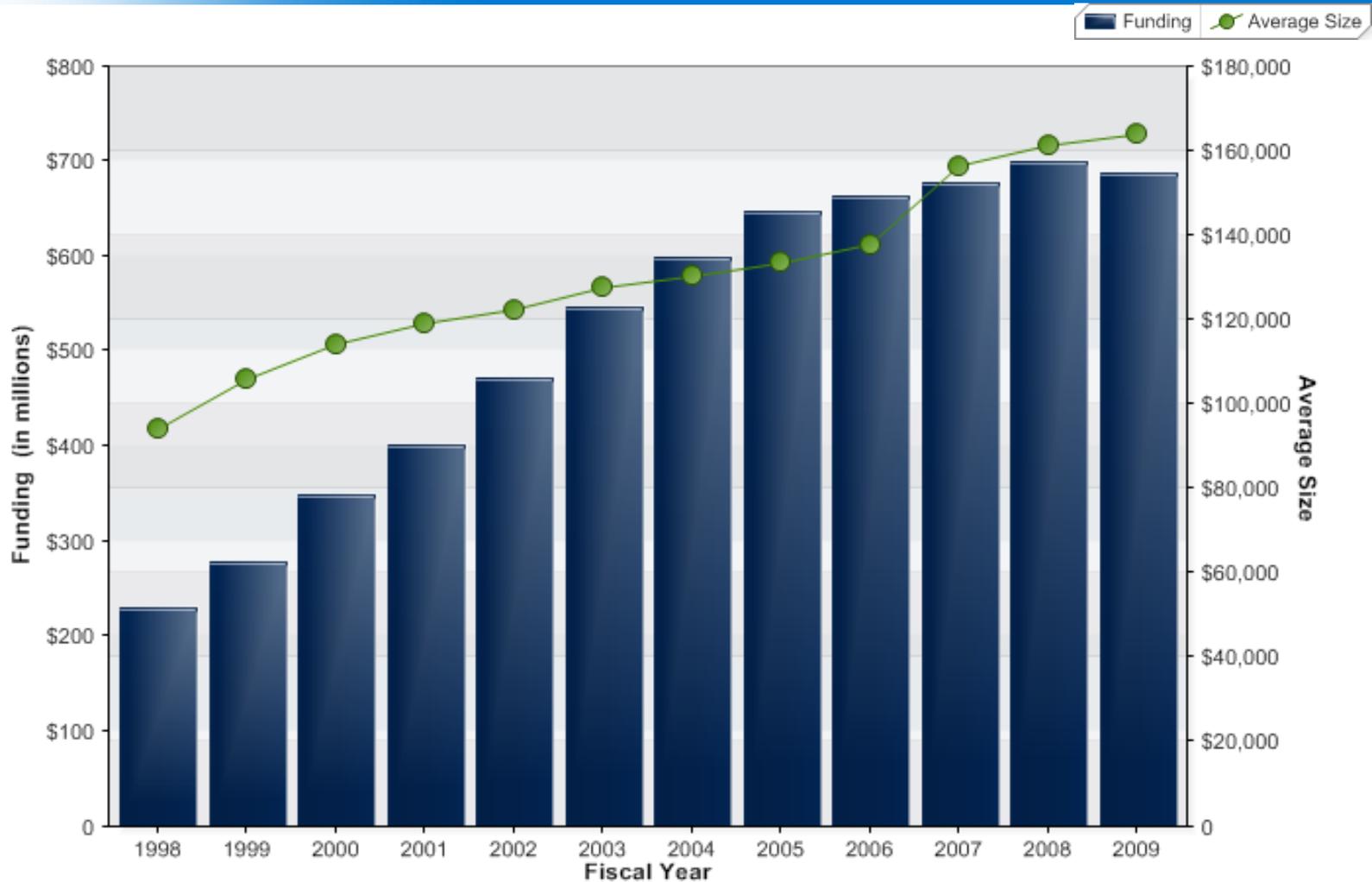
Research Career Development Awards





Research Career Development Awards

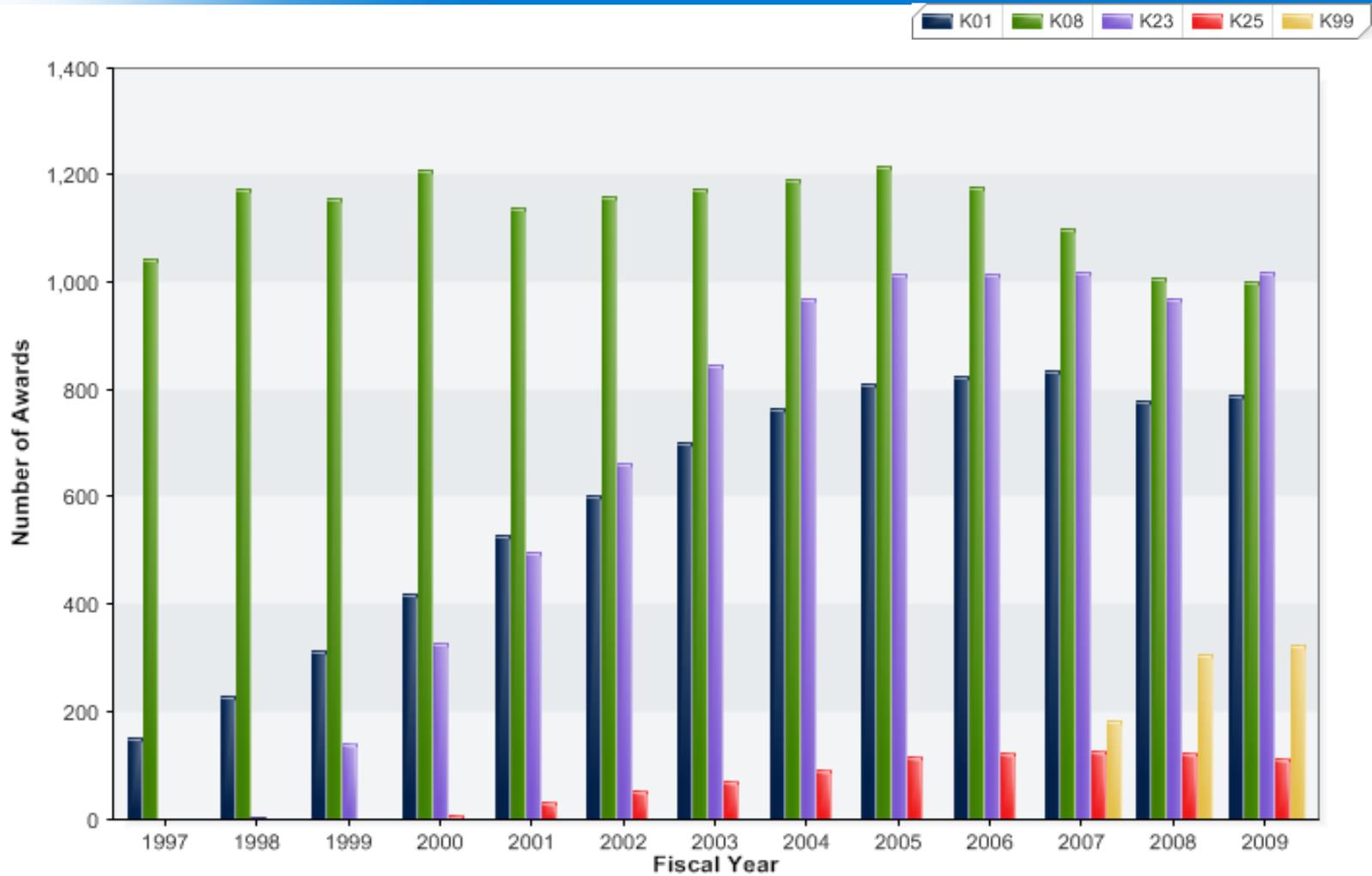
Total funding and average size





Research Career Development Awards

Number of entry-level awards





Research Career Development Awards

Awards by Institute / Center

Institute / Center	2003		2004		2005		2006		2007		2008		2009	
	Awards	Amount												
FIC	17	\$1,890,557	20	\$2,233,234	0	\$0	15	\$1,766,928	12	\$1,312,671	10	\$1,114,949	11	\$1,239,614
NCCAM	31	\$4,513,920	39	\$5,512,232	46	\$6,549,993	44	\$6,264,392	43	\$5,847,898	51	\$6,700,788	55	\$7,487,419
NCI	490	\$69,545,790	500	\$72,410,211	537	\$75,504,966	550	\$79,731,039	523	\$78,108,607	528	\$79,837,453	501	\$79,665,676
NCMHD	0	\$0	0	\$0	0	\$0	0	\$0	1	\$88,549	1	\$85,309	0	\$0
NCRR	170	\$31,255,195	182	\$35,296,265	213	\$50,452,709	231	\$76,696,194	213	\$70,945,093	161	\$73,404,460	138	\$70,053,004
NEI	54	\$8,339,760	57	\$10,533,071	69	\$13,632,389	63	\$14,249,131	68	\$15,320,076	72	\$16,808,443	64	\$11,983,253
NHGRI	34	\$5,663,954	32	\$5,911,857	22	\$3,820,142	17	\$3,214,173	16	\$2,917,280	11	\$1,979,866	8	\$1,670,844
NHLBI	555	\$73,738,383	562	\$75,725,117	520	\$66,554,503	504	\$67,373,205	524	\$73,263,083	555	\$79,544,863	577	\$85,471,134
NIA	181	\$23,233,207	192	\$25,016,904	199	\$26,448,559	205	\$28,714,571	221	\$30,653,287	223	\$30,943,526	229	\$30,929,657
NIAAA	80	\$9,648,210	75	\$9,694,405	88	\$11,797,847	84	\$11,353,922	83	\$11,600,798	94	\$13,525,784	97	\$14,671,382
NIAID	286	\$33,513,537	316	\$37,120,713	329	\$39,079,834	318	\$38,459,453	315	\$38,413,503	301	\$36,995,479	311	\$39,087,321
NIAMS	127	\$14,871,915	137	\$16,133,129	136	\$15,944,086	142	\$16,805,527	150	\$17,994,027	160	\$19,350,527	154	\$19,025,283
NIBIB	9	\$1,182,315	17	\$2,119,620	21	\$2,976,566	25	\$3,512,926	32	\$4,300,054	35	\$4,586,658	33	\$4,094,078
NICHD	229	\$46,508,183	253	\$57,647,981	271	\$75,476,847	260	\$55,126,969	299	\$62,911,324	290	\$62,637,998	292	\$62,897,624
NIDA	230	\$31,019,067	244	\$33,219,898	248	\$34,839,393	247	\$35,638,666	258	\$38,287,475	257	\$38,855,699	251	\$38,889,689
NIDCD	39	\$6,158,438	42	\$7,225,502	43	\$7,250,705	40	\$6,656,313	41	\$6,666,541	37	\$5,340,016	32	\$4,599,161
NIDCR	98	\$12,045,328	90	\$11,649,962	98	\$12,488,587	85	\$11,433,886	79	\$9,698,782	79	\$9,576,955	75	\$9,206,186
NIDDK	459	\$57,119,044	476	\$59,449,253	498	\$63,232,292	513	\$65,064,532	524	\$67,266,889	530	\$71,214,223	513	\$71,483,731
NIEHS	42	\$4,723,063	46	\$5,294,314	41	\$4,938,318	35	\$4,252,377	44	\$5,585,876	48	\$6,204,425	40	\$5,897,017
NIGMS	42	\$9,785,963	62	\$12,250,673	61	\$13,509,434	67	\$13,215,124	87	\$16,005,288	103	\$19,162,962	89	\$18,201,656
NIMH	485	\$67,204,075	518	\$73,477,347	509	\$73,657,375	478	\$71,111,794	460	\$69,654,724	434	\$66,240,553	400	\$61,501,466
NINDS	212	\$31,612,484	240	\$36,844,760	272	\$42,771,314	289	\$46,905,516	293	\$47,312,298	307	\$49,466,649	281	\$44,312,911
NINR	31	\$2,824,126	32	\$2,961,875	24	\$2,495,047	23	\$2,428,088	30	\$3,104,717	32	\$3,144,643	32	\$3,281,145
NLM	0	\$0	5	\$749,589	13	\$1,997,306	20	\$3,021,099	18	\$2,539,332	12	\$1,559,729	6	\$628,693
NIH Total	3,901	\$546,396,514	4,137	\$598,477,912	4,258	\$645,418,212	4,255	\$662,995,825	4,334	\$679,798,172	4,331	\$698,281,957	4,189	\$686,277,944





Individual Research Career Development Awards

Awards by Institute / Center

Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
FIC	0	4	8	9	12	17	20	20	15	12	10	11
NCCAM		2	12	19	29	27	35	44	42	43	51	55
NCI	219	241	296	340	412	475	483	524	534	507	512	484
NCMHD				0	0	0	0	0	0	1	1	0
NCCR	18	20	62	91	125	154	166	146	140	135	102	74
NEI	43	49	50	48	50	53	51	61	55	60	65	62
NHGRI	6	5	14	22	27	34	32	22	17	16	11	8
NHLBI	423	454	505	514	544	500	507	520	496	503	534	556
NIA	118	132	130	142	154	174	189	196	202	219	221	227
NIAAA	60	68	74	85	80	80	75	88	84	83	94	97
NIAID	214	206	243	246	274	286	316	329	318	315	301	311
NIAMS	66	75	91	109	118	126	136	136	142	150	160	154
NIBIB					4	9	17	21	25	32	35	33
NICHD	84	88	106	131	140	166	184	193	192	226	216	219
NIDA	149	154	163	181	193	226	239	245	244	255	254	248
NIDCD	43	41	44	45	42	39	42	43	40	41	37	32
NIDCR	32	37	41	57	69	89	85	96	83	79	79	75
NIDDK	190	234	277	323	382	448	469	491	511	524	528	511
NIEHS	18	17	29	40	43	42	46	41	35	43	47	39
NIGMS	10	13	21	26	33	35	56	55	60	76	92	75
NIMH	338	354	384	408	446	485	517	508	477	459	433	400
NINDS	206	191	182	180	191	212	235	266	281	284	298	274
NINR	24	28	32	31	33	31	32	24	23	30	32	32
NLM	1	0	0	0	0	0	5	13	20	18	12	6
NIH Total	2,262	2,413	2,764	3,047	3,401	3,708	3,937	4,082	4,036	4,111	4,125	3,983





Individual Research Career Development Awards

Funding by Institute / Center, sorted by average amount

Legend: - <= 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | > 500

Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
NHLBI	423	454	505	514	544	500	507	520	496	503	534	556
NIMH	338	354	384	408	446	485	517	508	477	459	433	400
NCI	219	241	296	340	412	475	483	524	534	507	512	484
NIDDK	190	234	277	323	382	448	469	491	511	524	528	511
NIAID	214	206	243	246	274	286	316	329	318	315	301	311
NINDS	206	191	182	180	191	212	235	266	281	284	298	274
NIDA	149	154	163	181	193	226	239	245	244	255	254	248
NIA	118	132	130	142	154	174	189	196	202	219	221	227
NICHD	84	88	106	131	140	166	184	193	192	226	216	219
NIAMS	66	75	91	109	118	126	136	136	142	150	160	154
NCRR	18	20	62	91	125	154	166	146	140	135	102	74
NIAAA	60	68	74	85	80	80	75	88	84	83	94	97
NIDCR	32	37	41	57	69	89	85	96	83	79	79	75
NEI	43	49	50	48	50	53	51	61	55	60	65	62
NIGMS	10	13	21	26	33	35	56	55	60	76	92	75
NIDCD	43	41	44	45	42	39	42	43	40	41	37	32
NIHES	18	17	29	40	43	42	46	41	35	43	47	39
NCCAM		2	12	19	29	27	35	44	42	43	51	55
NINR	24	28	32	31	33	31	32	24	23	30	32	32
NIBIB					4	9	17	21	25	32	35	33
NHGRI	6	5	14	22	27	34	32	22	17	16	11	8
FIC	0	4	8	9	12	17	20	20	15	12	10	11
NLM	1	0	0	0	0	0	5	13	20	18	12	6
NCMHD				0	0	0	0	0	0	1	1	0
Total	2,262	2,413	2,764	3,047	3,401	3,708	3,937	4,082	4,036	4,111	4,125	3,983



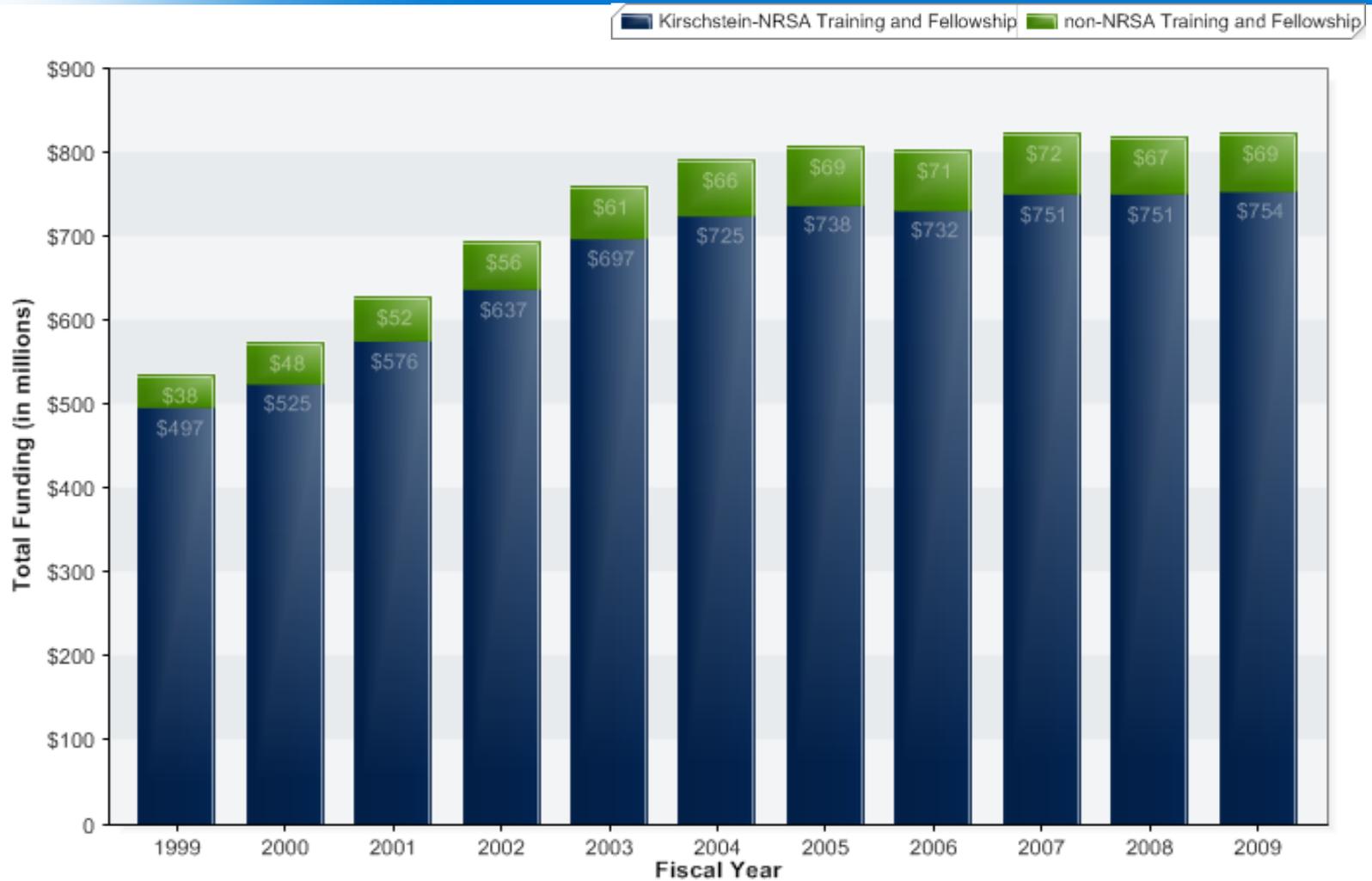


NIH RESEARCH TRAINING GRANTS AND FELLOWSHIPS



Research training grants and fellowships

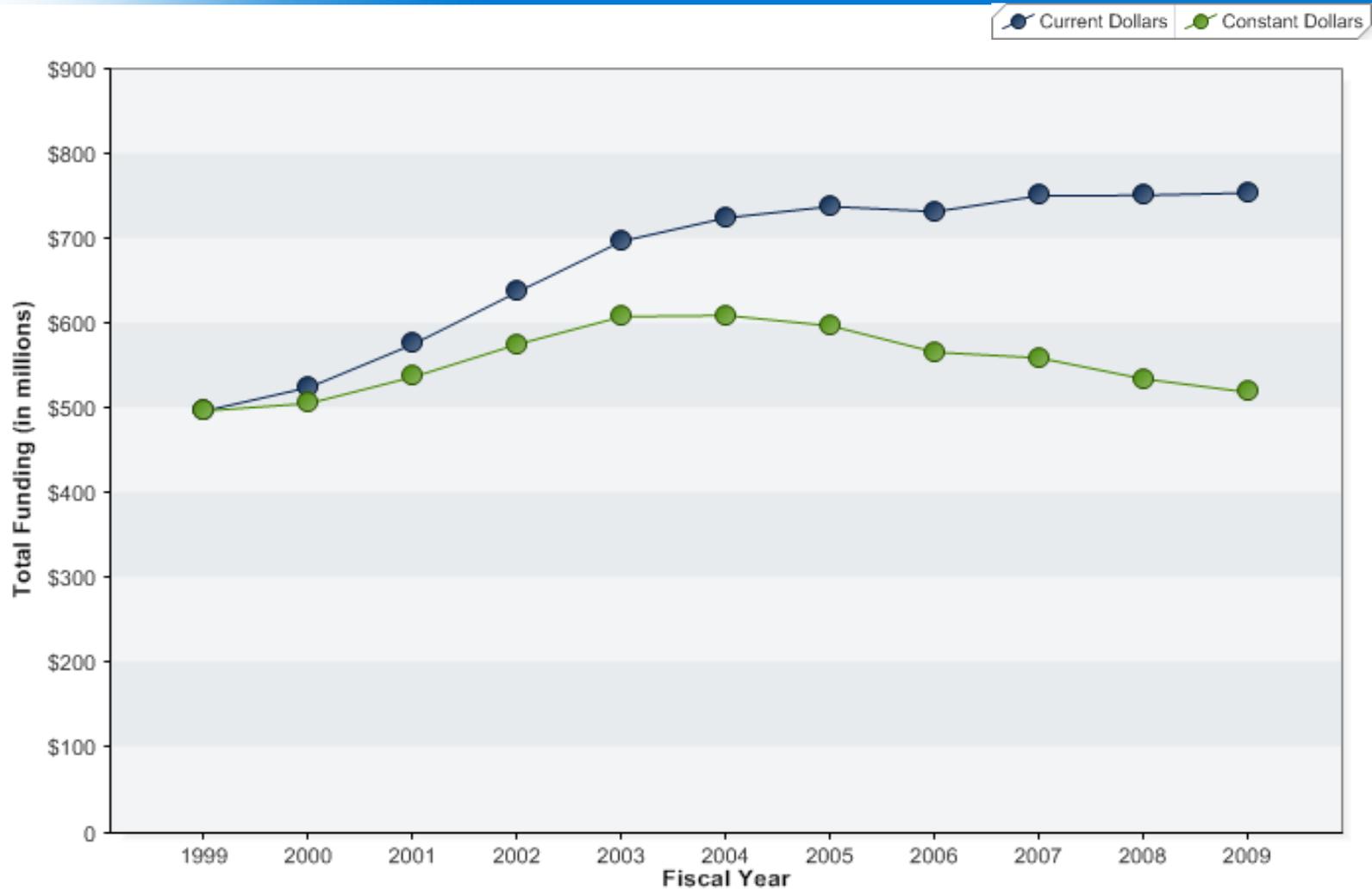
Funding of Kirschstein-NRSA and non-NRSA awards





Kirschstein-NRSA Training Grants And Fellowships

Funding in current and constant dollars





Kirschstein-NRSA training grants and fellowships

Funding by activity

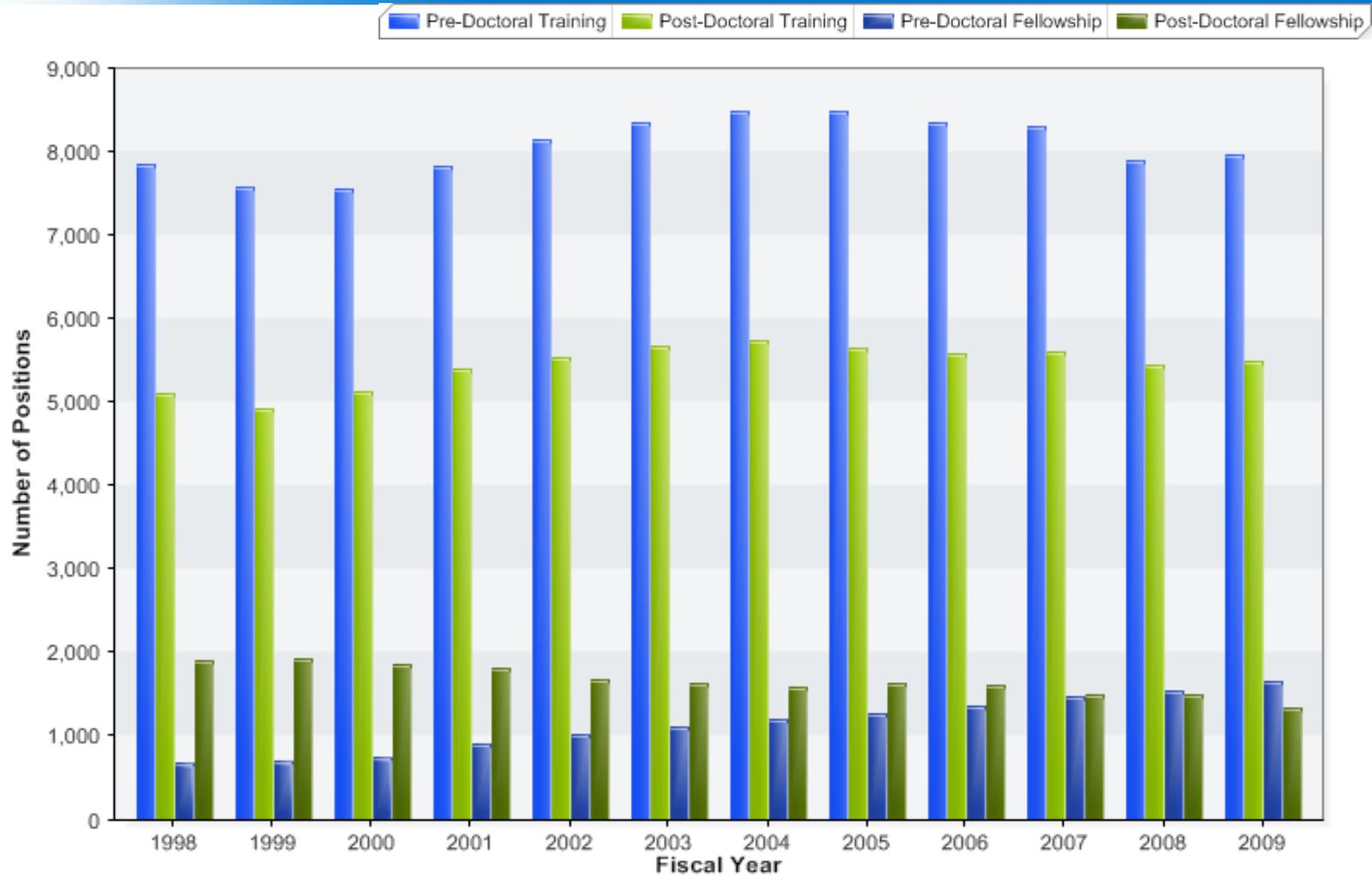
Type	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total Funding	\$416,981,710	\$497,221,402	\$525,011,526	\$575,864,325	\$637,481,879	\$697,212,028	\$724,666,329	\$737,958,545	\$731,945,697	\$750,636,163	\$751,152,460	\$754,023,160
F30	\$1,215,913	\$1,527,853	\$1,864,752	\$2,254,972	\$3,016,882	\$3,720,575	\$4,715,285	\$5,471,693	\$6,227,095	\$7,262,517	\$9,317,342	\$12,843,011
F31	\$12,592,574	\$15,182,943	\$16,727,887	\$21,909,345	\$25,796,400	\$30,084,619	\$33,832,418	\$35,668,413	\$39,085,839	\$41,115,964	\$41,017,503	\$42,278,259
F32	\$54,530,570	\$67,630,039	\$66,622,489	\$69,452,195	\$71,436,894	\$72,838,163	\$72,598,477	\$76,513,573	\$76,972,492	\$71,497,366	\$72,056,660	\$66,087,098
F33	\$490,855	\$848,753	\$555,611	\$832,790	\$578,906	\$1,018,091	\$826,283	\$785,565	\$595,247	\$813,426	\$700,701	\$444,613
F34	\$125,847	\$148,886	\$143,428	\$78,946	\$87,445	\$135,891	\$94,517	\$86,527	\$44,110	\$44,110	\$24,030	
F35	\$45,214											
T32	\$322,729,394	\$383,036,992	\$406,751,603	\$444,921,883	\$497,424,833	\$549,907,107	\$569,191,273	\$575,344,879	\$560,609,687	\$577,967,599	\$573,025,996	\$580,933,718
T34	\$17,430,204	\$20,076,070	\$21,935,584	\$24,031,592	\$25,411,858	\$25,049,860	\$24,303,241	\$23,962,495	\$22,601,835	\$21,975,701	\$19,942,735	\$21,818,852
T35	\$6,174,952	\$7,243,693	\$7,295,450	\$7,818,793	\$7,959,251	\$9,107,591	\$9,359,119	\$9,618,065	\$8,864,103	\$8,681,193	\$7,505,582	\$7,053,139
T36	\$1,646,187	\$1,526,173	\$3,114,722	\$4,563,809	\$5,769,410	\$5,148,213	\$6,204,846	\$6,223,143	\$6,717,167	\$6,736,252	\$9,315,770	\$8,420,849
T90							\$3,335,479	\$4,076,003	\$6,937,845	\$6,722,582	\$7,234,290	\$2,345,392
TL1									\$3,215,140	\$7,628,021	\$11,011,851	\$11,798,229
TU2						\$201,918	\$205,391	\$208,189	\$75,137	\$191,432		





Kirschstein-NRSA training grants and fellowships

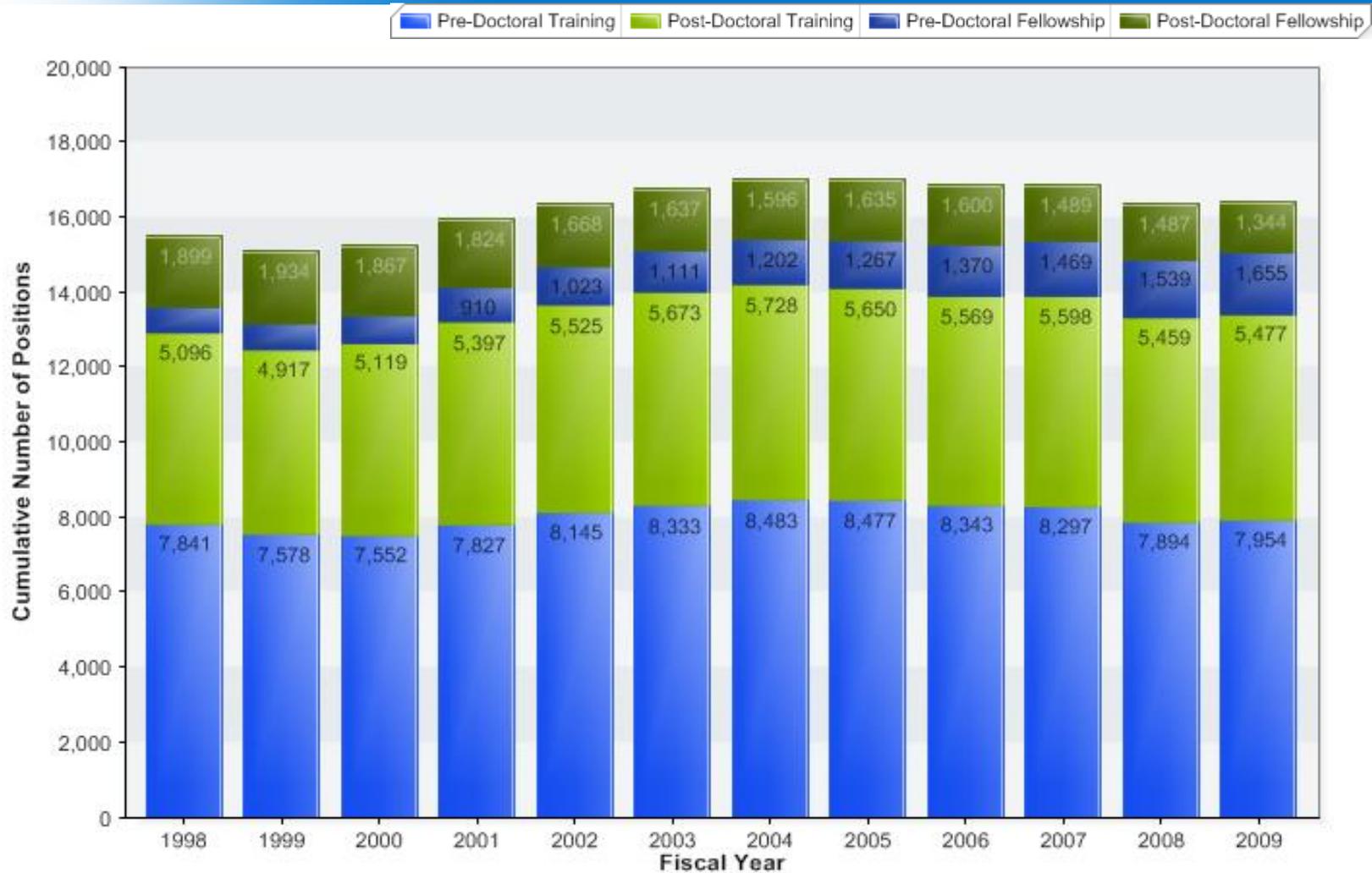
Pre- and Post-Doctoral full-time training positions awarded





Kirschstein-NRSA training grants and fellowships

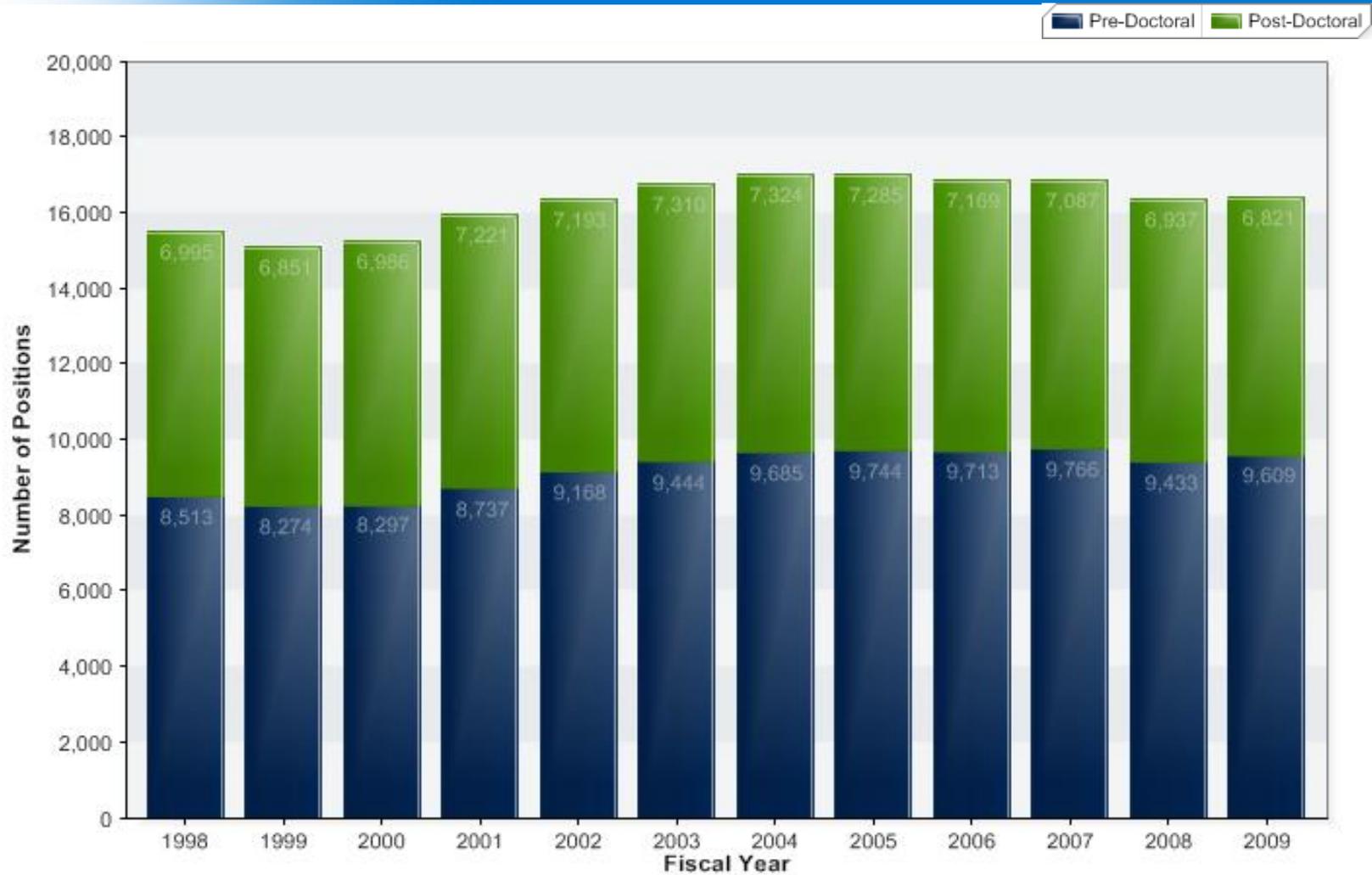
Distribution of full-time training positions, by activity and career stage





Kirschstein-NRSA training grants and fellowships

Pre- and Post-Doctoral full-time training positions awarded





Kirschstein-NRSA training grants and fellowships

Full-time training positions awarded, by Institute / Center

Legend: <= 25 50 75 100 125 150 175 200 300 400 500 1000 1500 2000 > 2000

Career Stage	NIGMS	NIAID	NIMH	NHLBI	NCI	NINDS	NICHD	NIA	NIEHS	NIDA	NIDDK	NIDCD	NIBIB	NIDCR	NIAAA	NINR	NEI	NHGRI	NIAMS	NCRR	NCCAM
Pre-Doctoral	3,815	627	613	576	500	496	456	334	316	289	252	209	199	188	164	156	143	105	81	41	27

Career Stage	NHLBI	NCI	NIDDK	NIAID	NIGMS	NIMH	NICHD	NINDS	NIDA	NIAMS	NIA	NIEHS	NIDCR	NIAAA	NIDCD	NEI	NCRR	NINR	NIBIB	NCCAM	NHGRI
Post-Doctoral	1,247	989	782	565	527	463	367	313	244	216	207	152	133	131	113	90	82	62	60	44	29

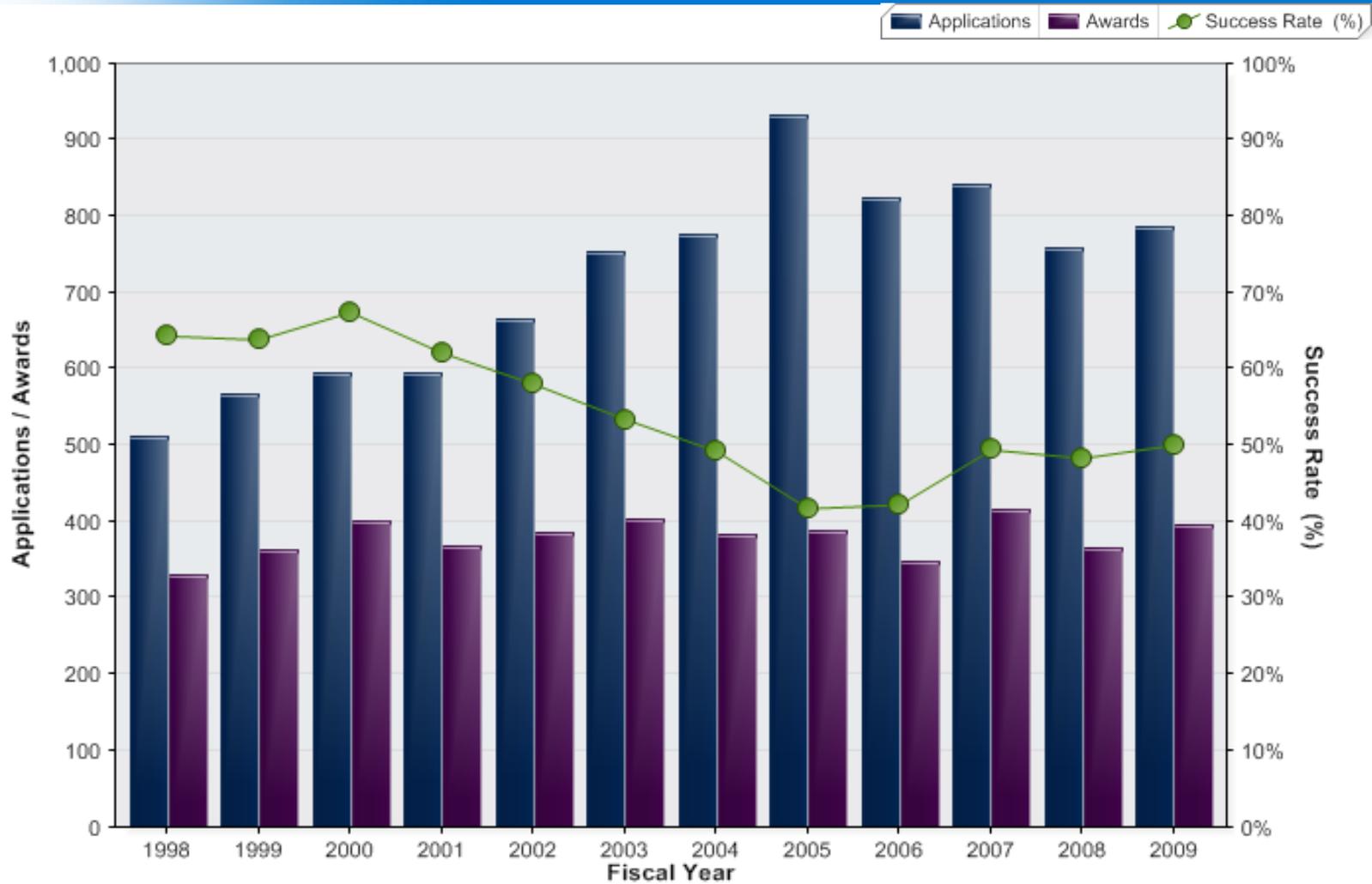
Career Stage	NIGMS	NHLBI	NCI	NIAID	NIMH	NIDDK	NICHD	NINDS	NIA	NIDA	NIEHS	NIDCD	NIDCR	NIAMS	NIAAA	NIBIB	NEI	NINR	NHGRI	NCRR	NCCAM	NIH
Pre-Doctoral	3,815	576	500	627	613	252	456	496	334	289	316	209	188	81	164	199	143	156	105	41	27	9,609
Post-Doctoral	527	1,247	989	565	463	782	367	313	207	244	152	113	133	216	131	60	90	62	29	82	44	6,821
Total FTTPs	4,342	1,823	1,489	1,192	1,076	1,034	823	809	541	533	468	322	321	297	295	259	233	218	134	123	71	16,430





Kirschstein-NRSA institutional research training grants

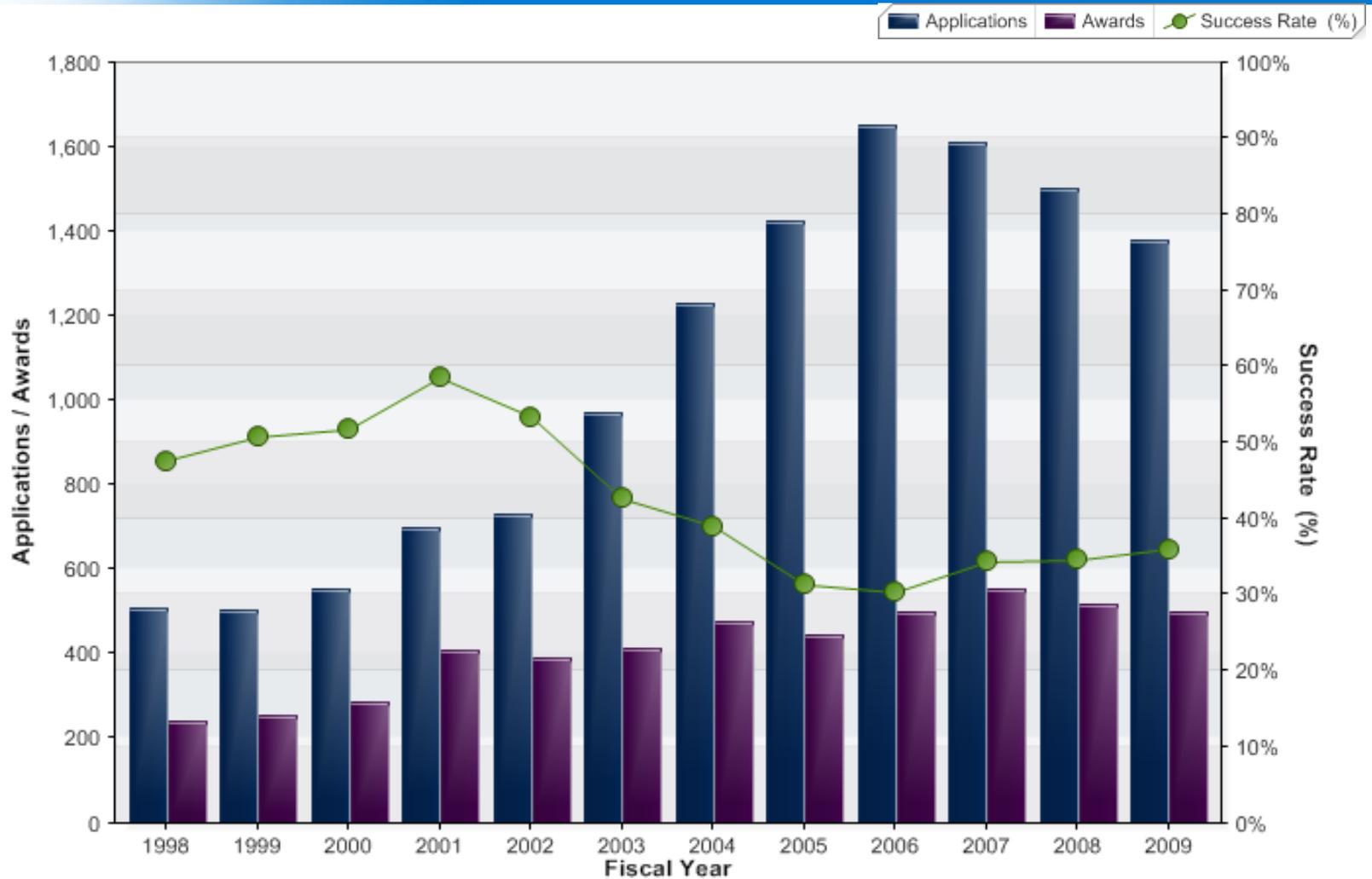
Applications, awards, and success rates





Kirschstein-NRSA pre-doctoral fellowships (F31s)

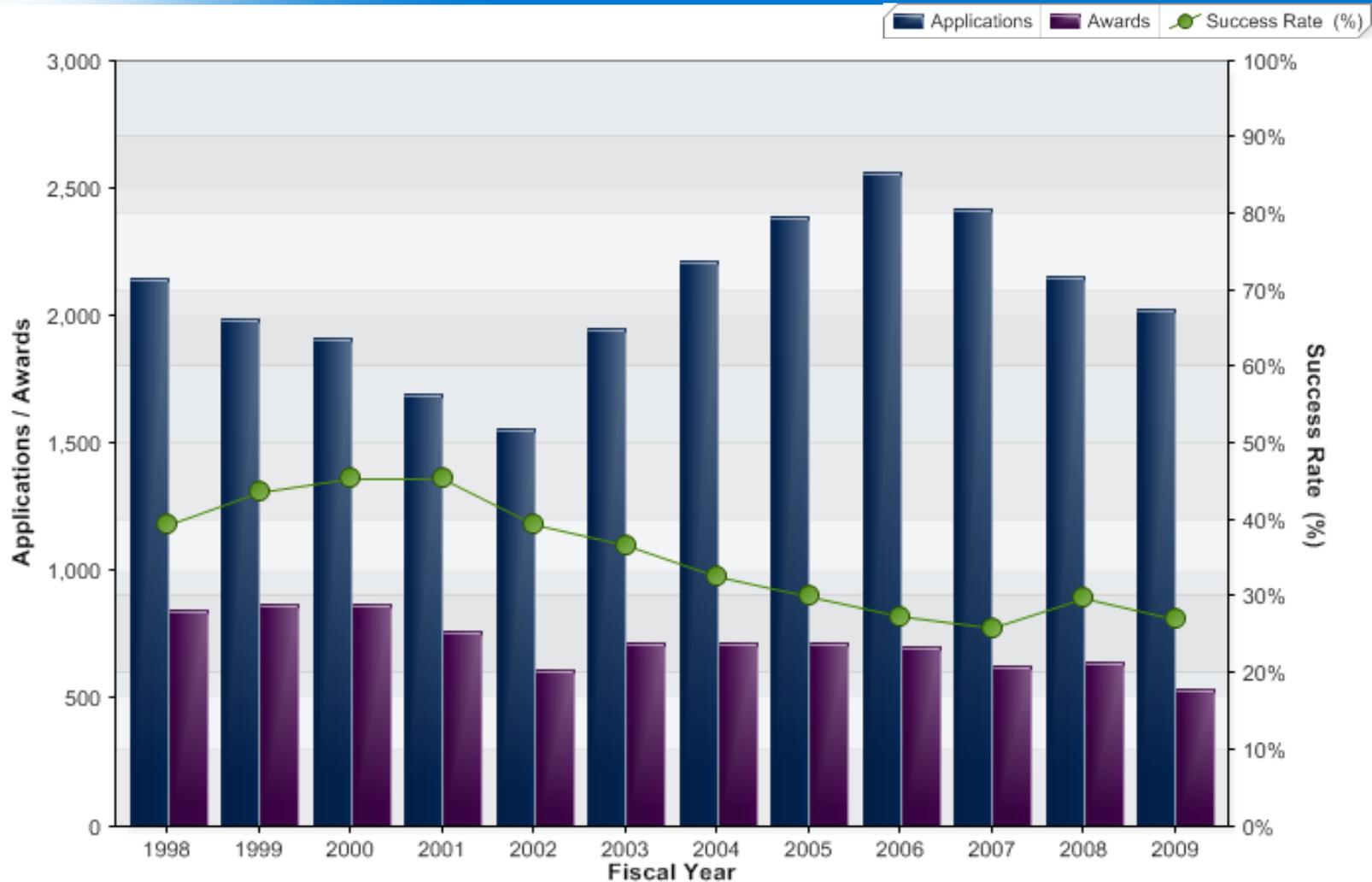
Applications, awards, and success rates





Kirschstein-NRSA post-doctoral fellowships (F32s)

Applications, awards, and success rates

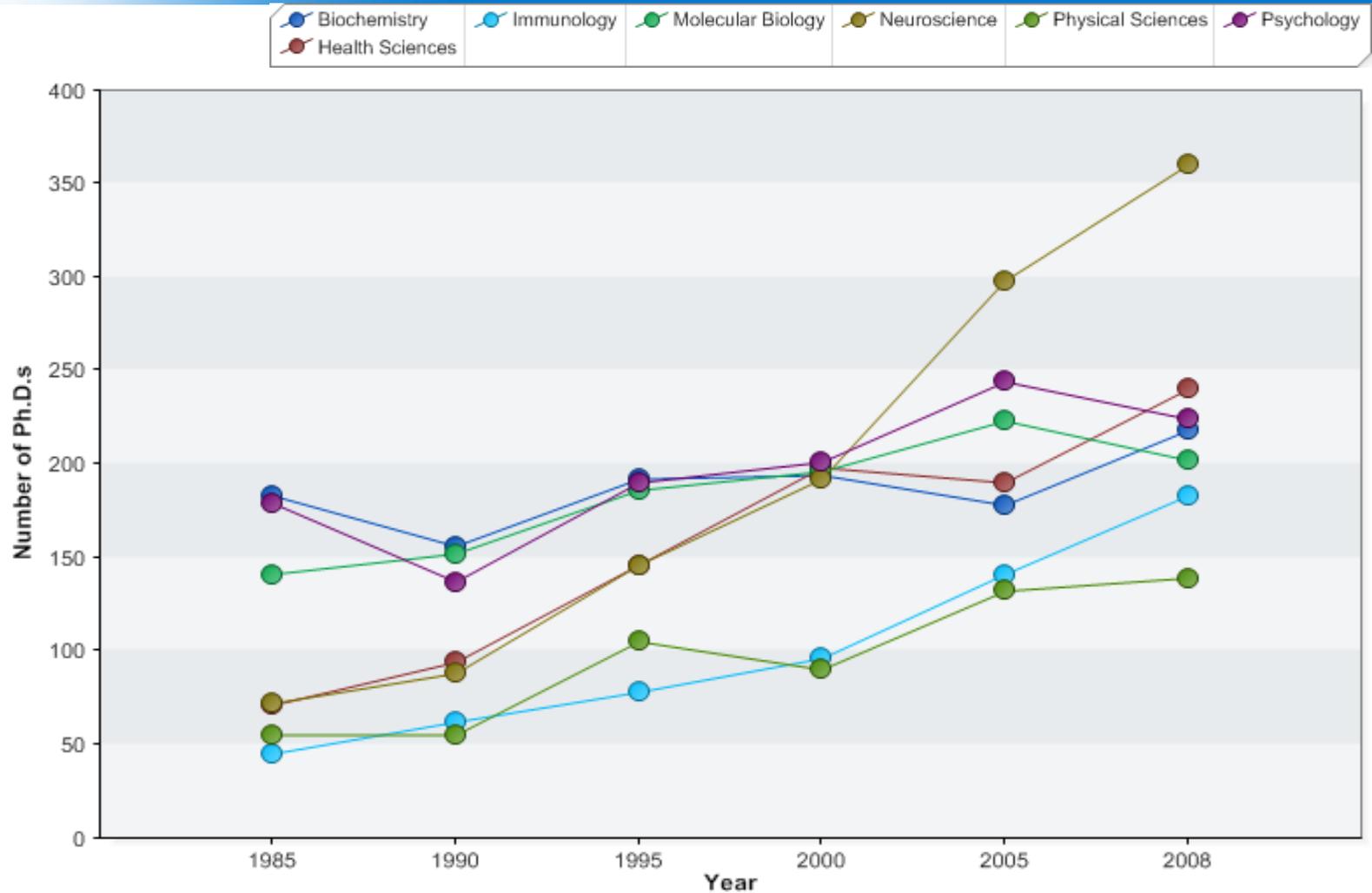




NIH-SUPPORTED DOCTORATE RECIPIENTS



Trends in major fields of study of NIH-supported doctorate recipients





NIH-Supported doctorate recipients, by field of study

Ph.D. Field of Study	Total Number of 2008 Ph.D.s	NIH-Supported Ph.D. Recipients	Percent of Doctorates in Field Supported by NIH
Life Sciences	11,088	2,369	21.4%
<u>Agricultural Sciences/Natural Resources</u>	1,201	9	0.7%
<u>Biological/Biomedical Sciences</u>	7,793	2,121	27.2%
Anatomy	25	2	8.0%
Bacteriology	22	4	18.2%
Biochemistry	895	218	24.4%
Bioinformatics	148	25	16.9%
Biology/Biological Sciences, General	150	28	18.7%
Biology/Biomedical Sciences, Other	83	14	16.9%
Biomedical Sciences	267	72	27.0%
Biometrics & Biostatistics	121	19	15.7%
Biophysics	166	49	29.5%
Biotechnology	32	2	6.3%
Botany/Plant Biology	105	4	3.8%
Cancer Biology	291	121	41.6%
Cell/Cellular Biology and Histology	378	133	35.2%
Developmental Biology/Embryology	185	69	37.3%
Ecology	439	1	0.2%
Endocrinology	22	6	27.3%
Entomology	119	2	1.7%
Evolutionary Biology	178	18	10.1%





NIH-Supported doctorate recipients , by field of study(cont'd)

Ph.D. Field of Study	Total Number of 2008 Ph.D.s	NIH-Supported Ph.D. Recipients	Percent of Doctorates in Field Supported by NIH
Immunology	425	183	43.1%
Microbiology	538	161	29.9%
Molecular Biology	784	202	25.8%
Neuroscience	880	359	40.8%
Nutritional Sciences	175	19	10.9%
Parasitology	23	9	39.1%
Pathology, Human & Animal	105	37	35.2%
Pharmacology, Human & Animal	280	100	35.7%
Physiology, Human & Animal	243	59	24.3%
Plant Genetics	47	7	14.9%
Plant Pathology/Phytopathology	29	1	3.4%
Toxicology	137	46	33.6%
Zoology, Other	62	3	4.8%
Health Sciences	2,094	240	11.5%
Environmental Health	68	10	14.7%
Environmental Toxicology	44	7	15.9%
Epidemiology	303	65	21.5%
Health Sciences, General	32	3	9.4%
Health Sciences, Other	97	11	11.3%
Health Systems/Service Administration	70	3	4.3%
Kinesiology/Exercise Sci.	212	13	6.1%
Medicinal/Pharmaceutical Sciences	279	15	5.4%
Nursing Science	505	60	11.9%
Public Health	230	35	15.2%





NIH-Supported doctorate recipients , by field of study(cont'd)

Ph.D. Field of Study	Total Number of 2008 Ph.D.s	NIH-Supported Ph.D. Recipients	Percent of Doctorates in Field Supported by NIH
Rehabilitation/Therapeutic Services	89	2	2.2%
Speech-Lang. Pathology & Audiology	112	12	10.7%
Veterinary Medicine	53	4	7.5%
Social Sciences & Psychology	7,509	287	3.8%
<u>Psychology</u>	3,361	224	6.7%
Clinical	1,137	96	8.4%
Cognitive & Psycholinguistics	181	16	8.8%
Comparative	9	1	11.1%
Counseling	418	6	1.4%
Developmental & Child	199	26	13.1%
Experimental	69	10	14.5%
Human Development & Family Studies	121	5	4.1%
Industrial & Organizational	213	1	0.5%
Personality	18	1	5.6%
Physiological/Psychobiology	81	14	17.3%
Psychology, General	205	12	5.9%
Psychology, Other	172	10	5.8%
School Psychology	132	2	1.5%
Social	204	24	11.8%
<u>Social Sciences</u>	4,148	63	1.5%
Anthropology	481	5	1.0%
Criminal Justice and Corrections	74	2	2.7%
Criminology	54	1	1.9%
Demography/Population Studies	22	6	27.3%
Economics	1,056	14	1.3%





NIH-Supported doctorate recipients , by field of study(cont'd)

Ph.D. Field of Study	Total Number of 2008 Ph.D.s	NIH-Supported Ph.D. Recipients	Percent of Doctorates in Field Supported by NIH
Geography	249	2	0.8%
Linguistics	252	6	2.4%
Public Policy Analysis	196	7	3.6%
Sociology	601	20	3.3%
Social Sciences, General	37	1	2.7%
Physical Sciences	8,129	139	1.7%
<u>Chemistry</u>	2,247	85	3.8%
<u>Computer Sciences</u>	1,786	11	0.6%
<u>Mathematics</u>	1,400	12	0.9%
<u>Physics</u>	1,586	31	2.0%
Engineering	7,862	174	2.2%
Education	6,578	13	0.2%
Humanities	4,722	3	0.1%
Other Fields	2,914	17	0.6%
Total	48,802	3,003	6.2%





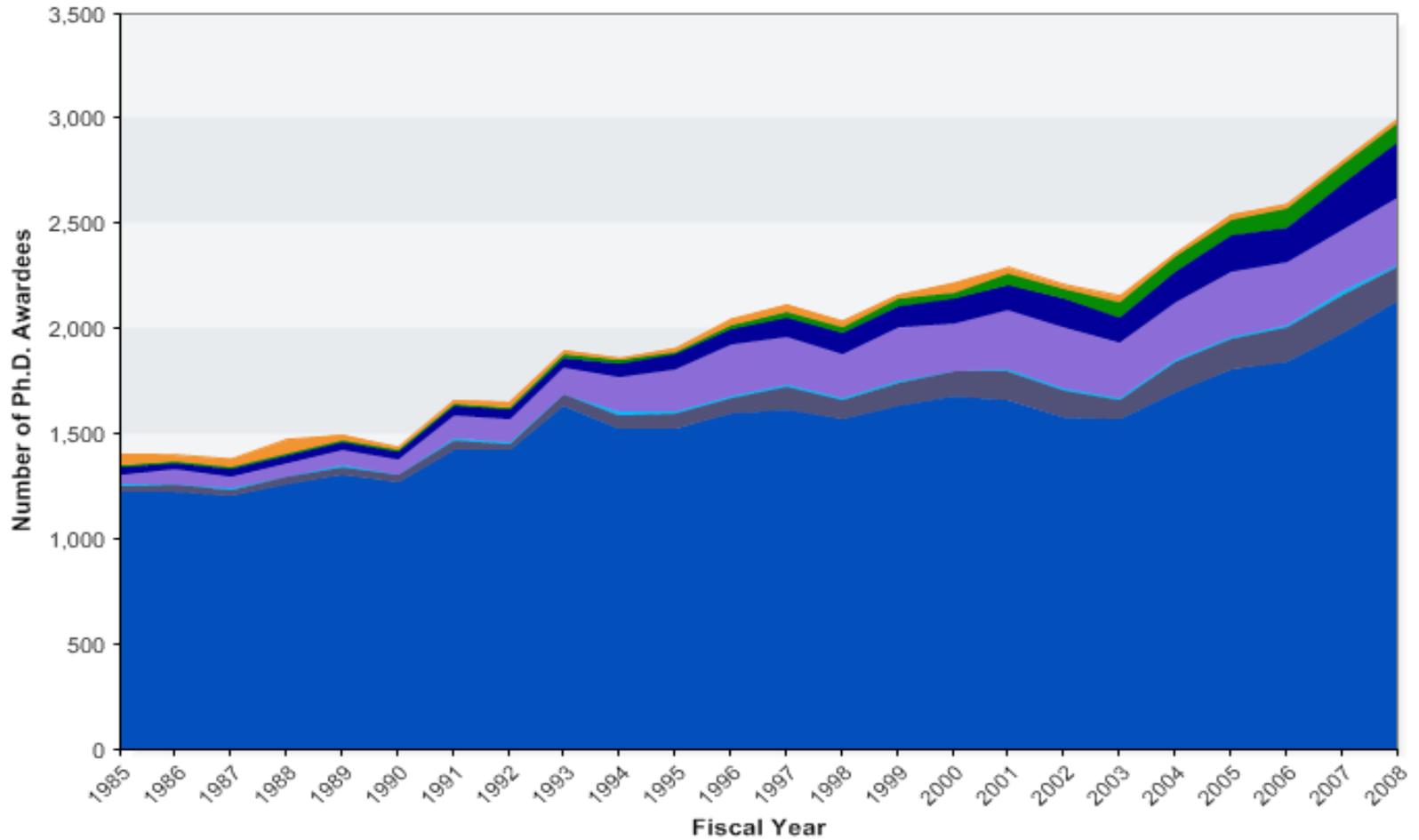
Characteristics of NIH-supported doctorate recipients

<u>Median Time to Degree for Trainees</u>	6.2 years
<u>Completion Rate for Trainees**</u>	74.4%
<u>Median Age at Ph.D.</u>	30
Gender	
Female	52.4%
Male	47.6%
Percent Married at Ph.D.	
Female	47.4%
Male	49.6%
Percent with Children at Ph.D.	
Female	19.8%
Male	19.0%
Race/Ethnicity	
American Indian/Alaskan Native	0.3%
Asian/Pacific Islander	11.0%
African American	5.7%
Hispanic	8.5%
White	71.3%
Other (including Multi-racial)	2.5%
Unknown	0.6%
Disability Status	
No Disability	94.7%
Disability	1.7%
Unknown	3.6%
Post-Graduation Plans	
Definite Plans for a Post-doc	44.0%
Definite Plans for Employment	15.4%
Indefinite	23.3%
Other	17.3%





Trends in race/ethnicity of NIH-supported doctorate recipients

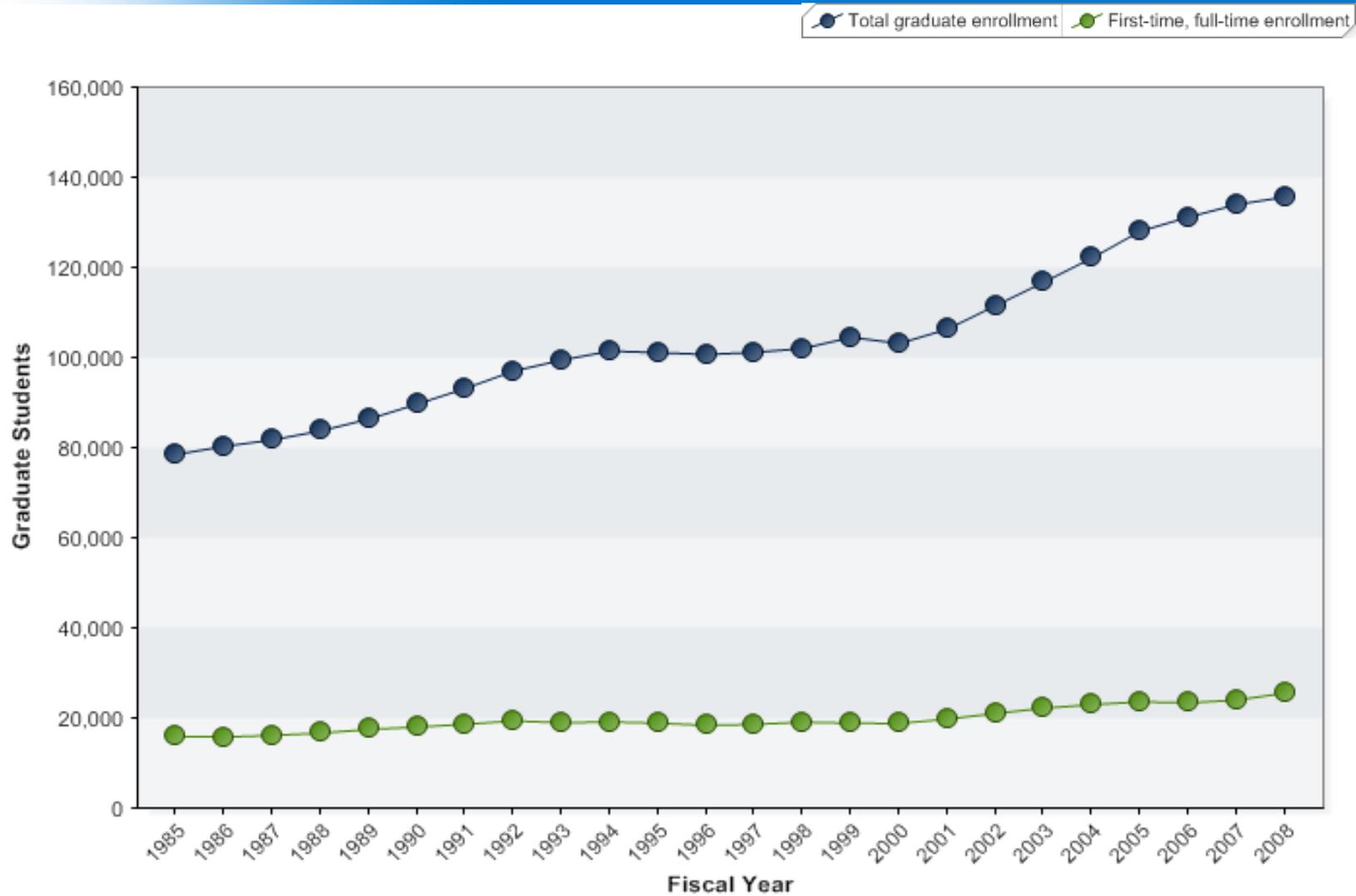




NATIONAL STATISTICS ON GRADUATE STUDENTS IN THE BIOMEDICAL, BEHAVIORAL, SOCIAL, AND CLINICAL SCIENCES

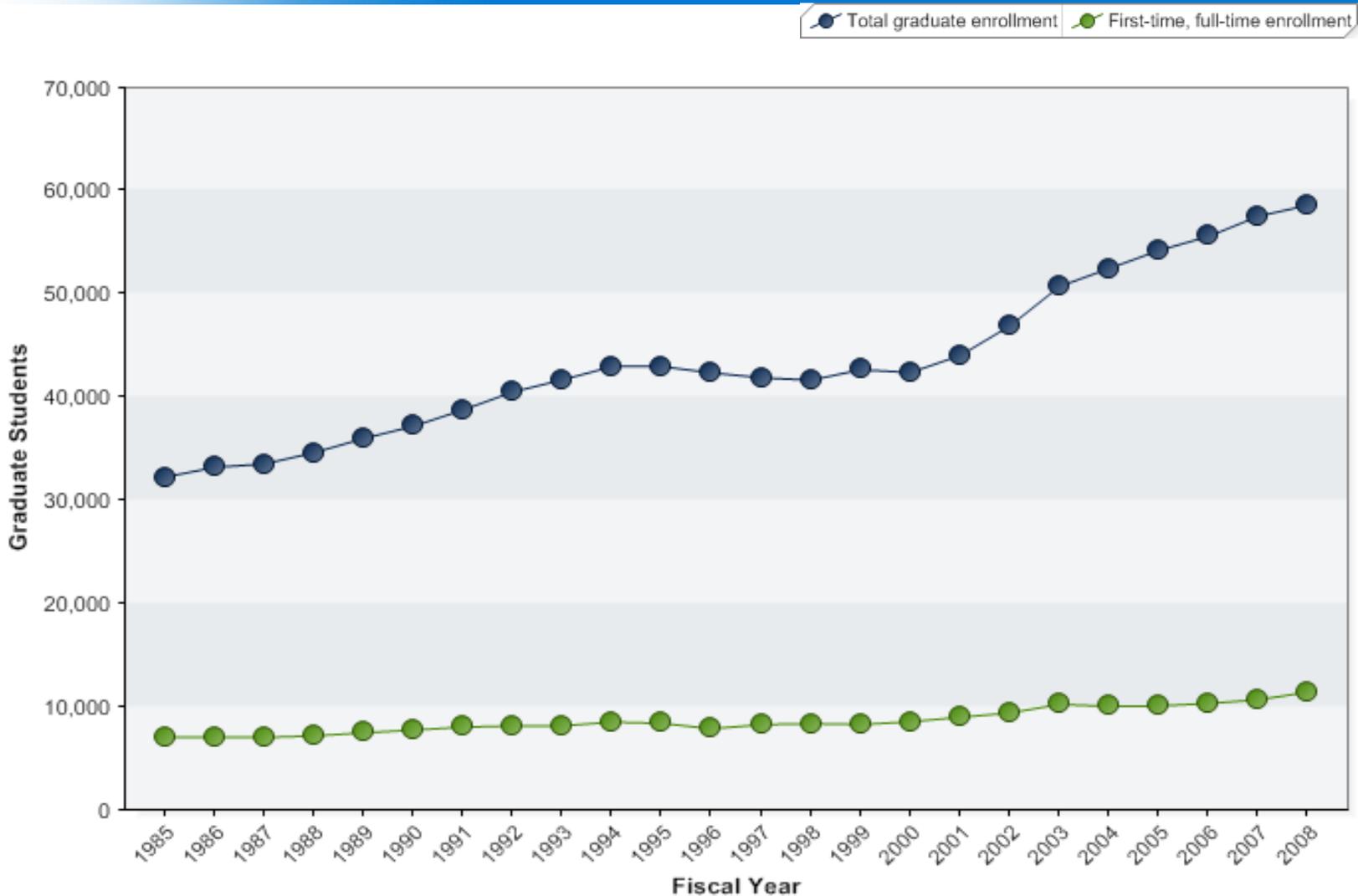


Total graduate enrollment and first-time, full-time enrollment



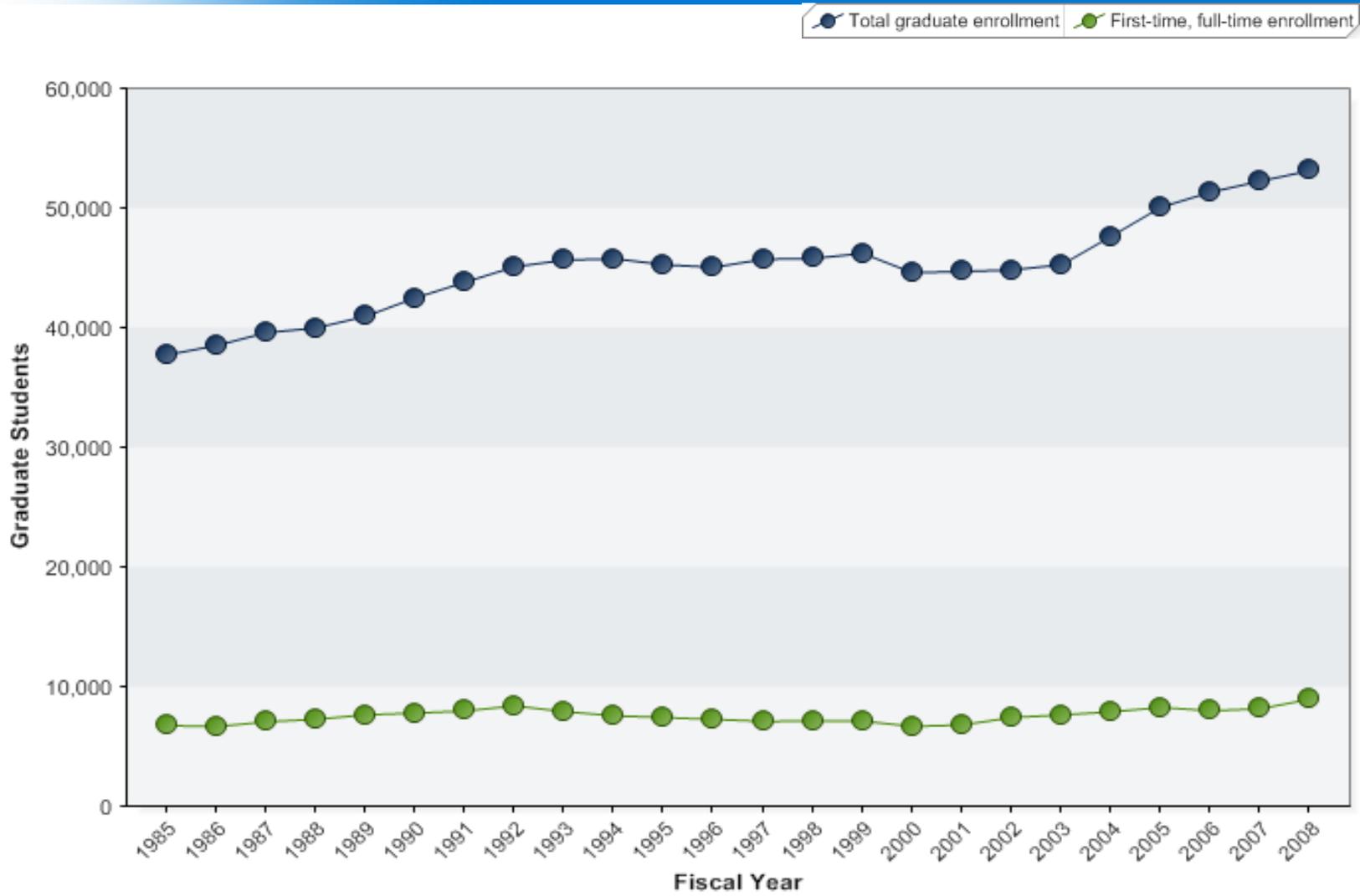


Total graduate enrollment and first-time, full-time enrollment in the biomedical sciences



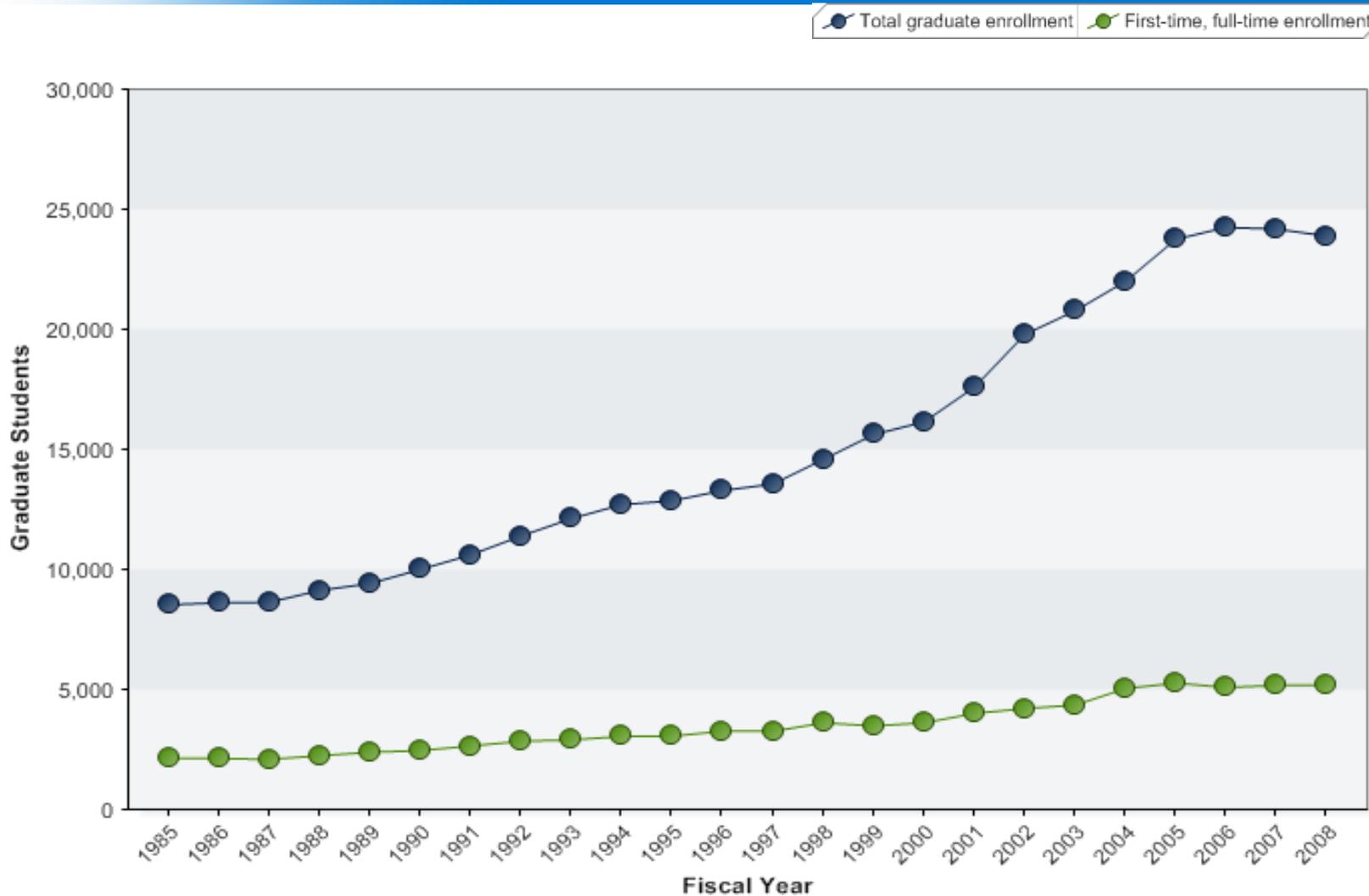


Total graduate enrollment and first-time, full-time enrollment in the behavioral and social sciences





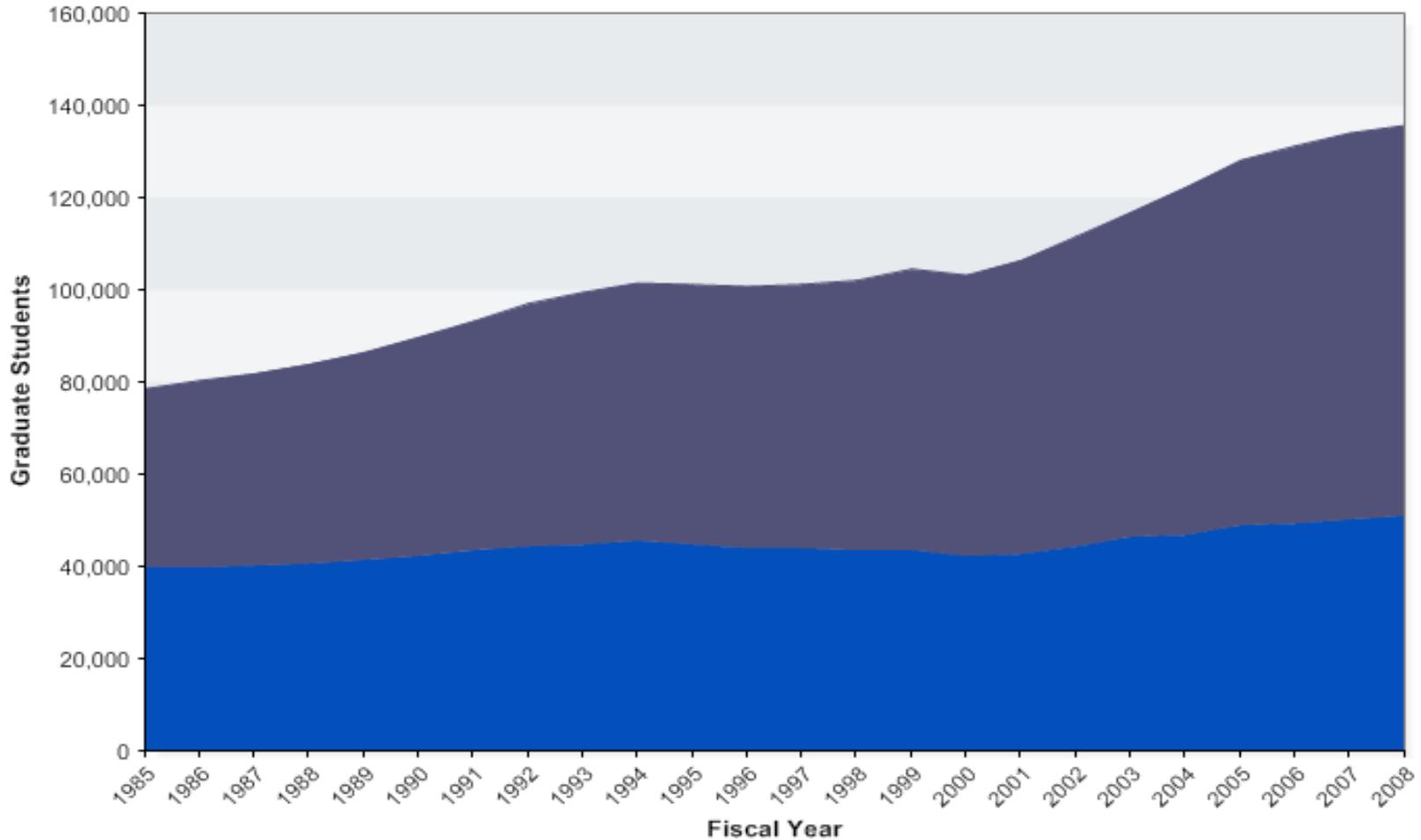
Total graduate enrollment and first-time, full-time enrollment in the clinical sciences





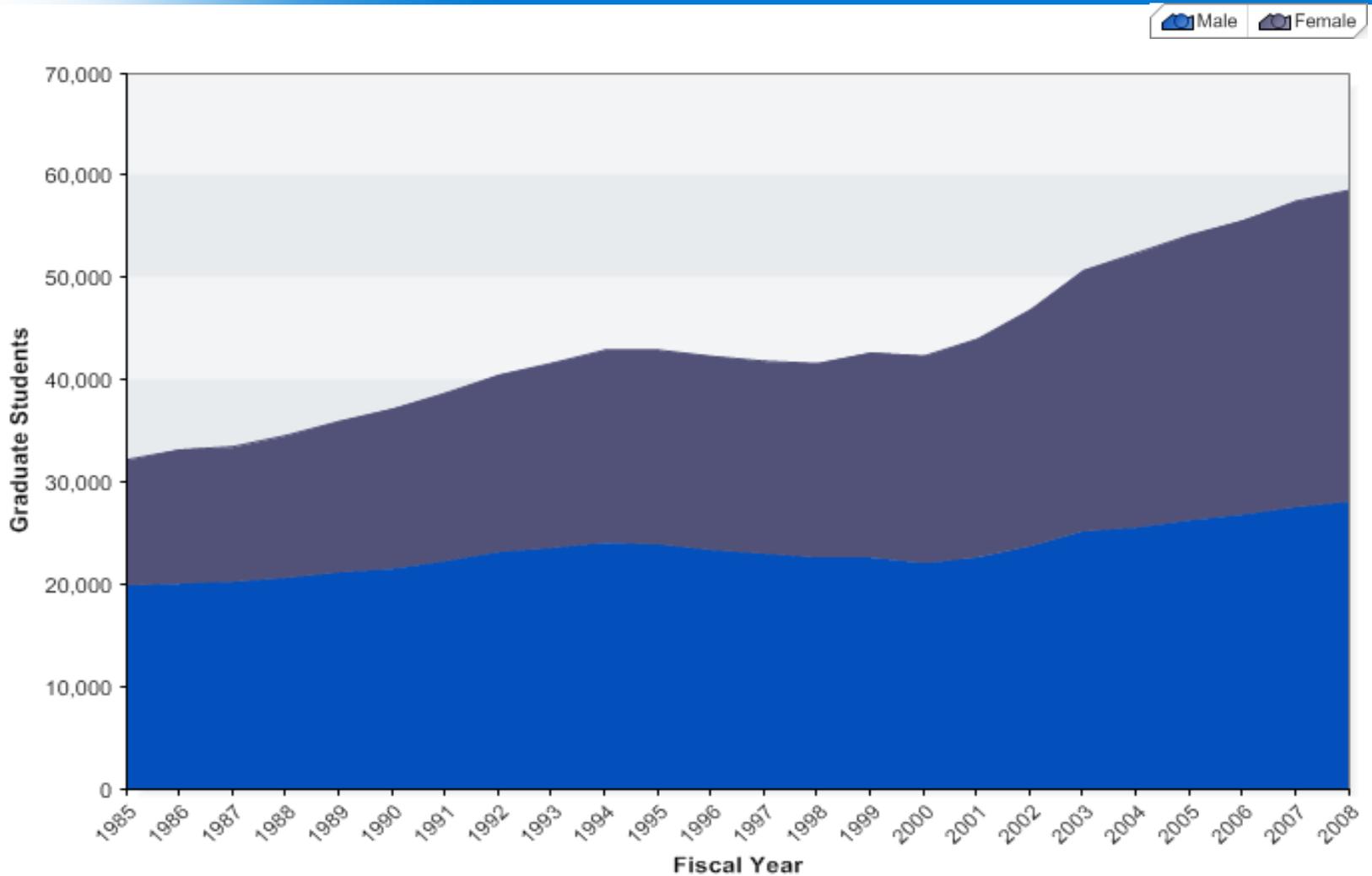
Graduate enrollment, by gender

Male Female





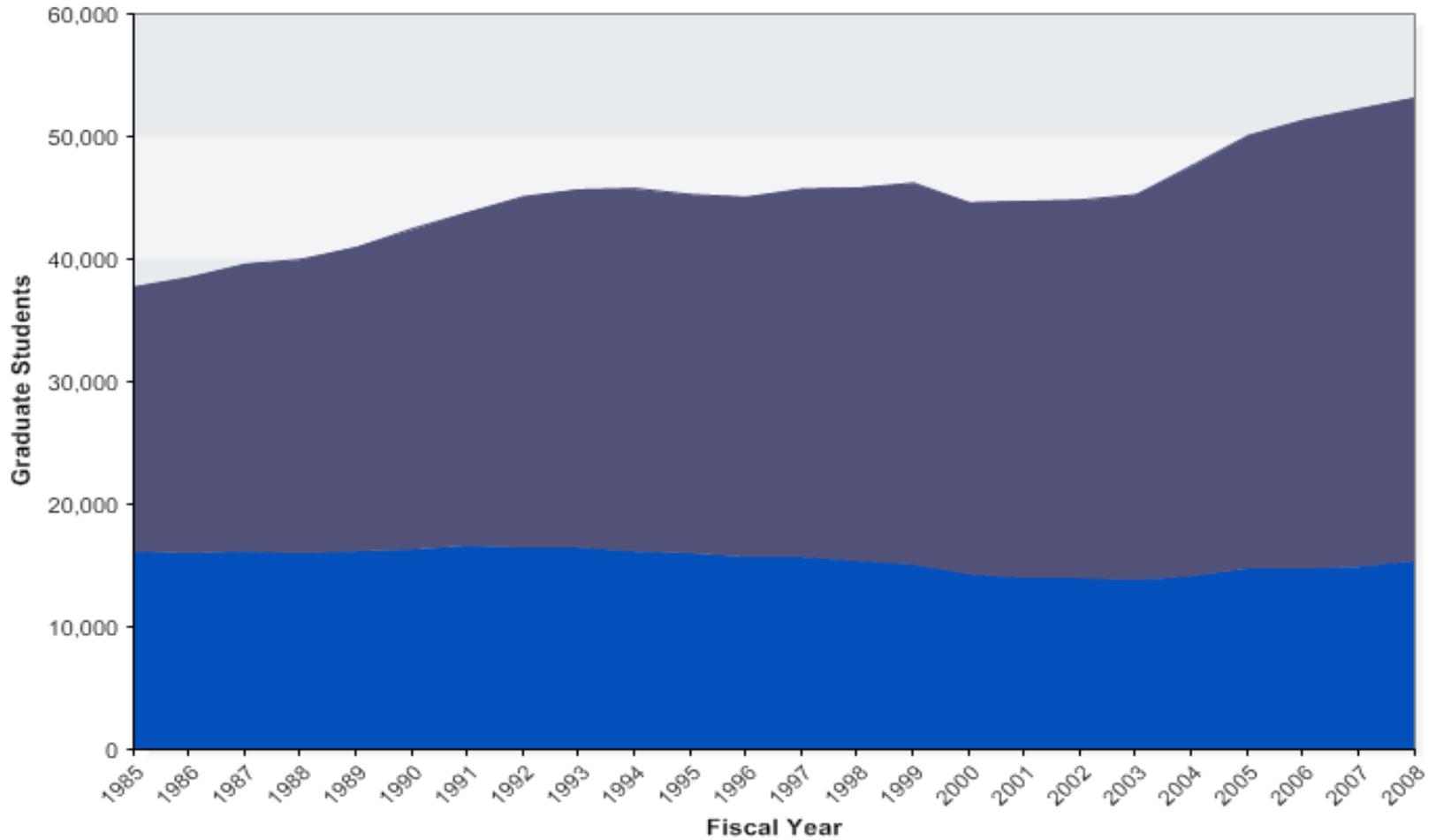
Graduate enrollment in the biomedical sciences, by gender





Graduate enrollment in the behavioral and social sciences, by gender

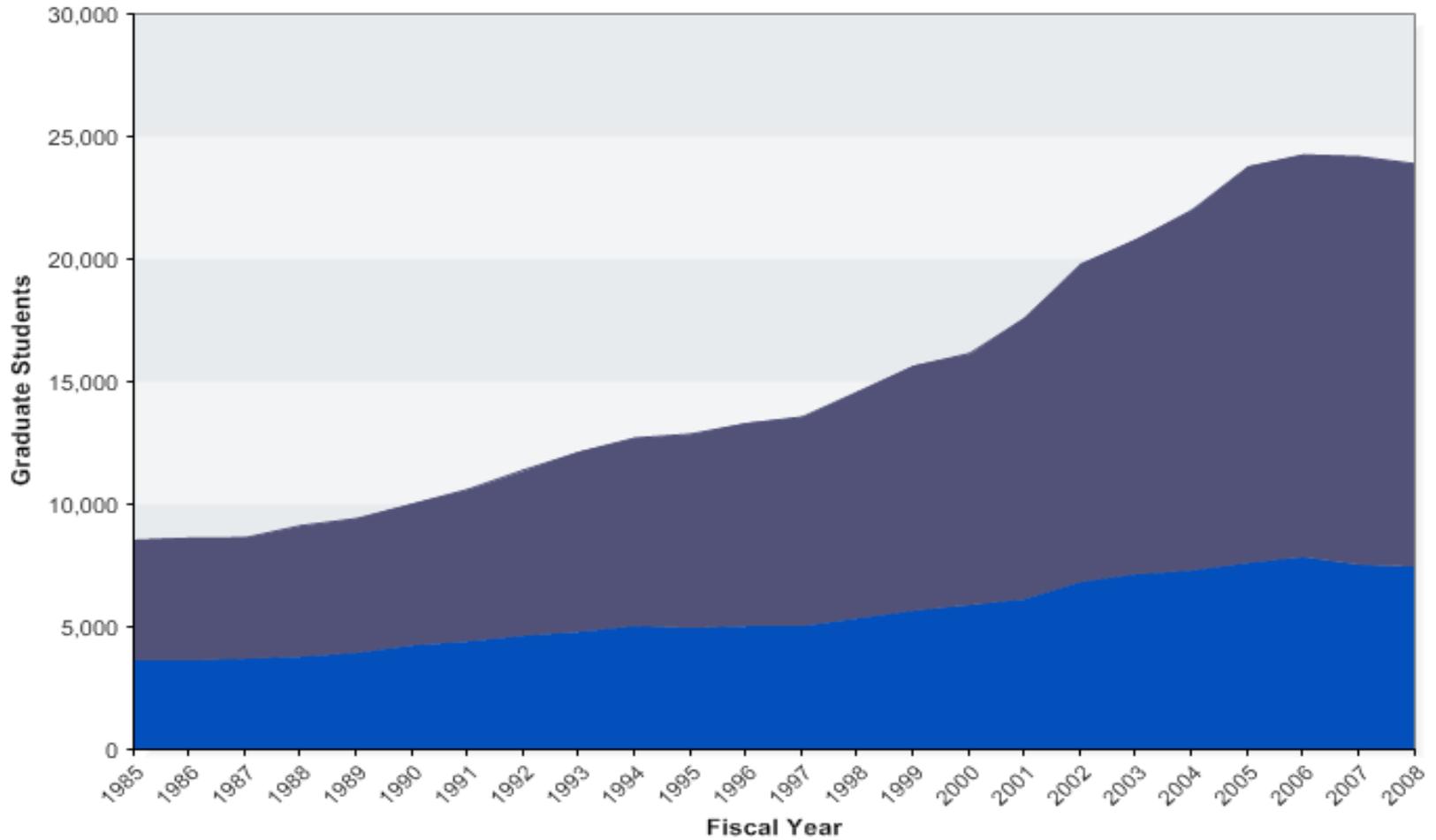
Male Female





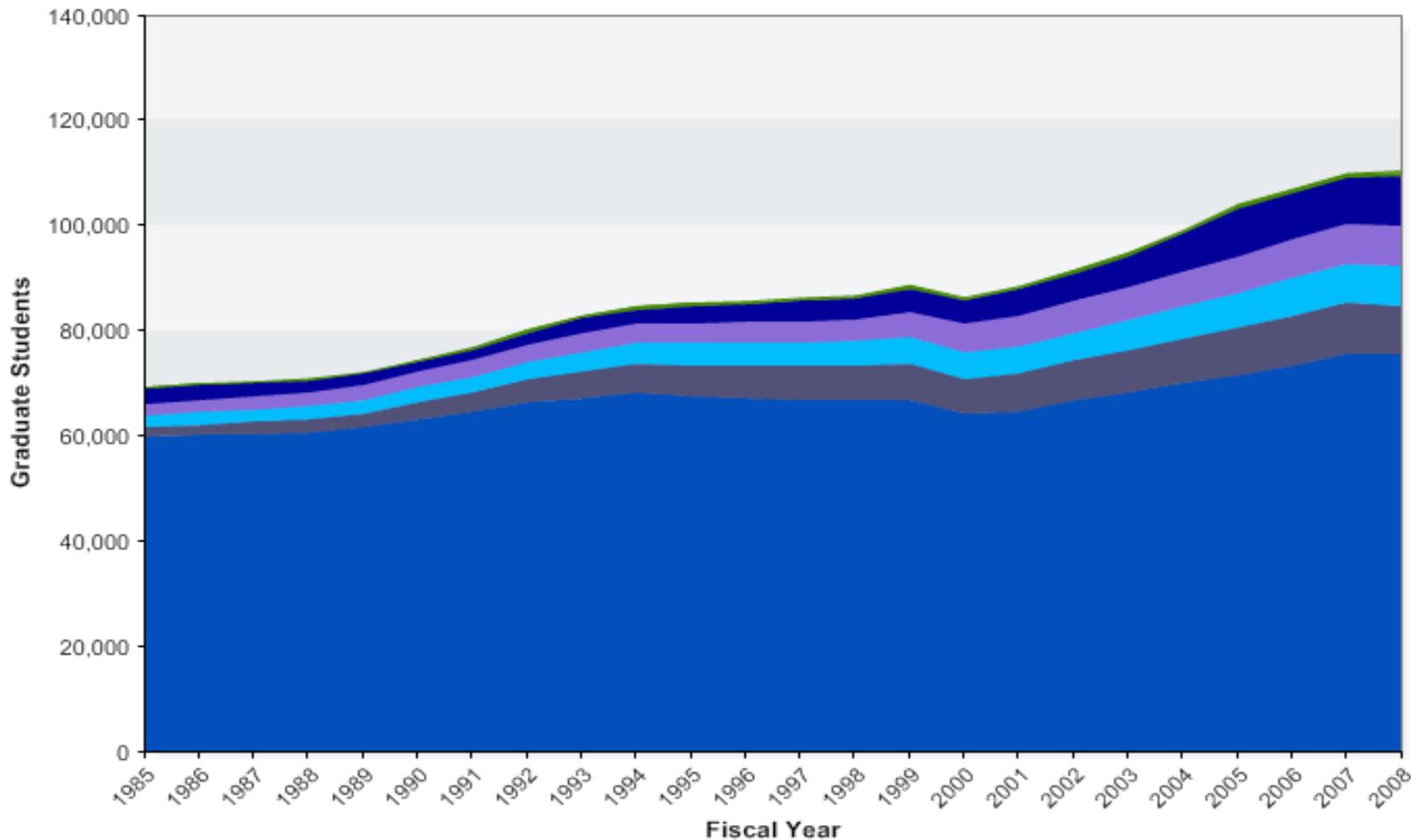
Graduate enrollment in the clinical sciences, by gender

Male Female



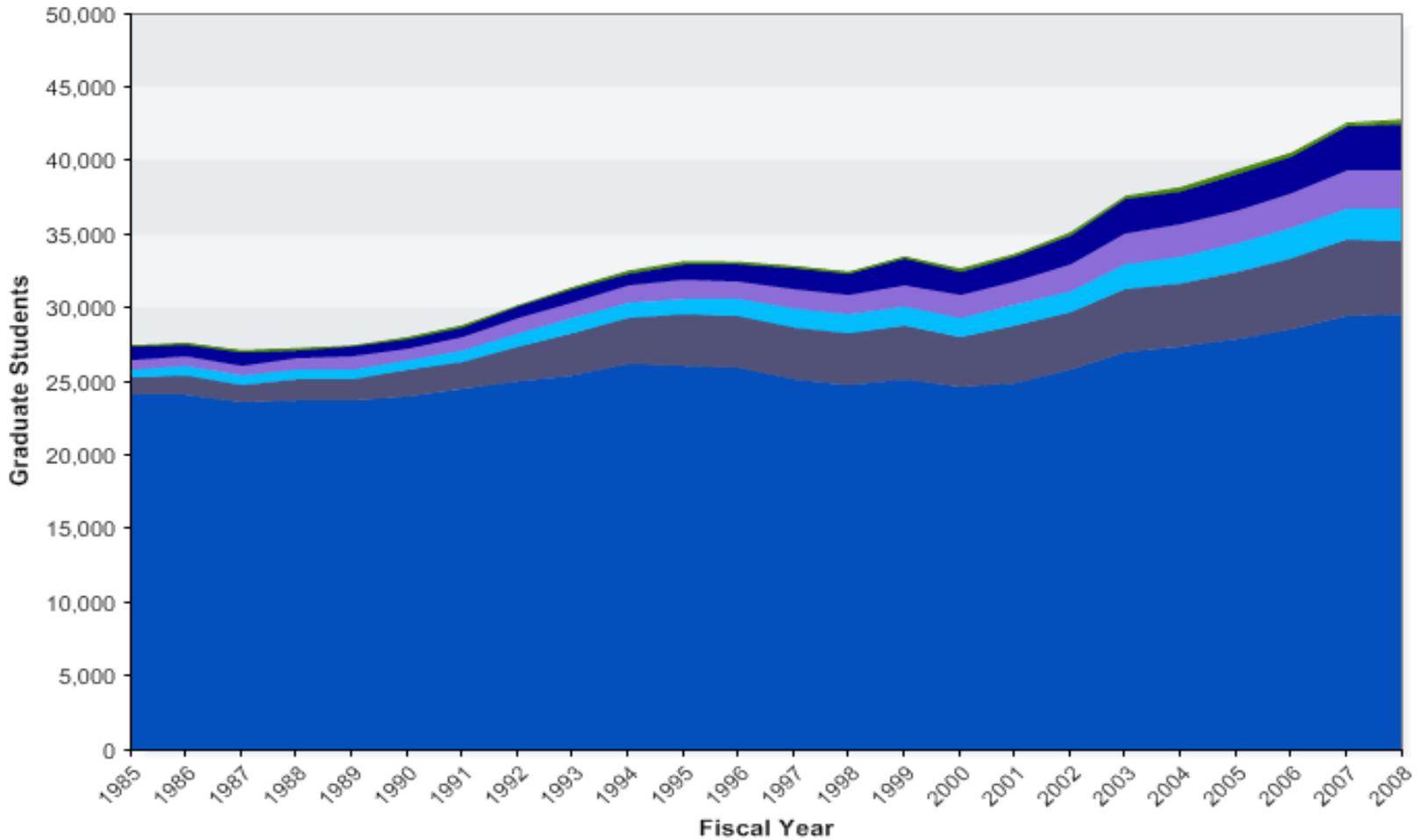


Graduate enrollment among U.S. citizens and permanent residents, by race/ethnicity



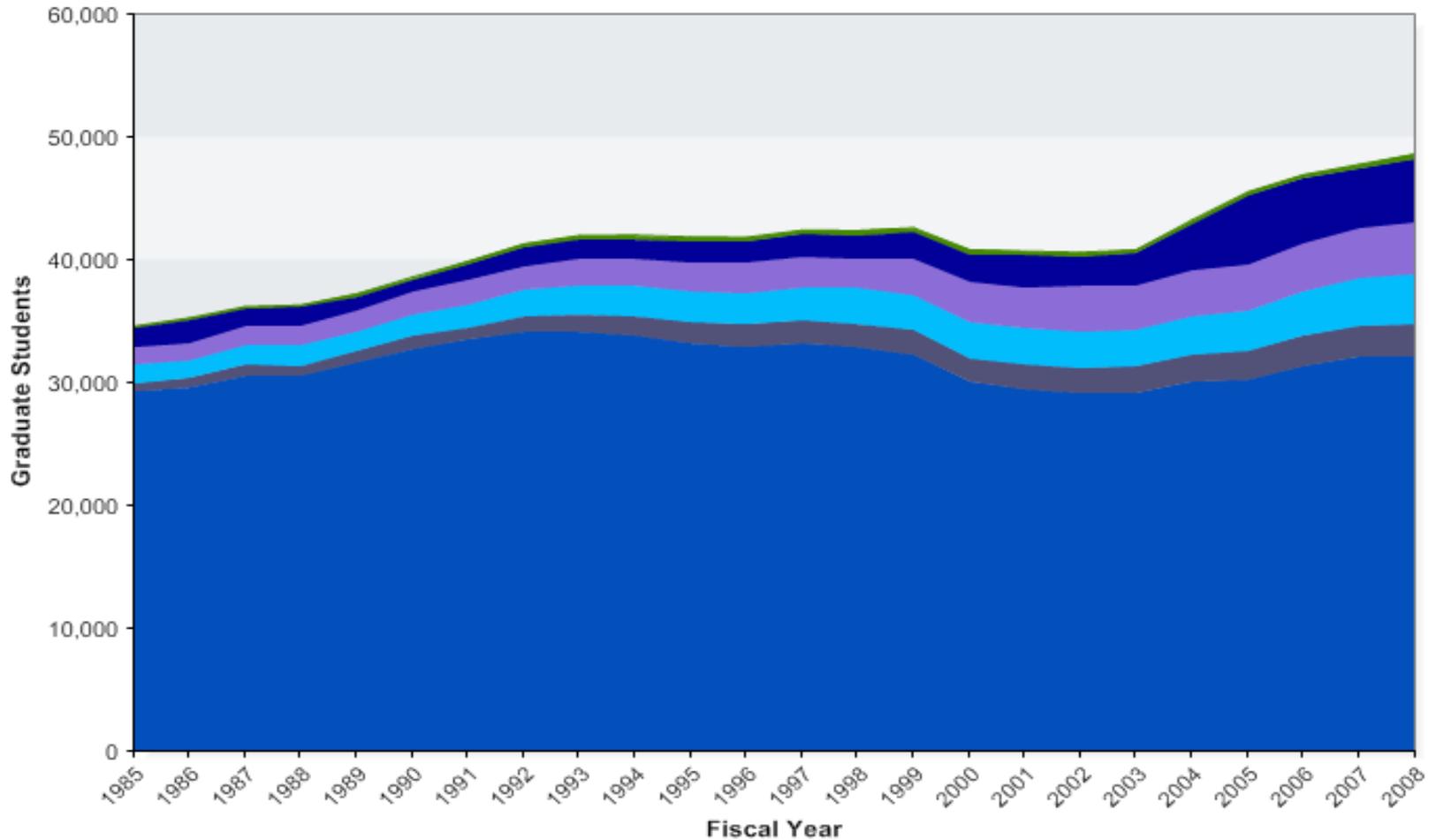


Graduate enrollment in the biomedical sciences among U.S. citizens and permanent residents, by race/ethnicity



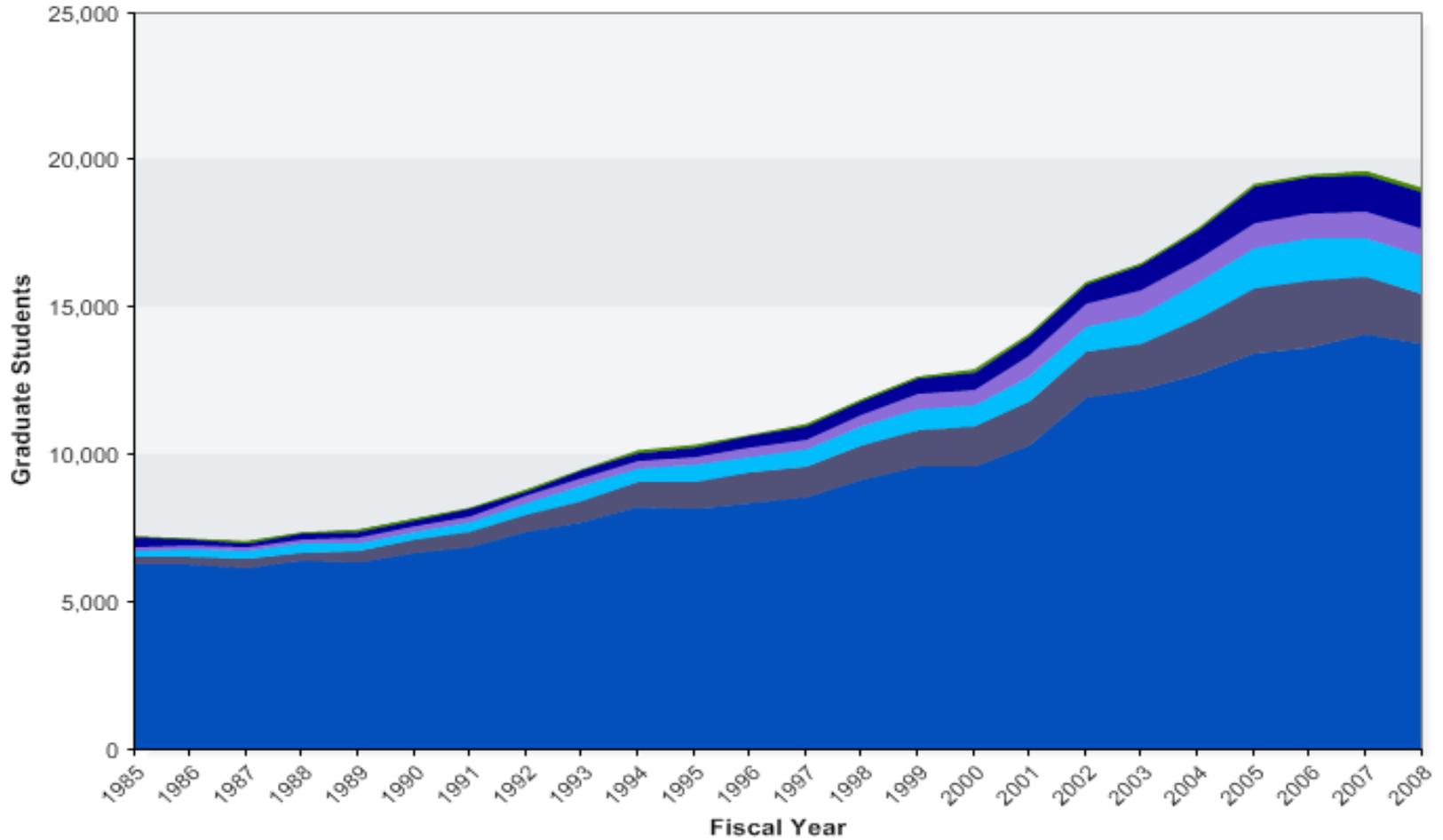


Graduate enrollment in the behavioral and social sciences among U.S. citizens and permanent residents, by race/ethnicity





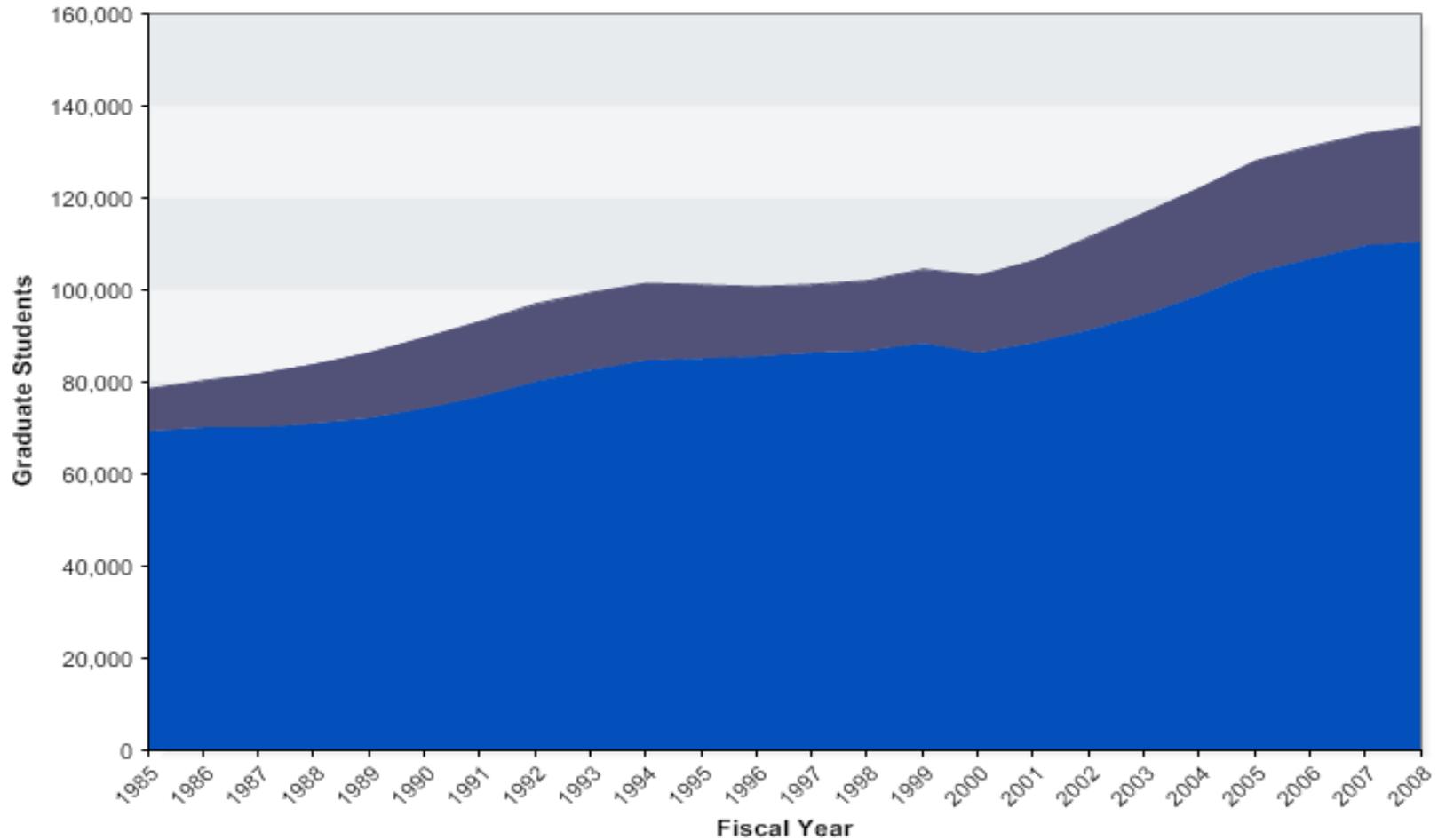
Graduate enrollment in the clinical sciences among U.S. citizens and permanent residents, by race/ethnicity





Graduate enrollment, by citizenship

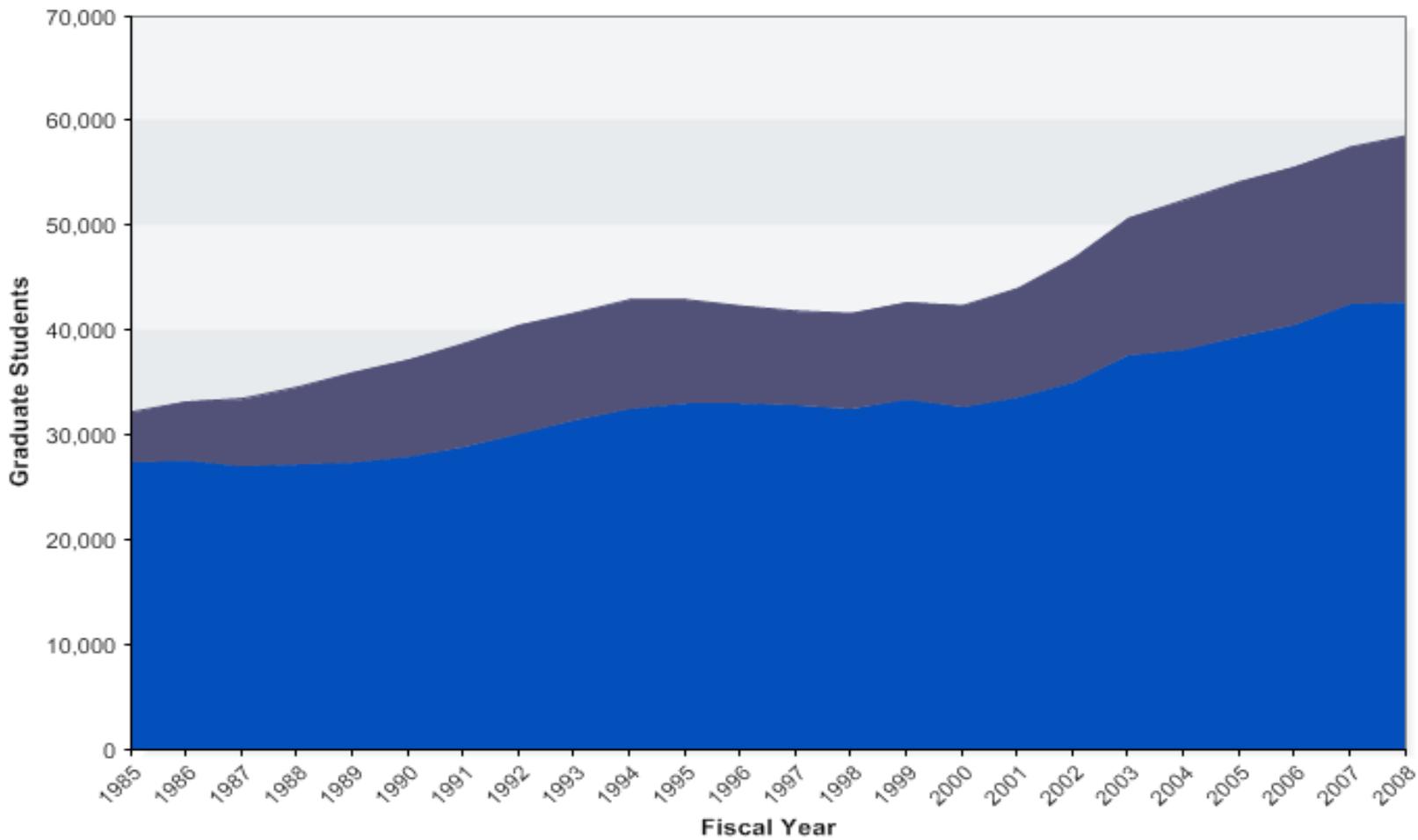
U.S. Citizens and Permanent Residents Temporary Visa Holders





Graduate enrollment in the biomedical sciences, by citizenship

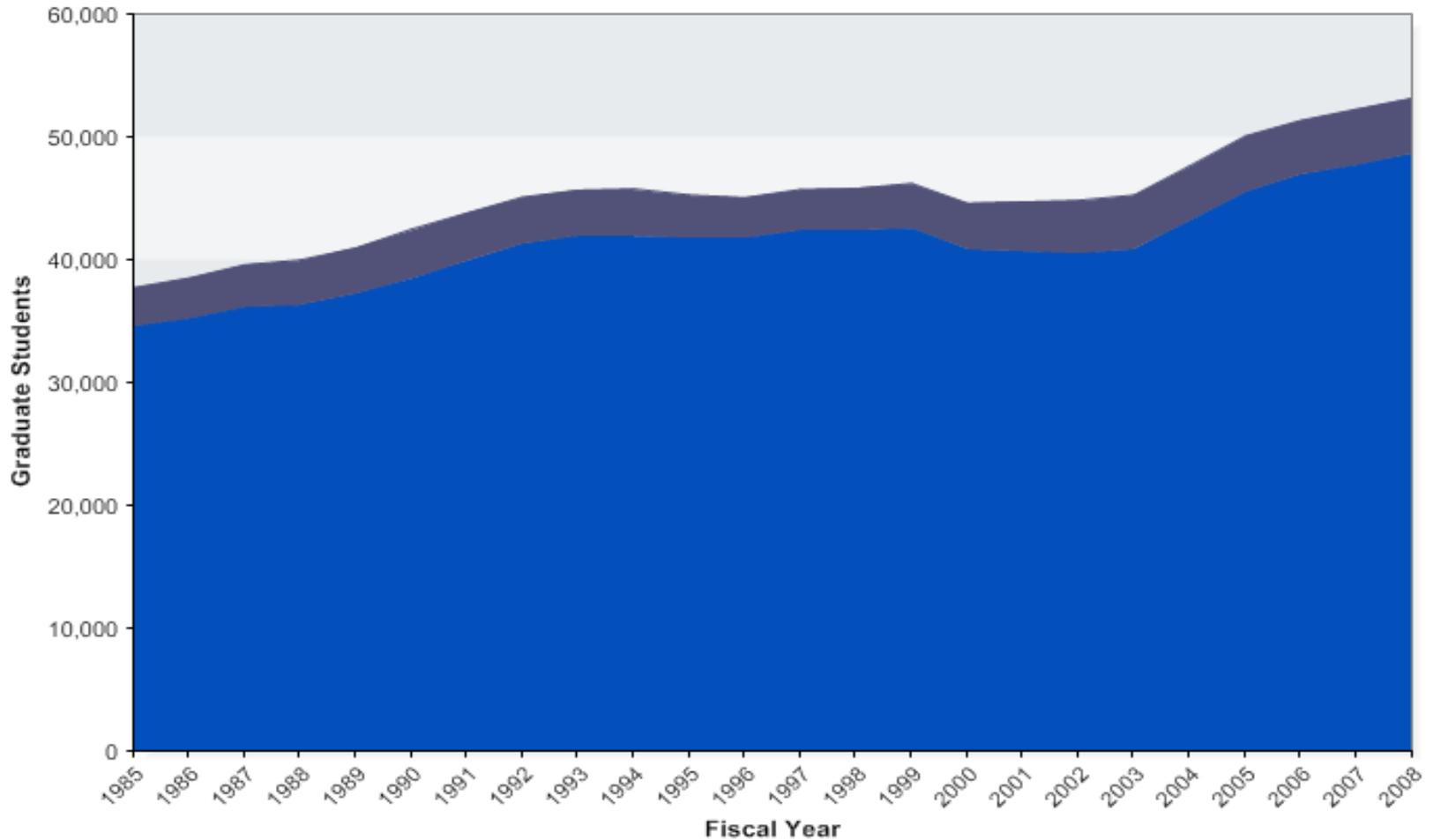
U.S. Citizens and Permanent Residents Temporary Visa Holders





Graduate enrollment in the behavioral and social sciences, by citizenship

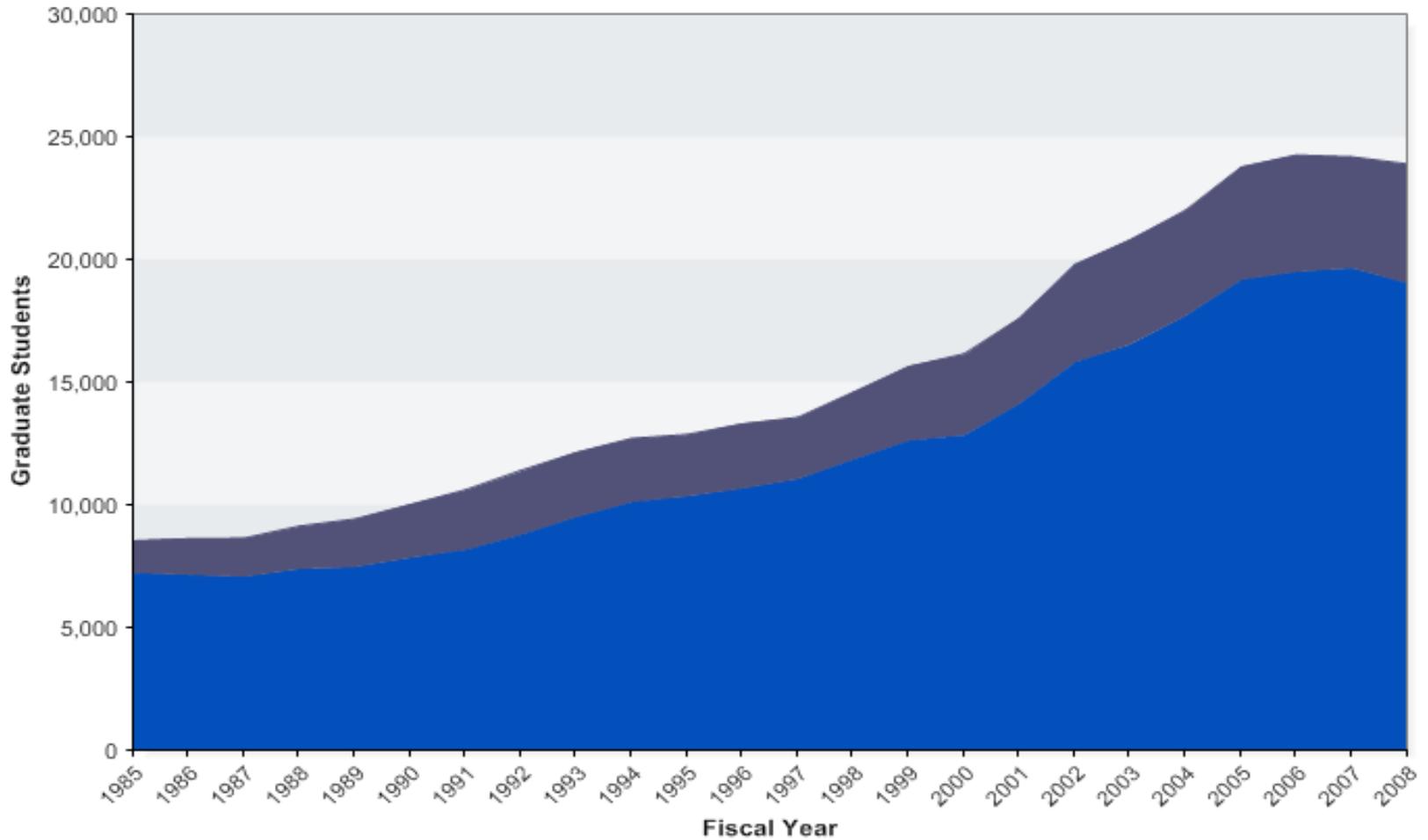
U.S. Citizens and Permanent Residents Temporary Visa Holders





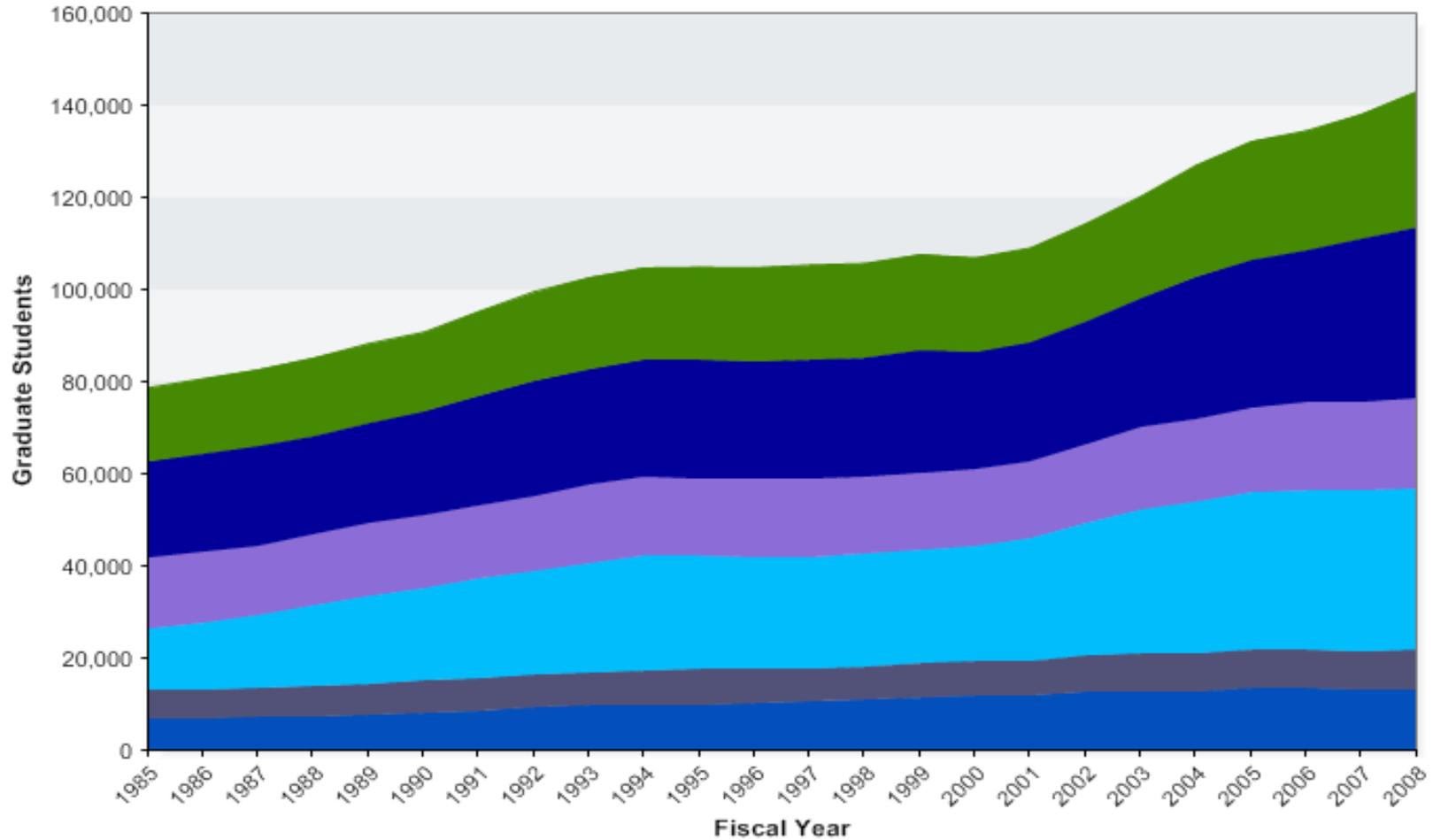
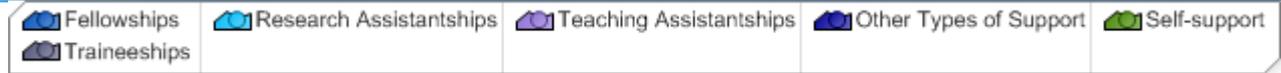
Graduate enrollment in the clinical sciences, by citizenship

U.S. Citizens and Permanent Residents Temporary Visa Holders



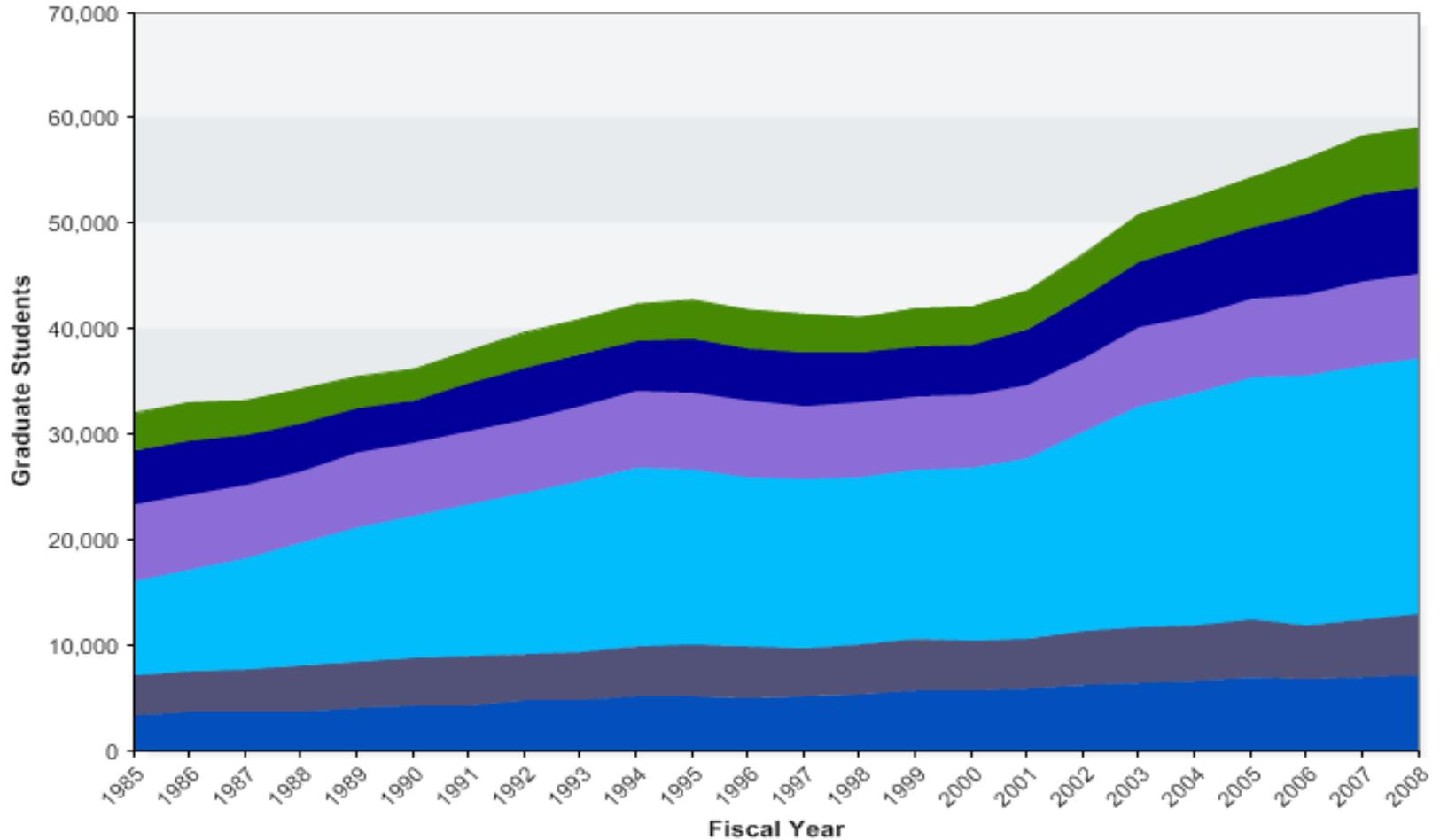


Primary mechanisms of graduate support



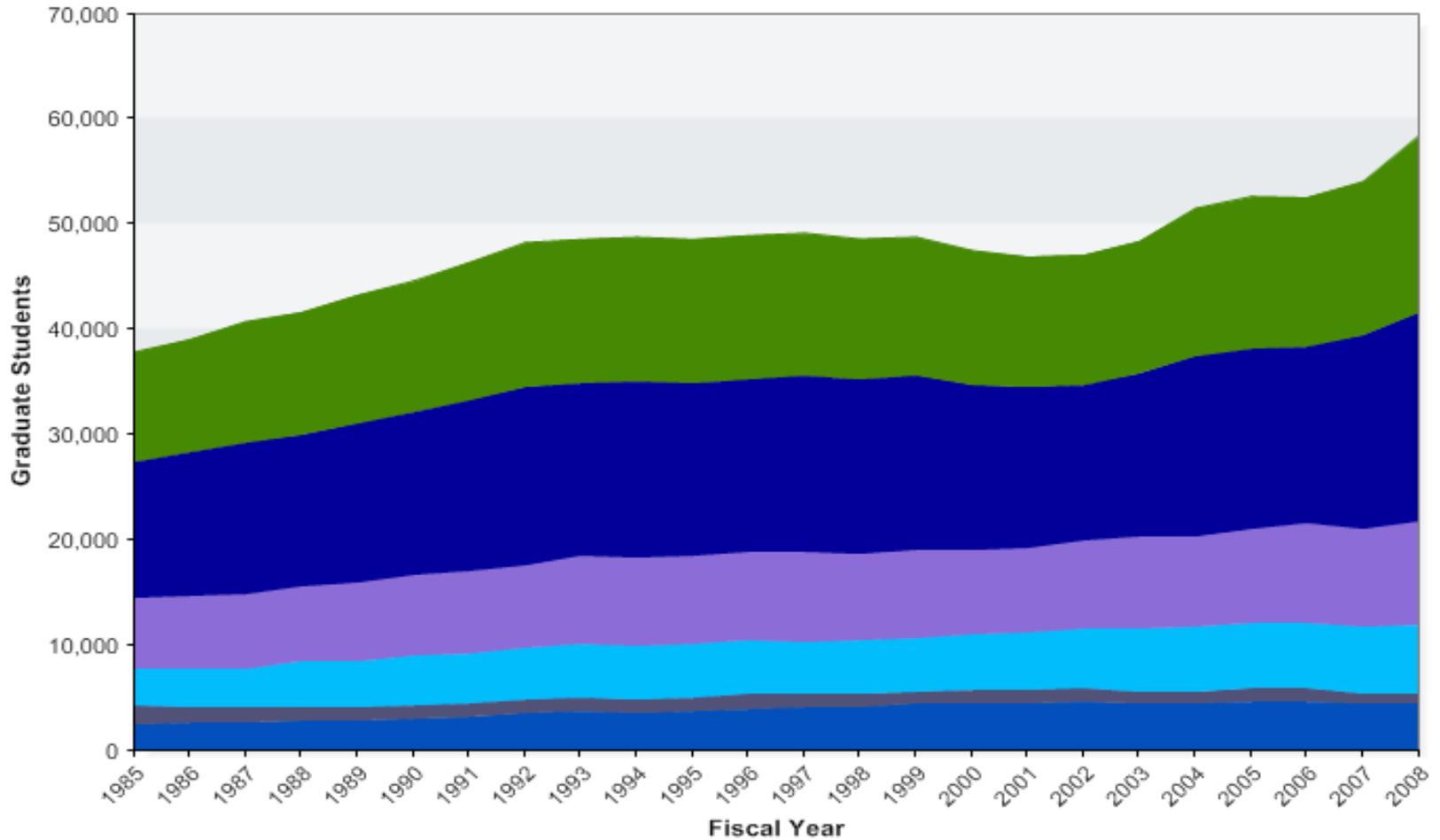


Primary mechanisms of graduate support in the biomedical sciences



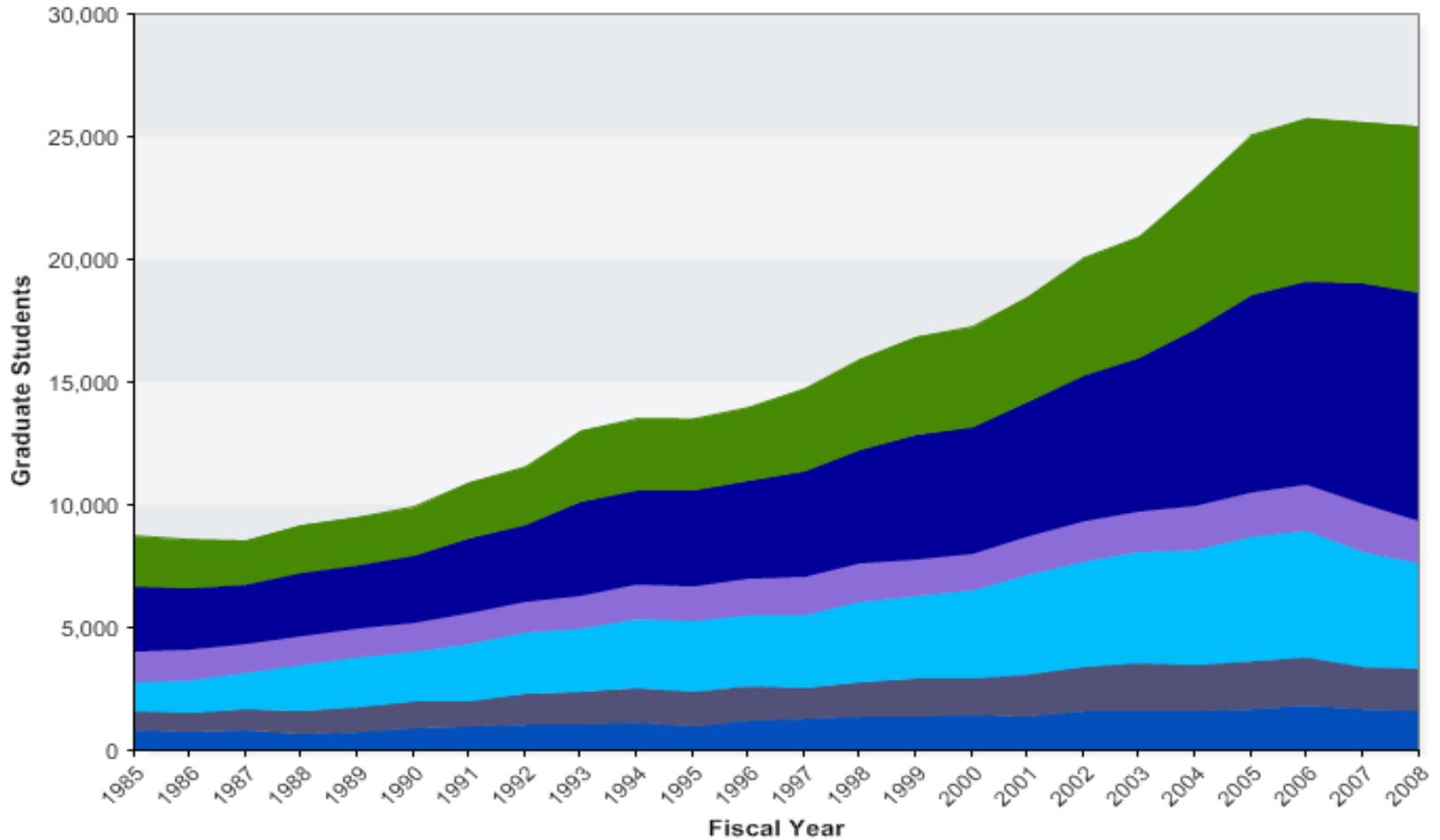


Primary mechanisms of graduate support in the behavioral and social sciences





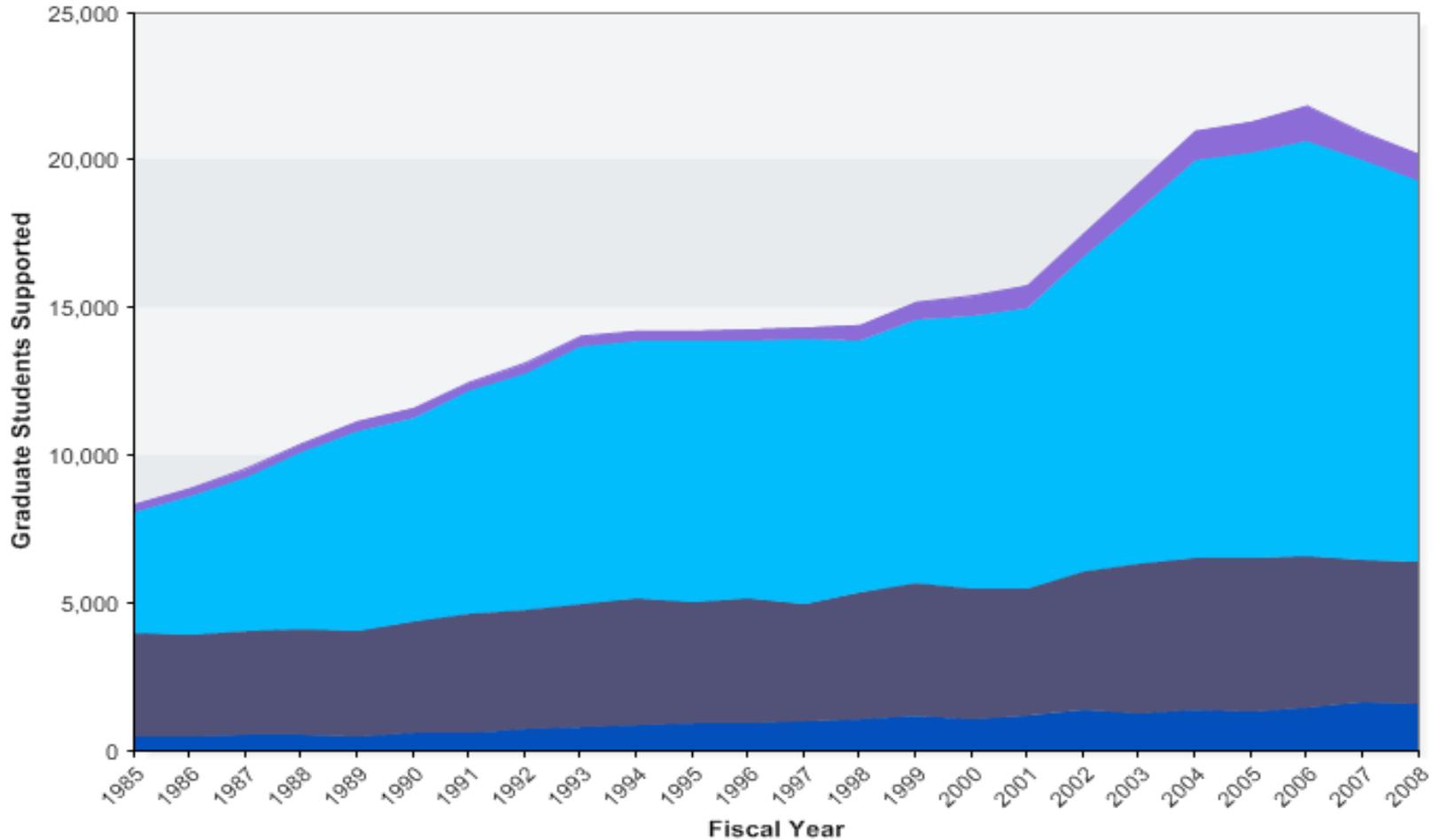
Primary mechanisms of graduate support in the clinical sciences





Primary mechanisms of National Institutes of Health (NIH) support for full-time graduate students

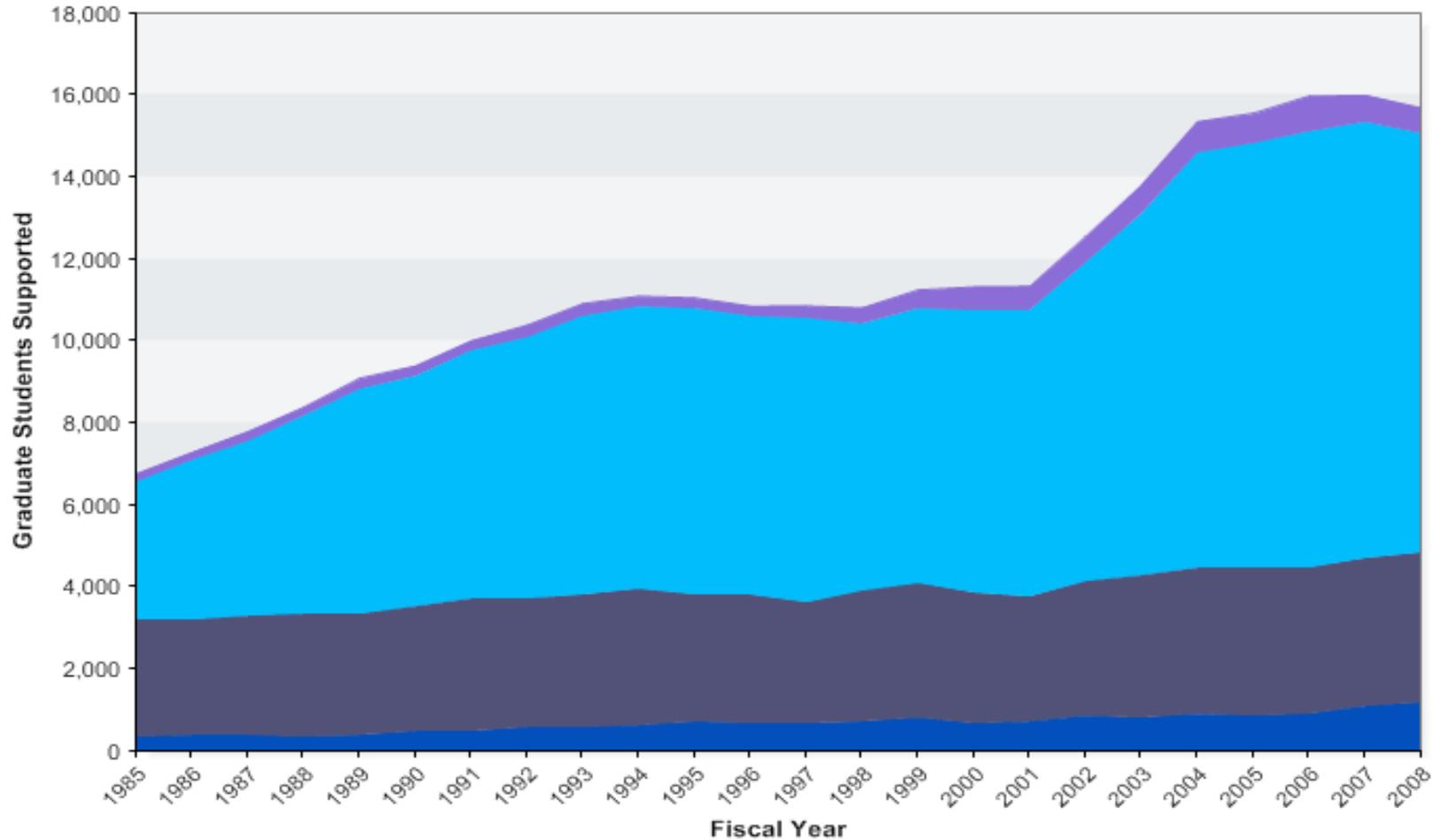
Fellowships Traineeships Research Assistantships Other Mechanisms





Primary mechanisms of National Institutes of Health support for full-time graduate students in the biomedical sciences

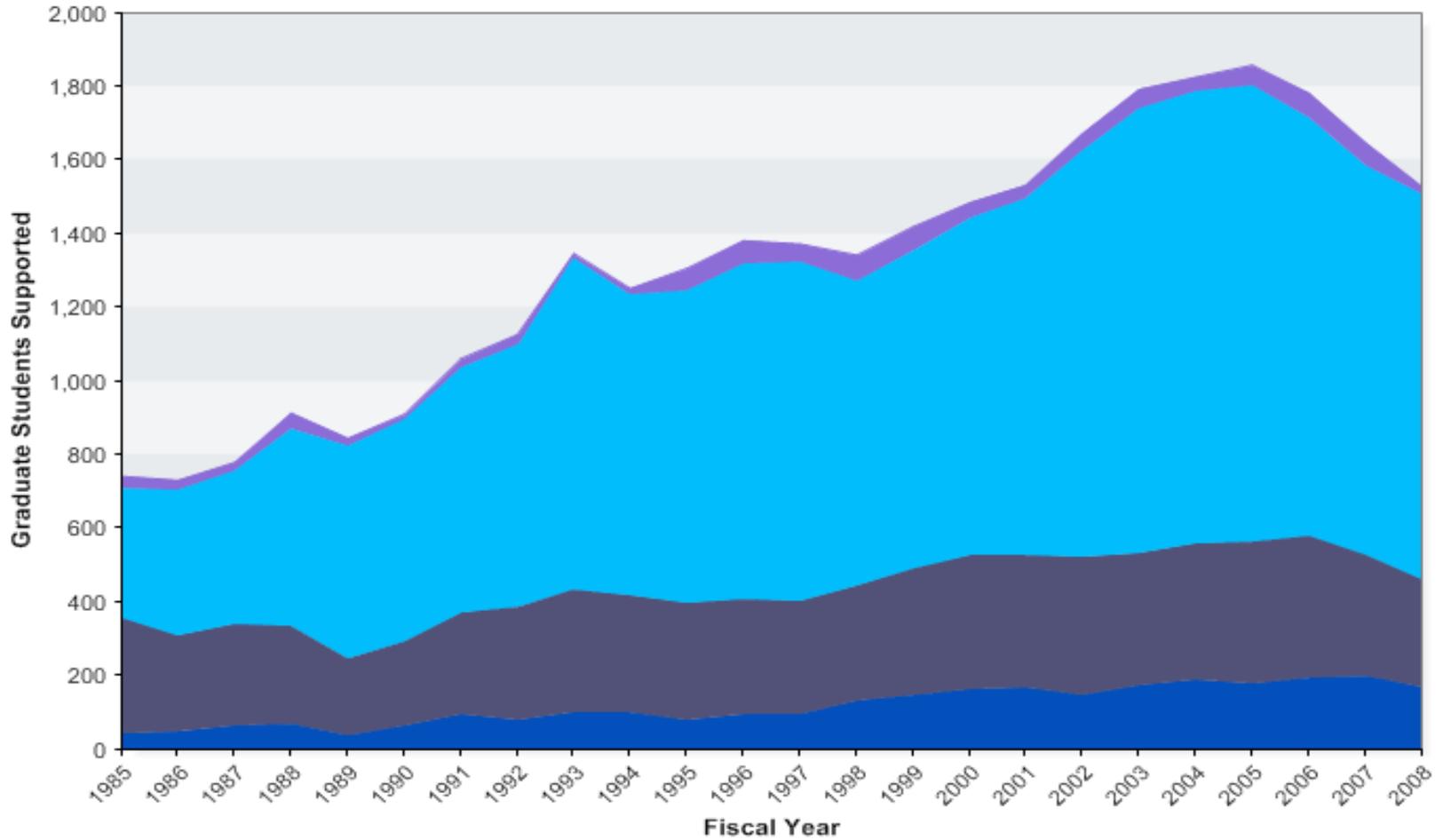
Fellowships Traineeships Research Assistantships Other Mechanisms





Primary mechanisms of National Institutes of Health support for full-time graduate students in the behavioral and social sciences

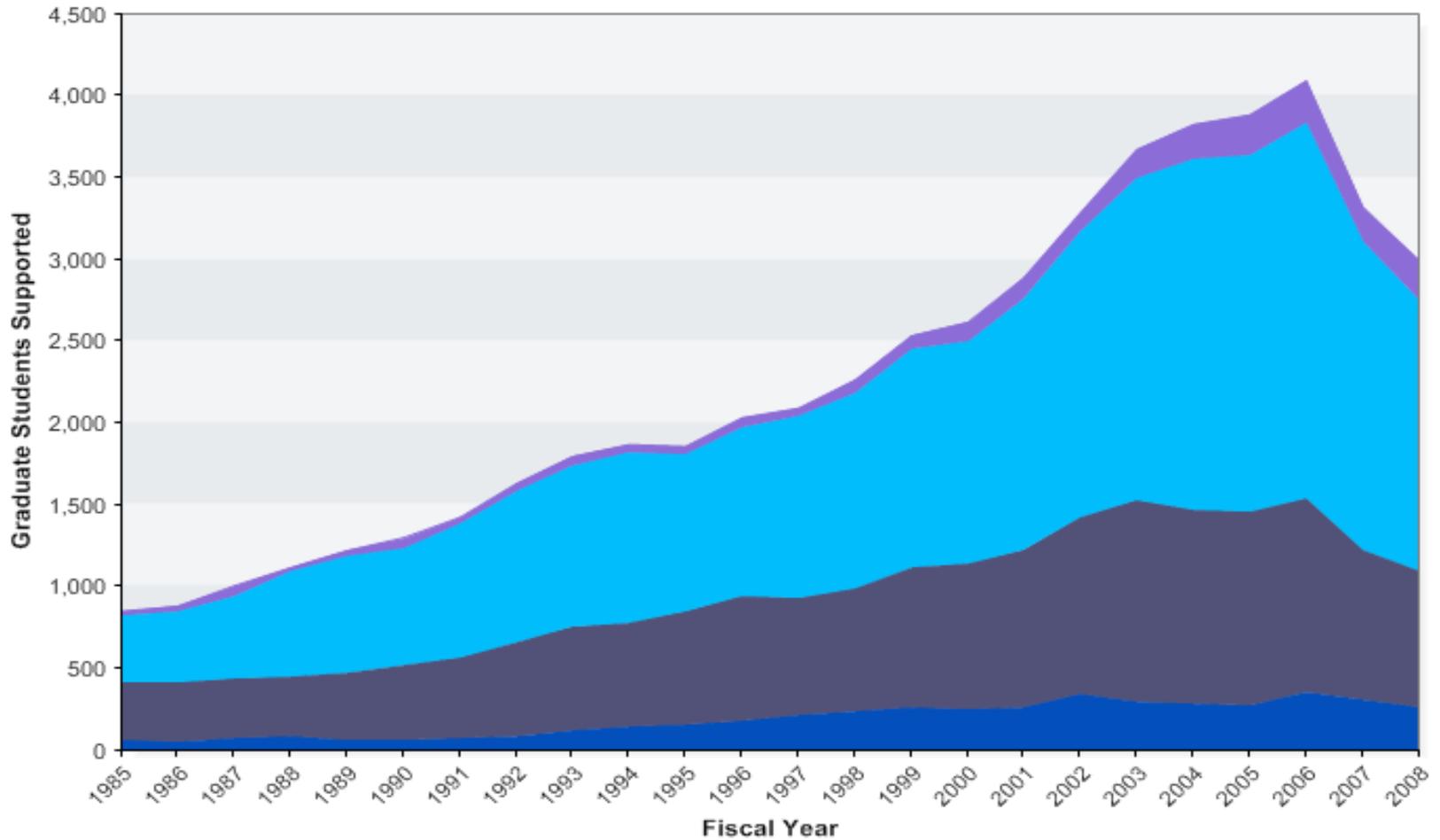
Fellowships Traineeships Research Assistantships Other Mechanisms





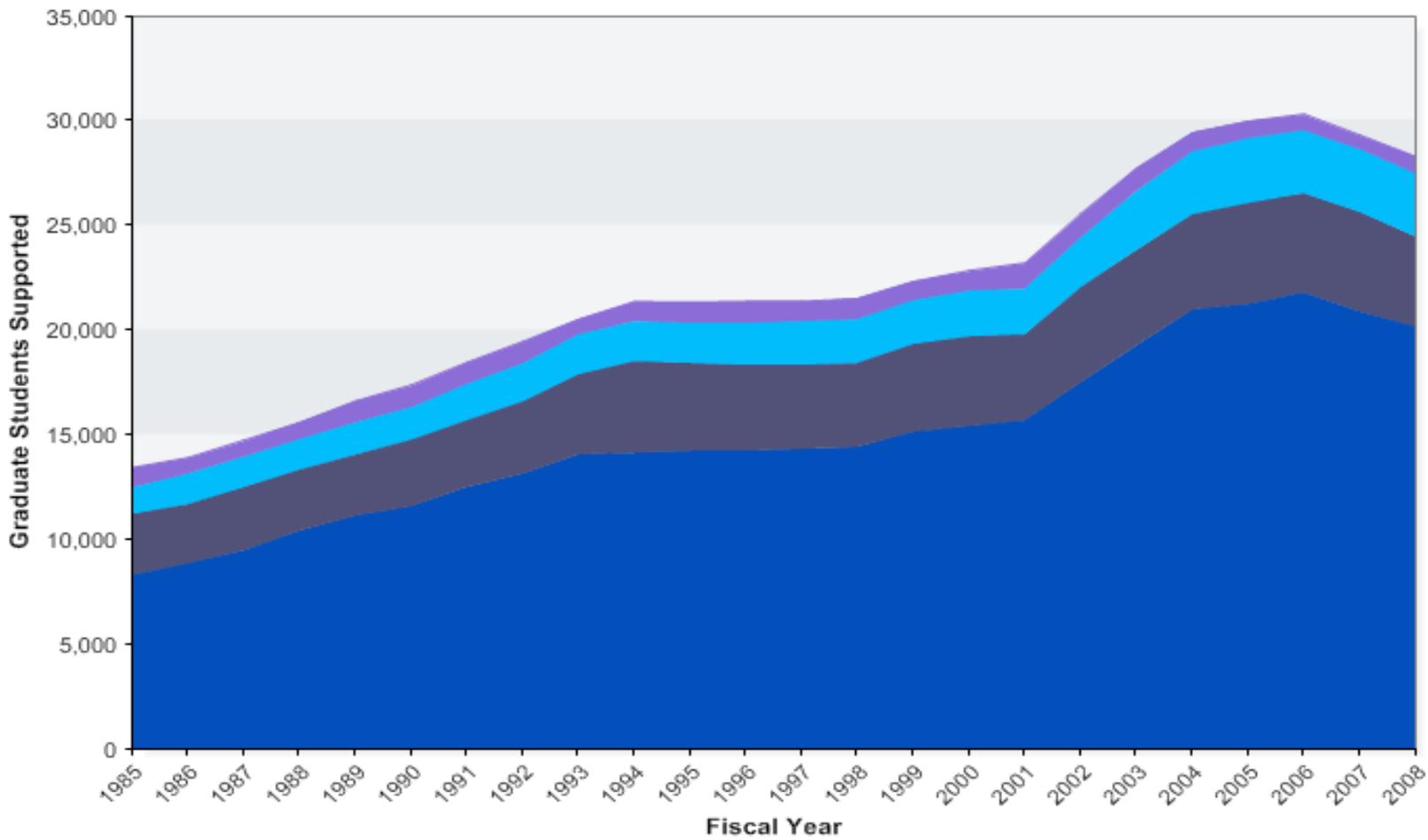
Primary mechanisms of National Institutes of Health support for full-time graduate students in the clinical sciences

Fellowships Traineeships Research Assistantships Other Mechanisms





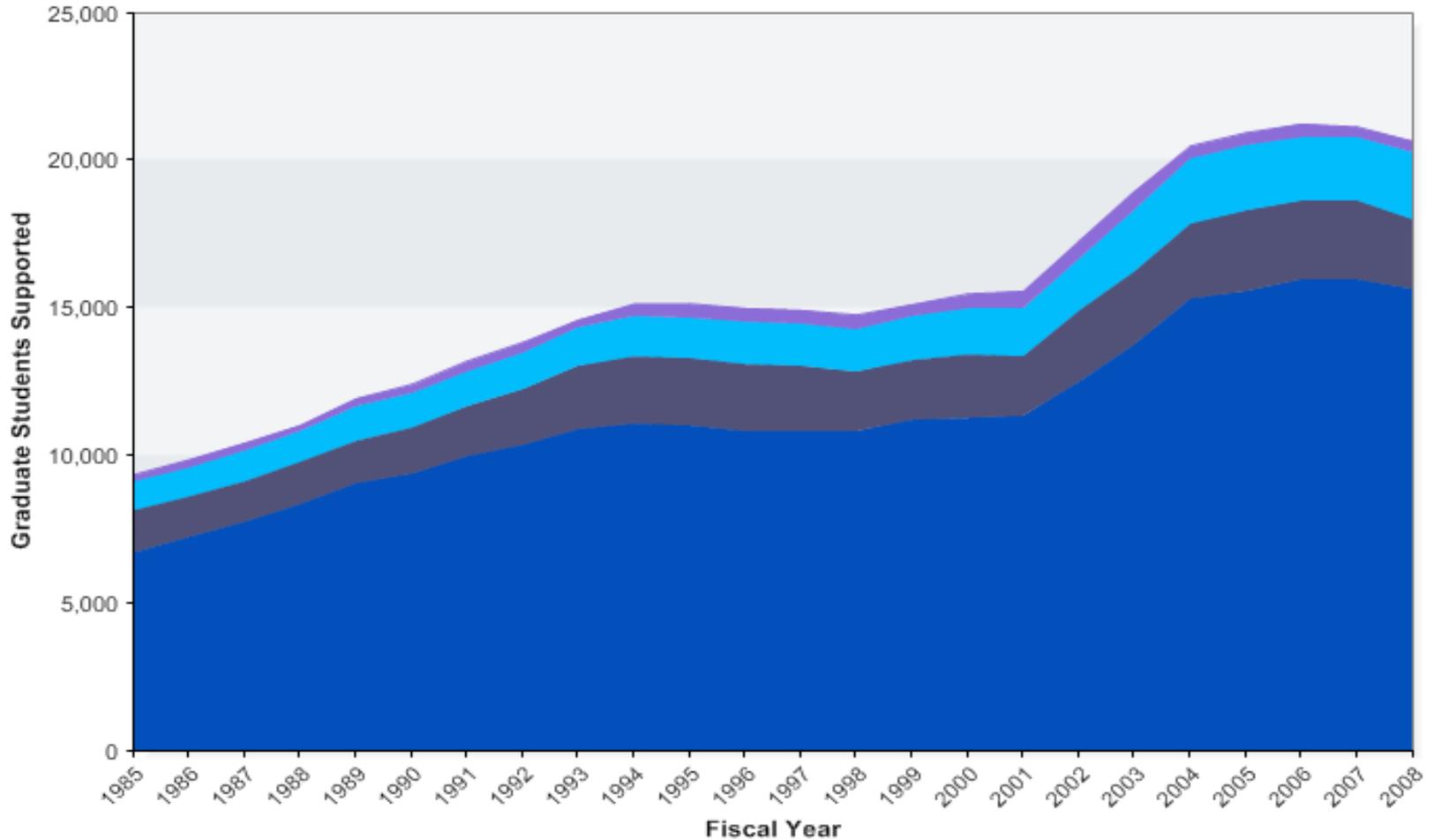
Primary source of federal support for full-time graduate students





Primary source of federal support for full-time graduate students in the biomedical sciences

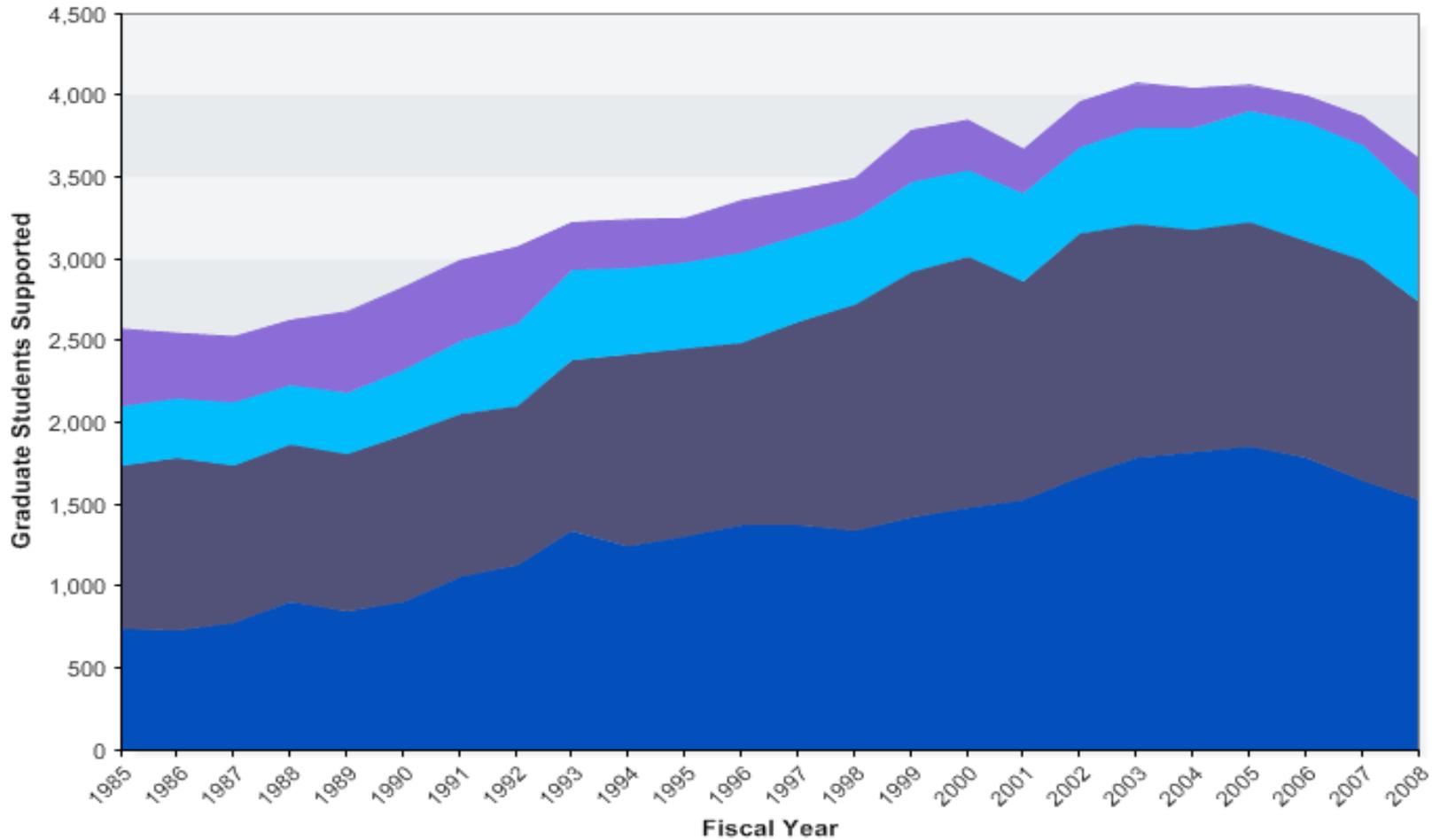
NIH Other Federal Sources NSF HHS (excluding NIH)





Primary source of federal support for full-time graduate students in the behavioral and social sciences

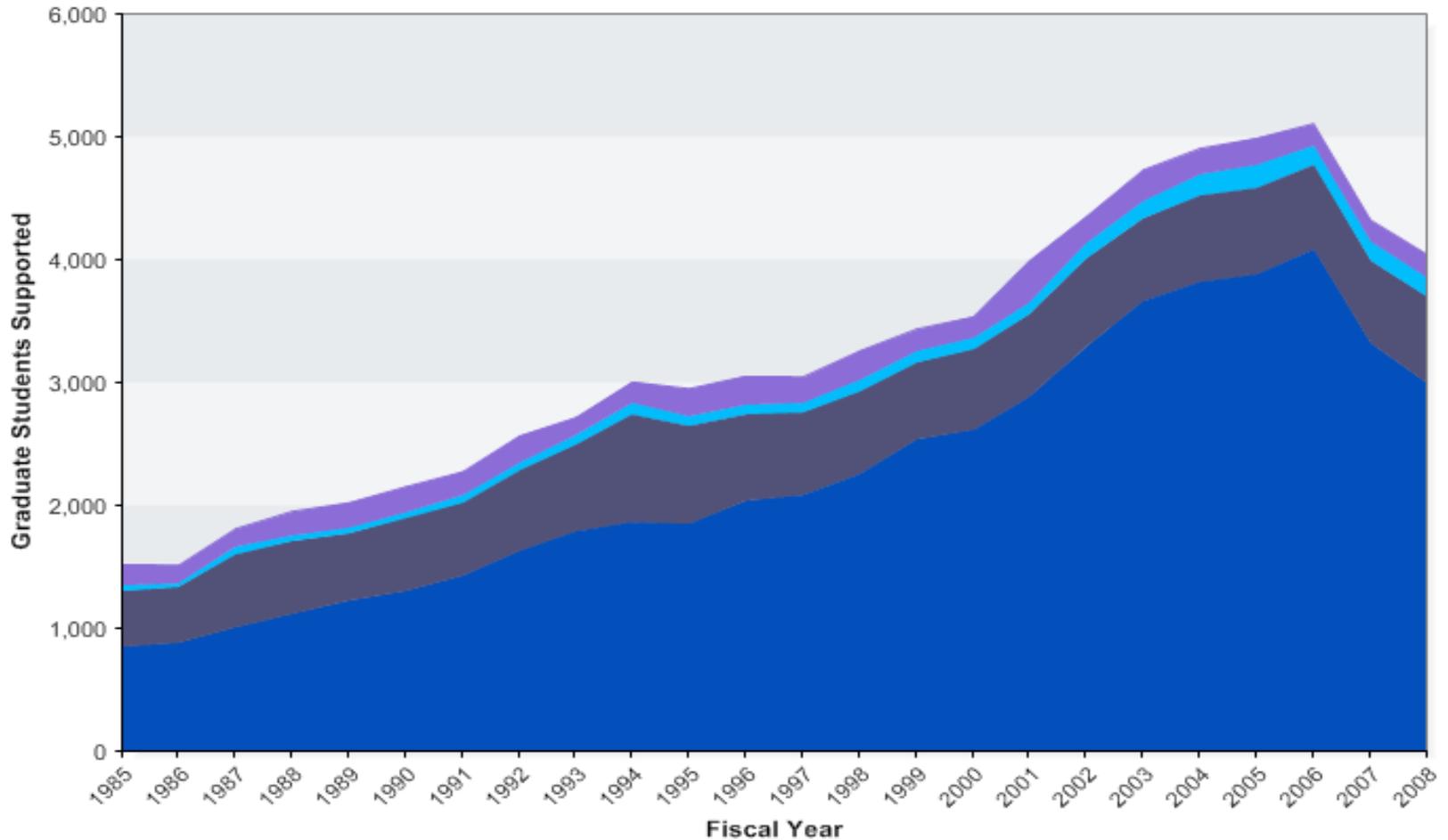
NIH Other Federal Sources NSF HHS (excluding NIH)





Primary source of federal support for full-time graduate students in the clinical sciences

NIH Other Federal Sources NSF HHS (excluding NIH)

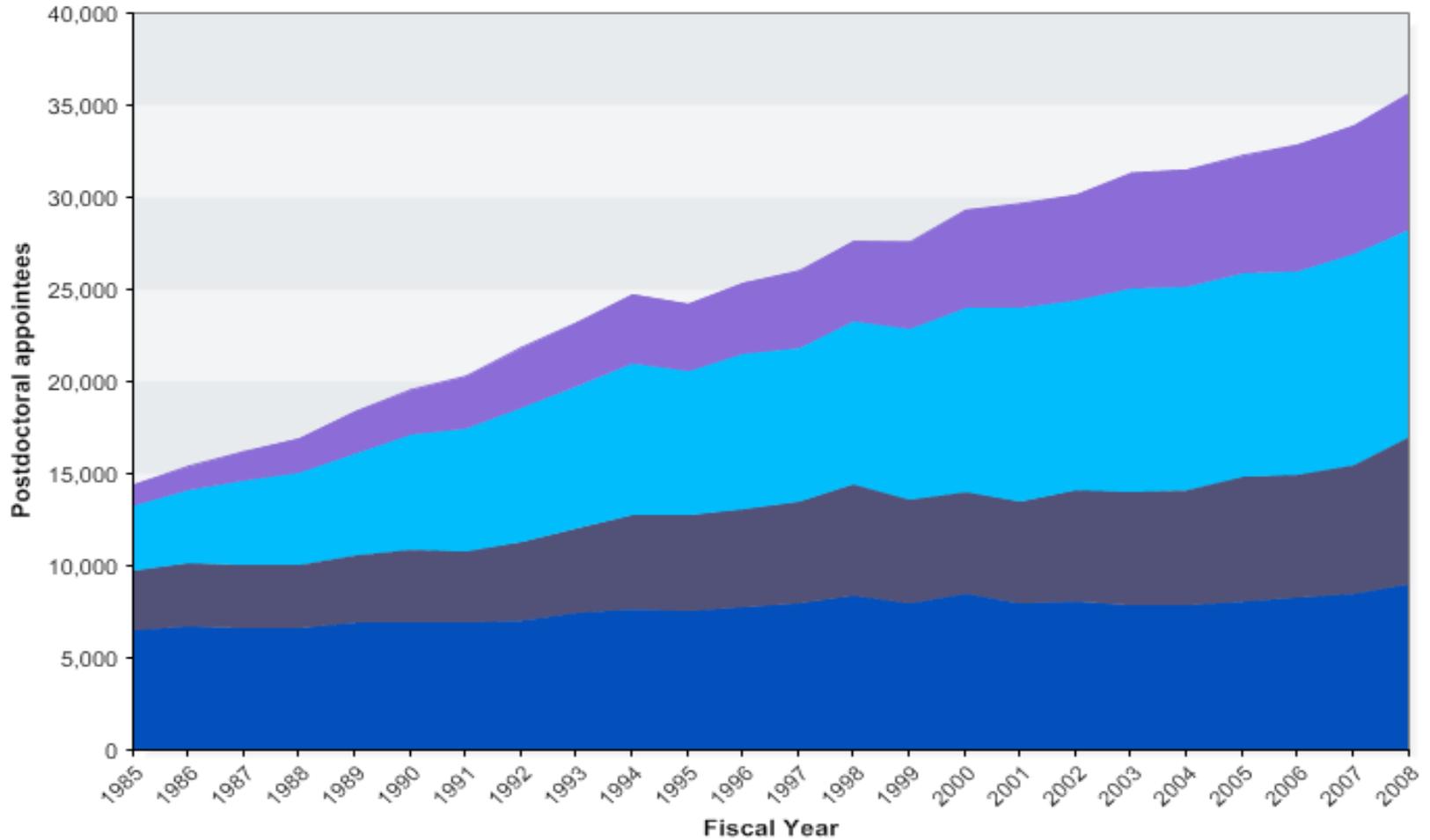




NATIONAL STATISTICS ON POST-DOCTORAL APPOINTEES IN THE BIOMEDICAL, BEHAVIORAL, SOCIAL, AND CLINICAL SCIENCES

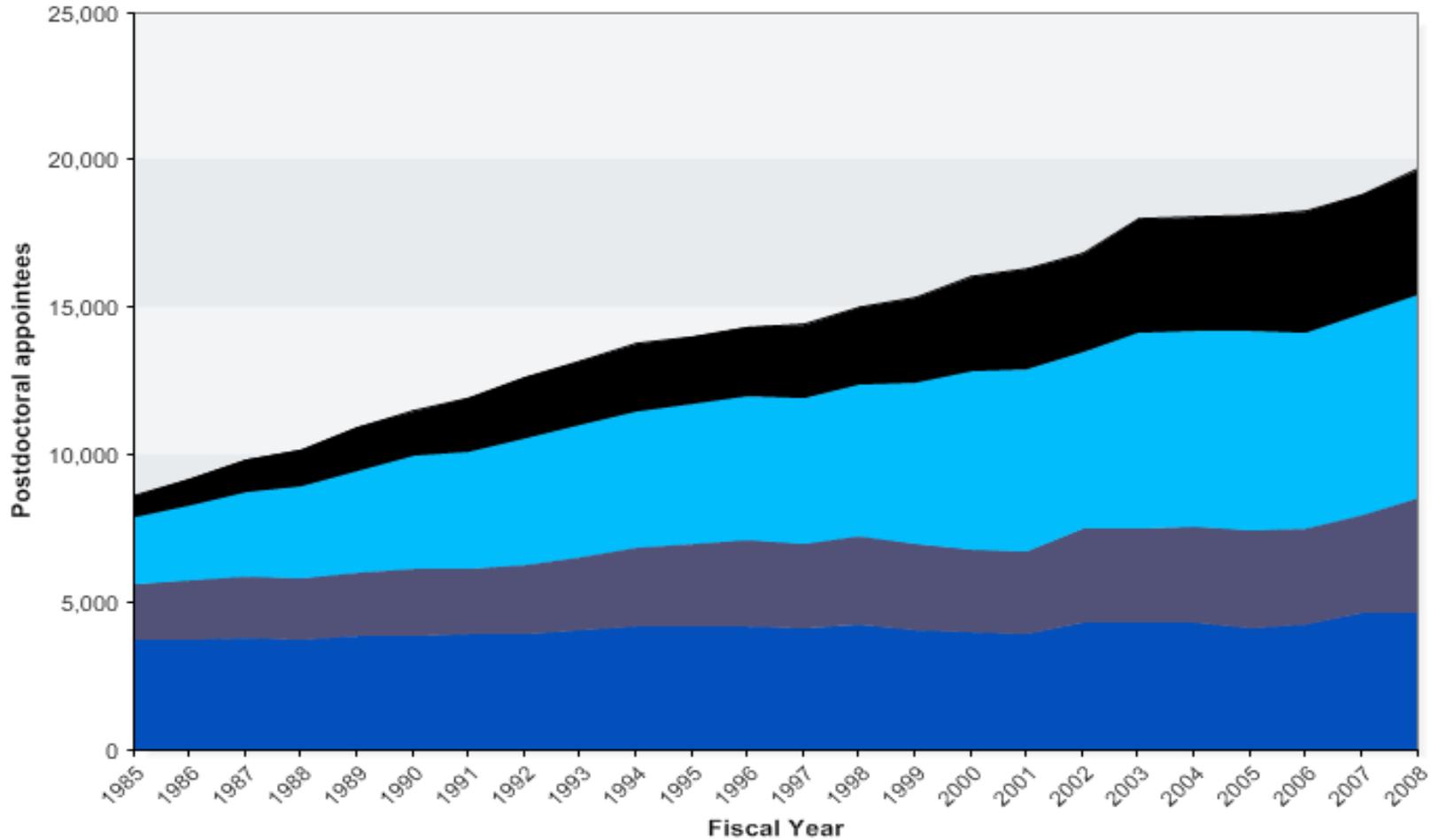


Postdoctoral appointees, by citizenship and gender



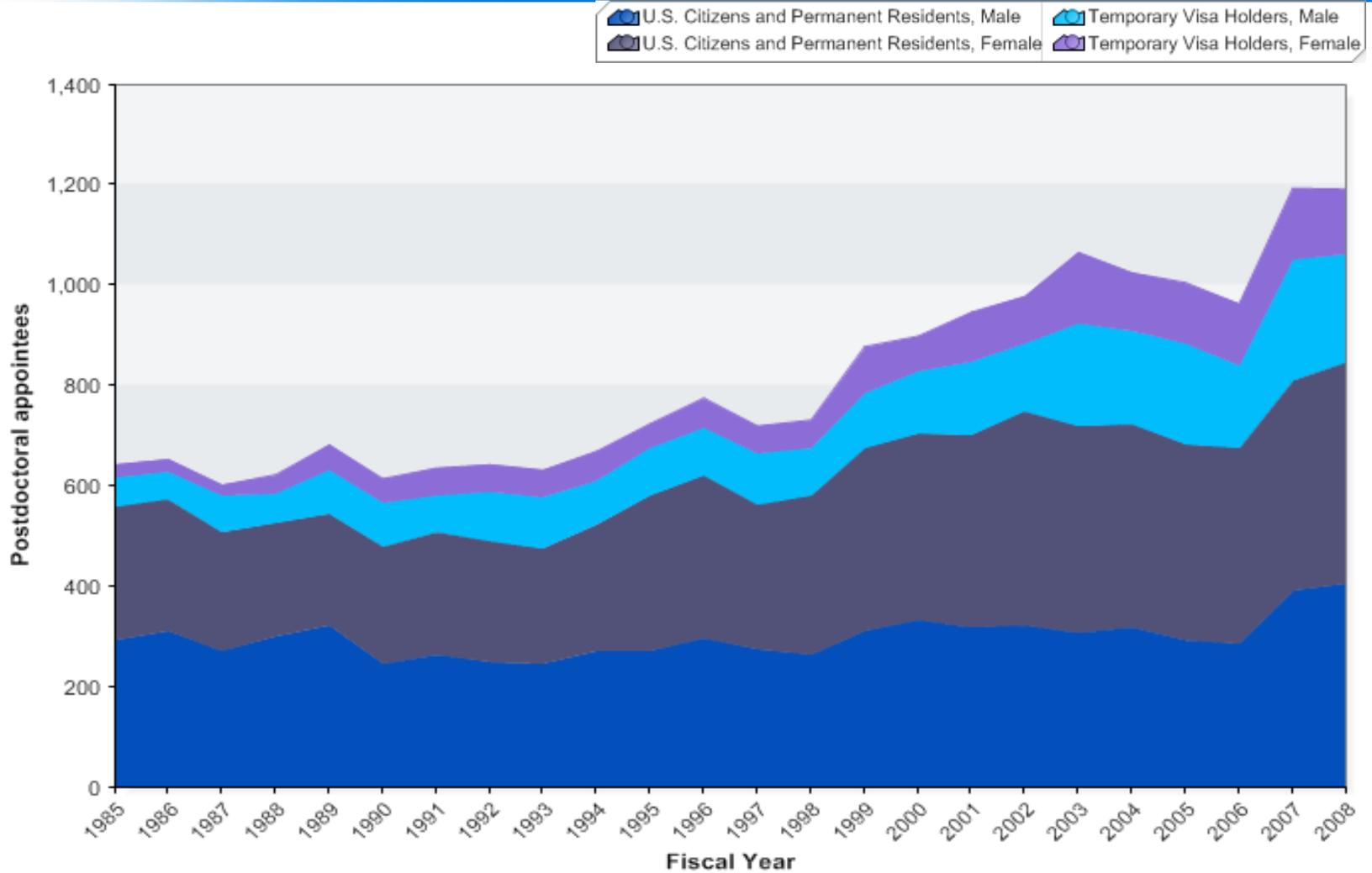


Postdoctoral appointees in the biomedical sciences, by citizenship and gender



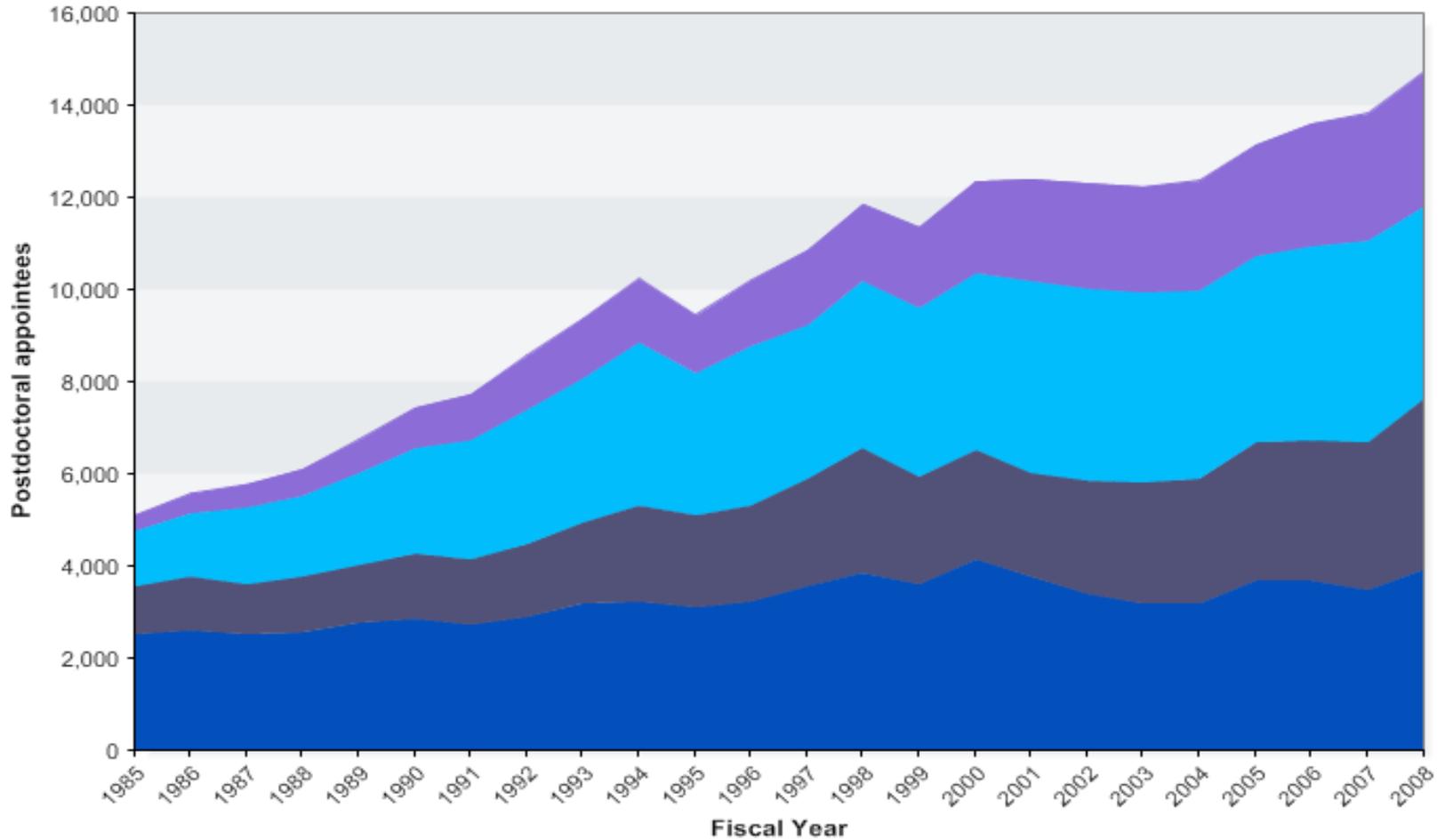


Postdoctoral appointees in the behavioral and social sciences, by citizenship and gender



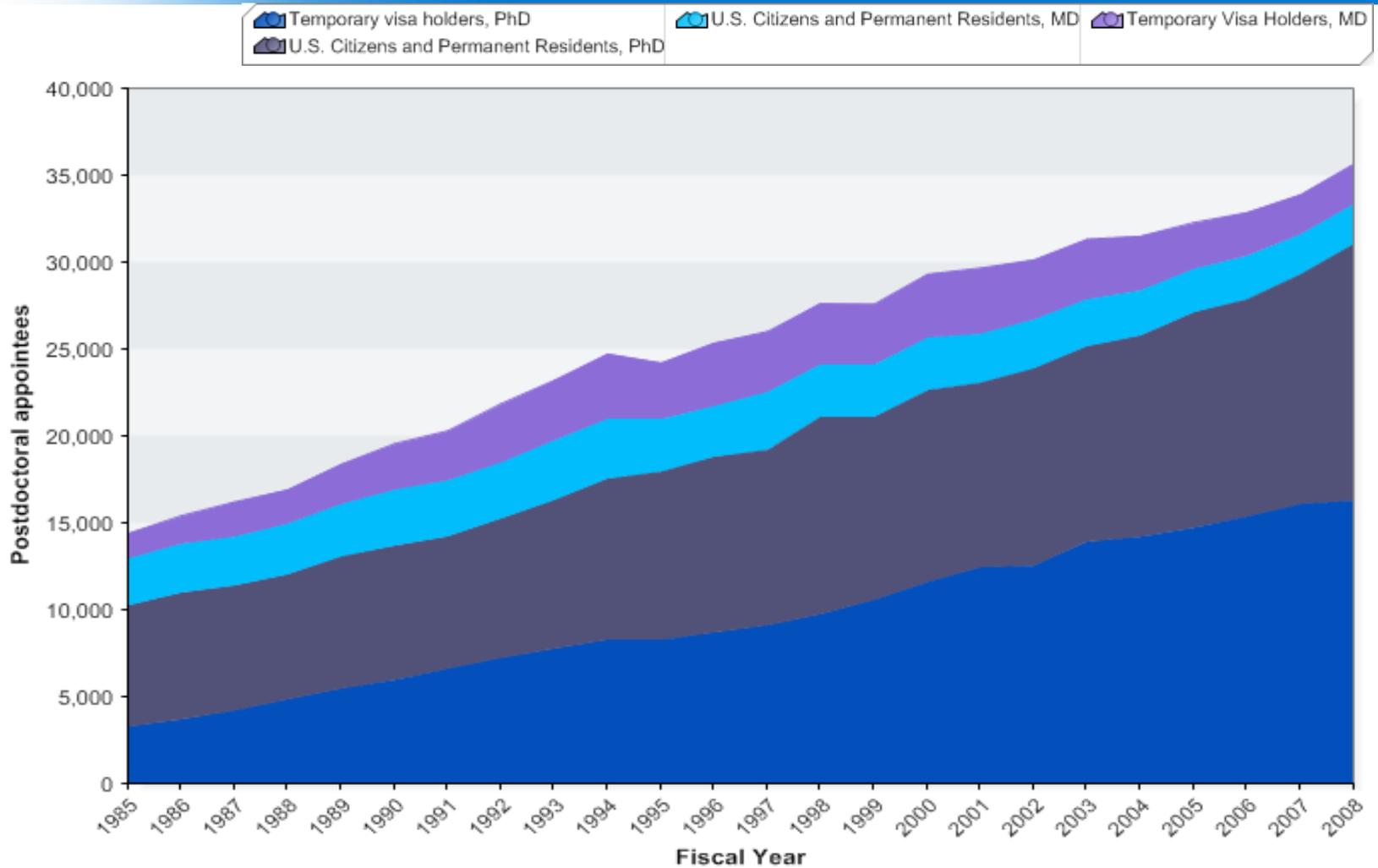


Postdoctoral appointees in the clinical sciences, by citizenship and gender



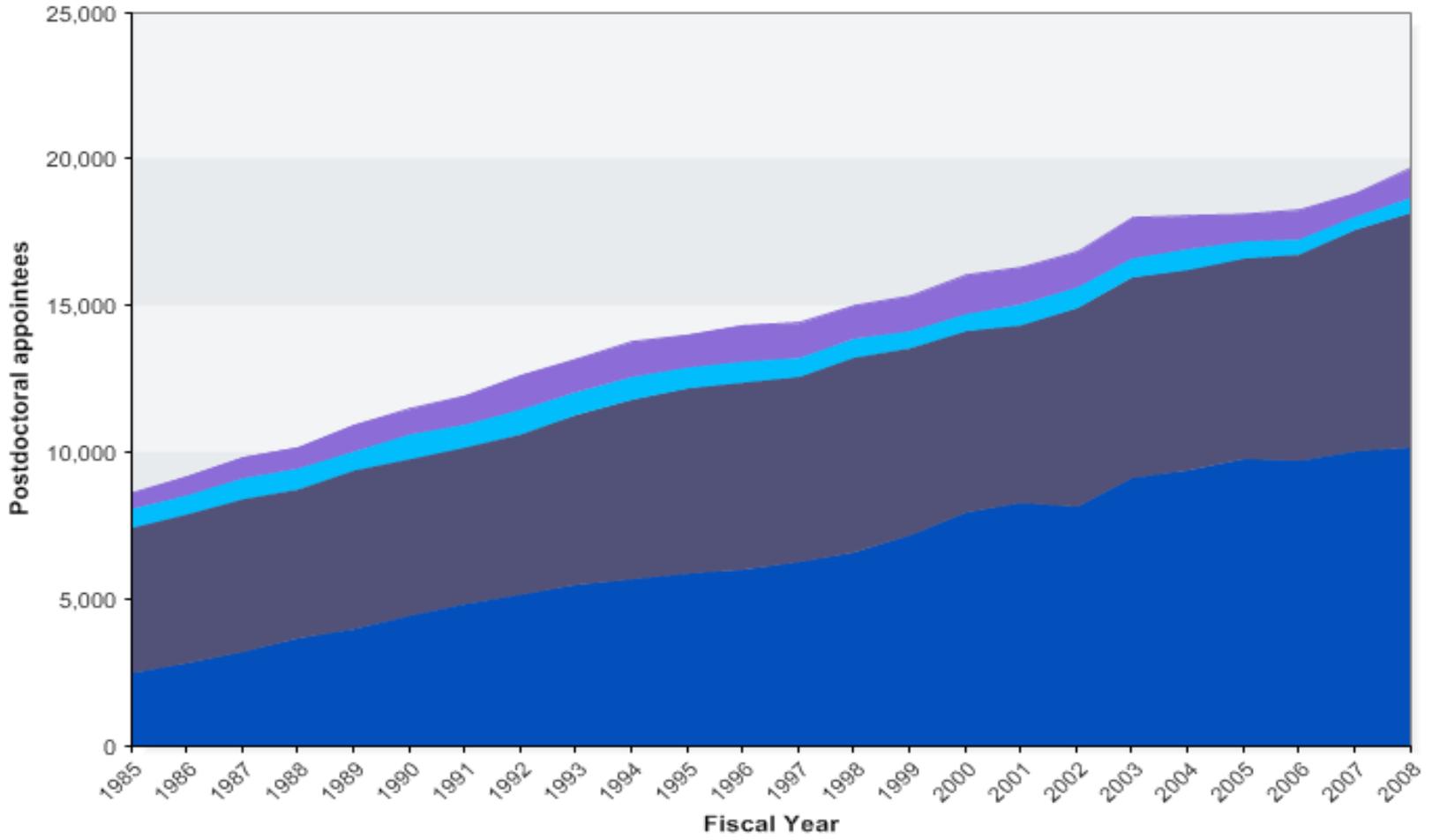
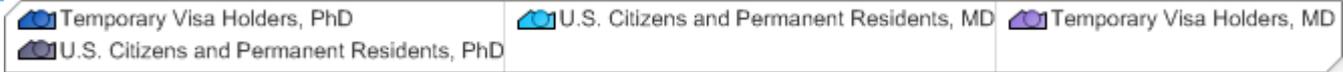


Postdoctoral appointees, by citizenship and degree



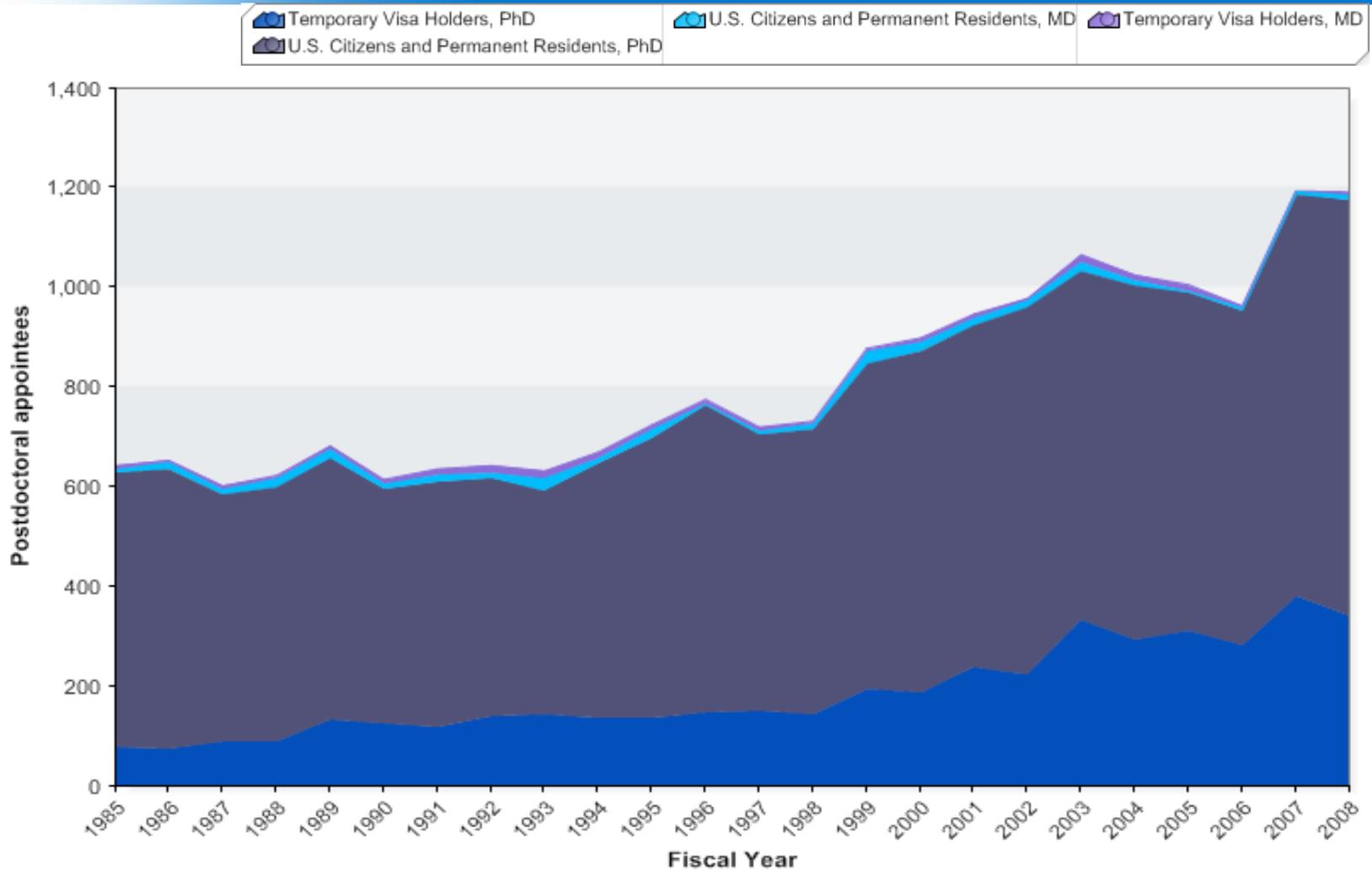


Postdoctoral appointees in the biomedical sciences, by citizenship and degree



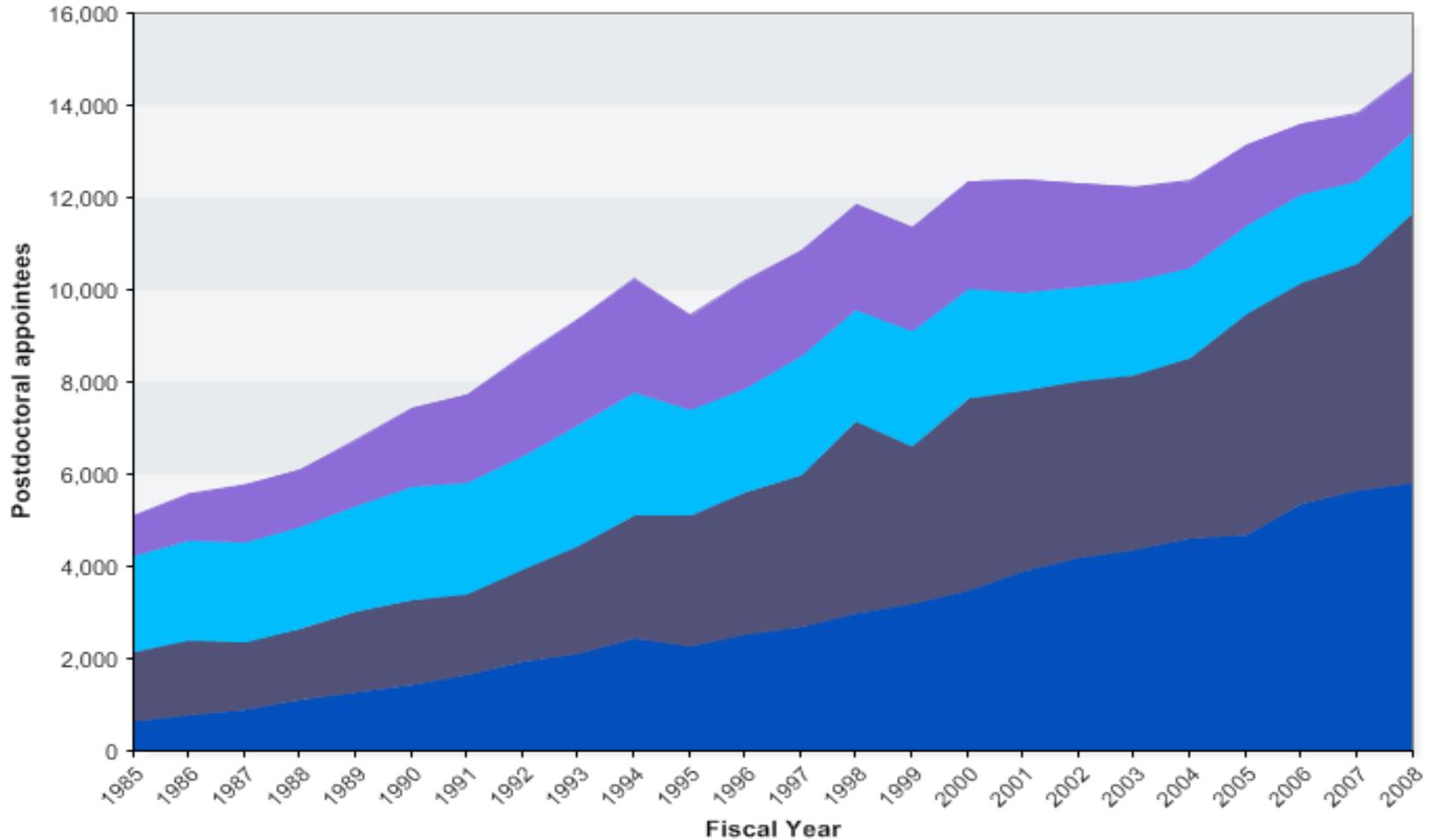
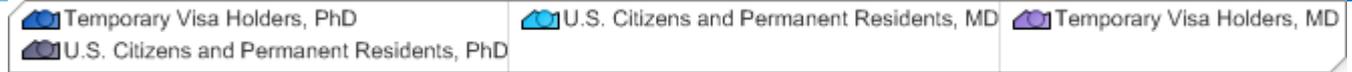


Postdoctoral appointees in the behavioral and social sciences, by citizenship and degree





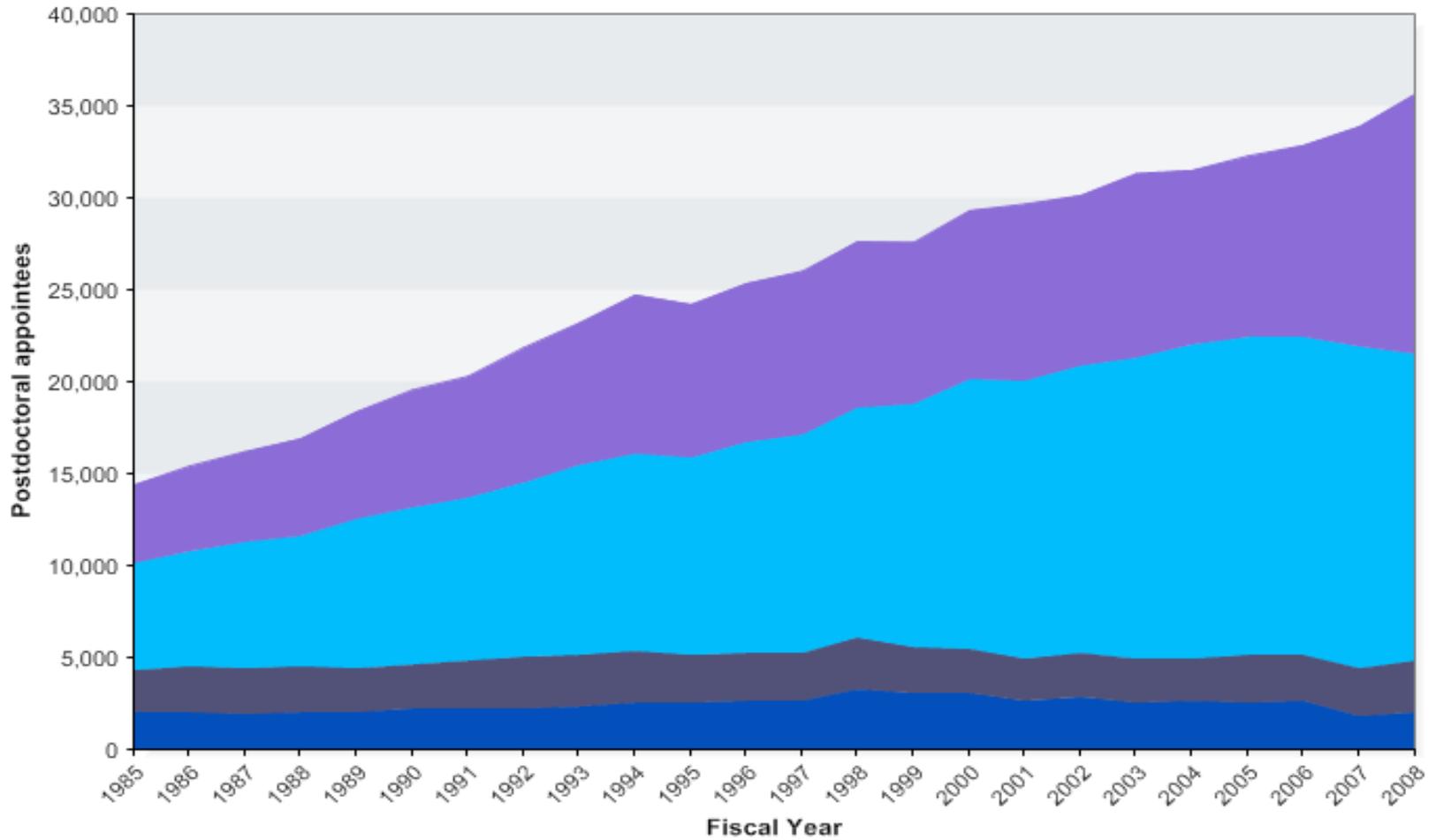
Postdoctoral appointees in the clinical sciences, by citizenship and degree





Primary source of support for postdoctoral appointees

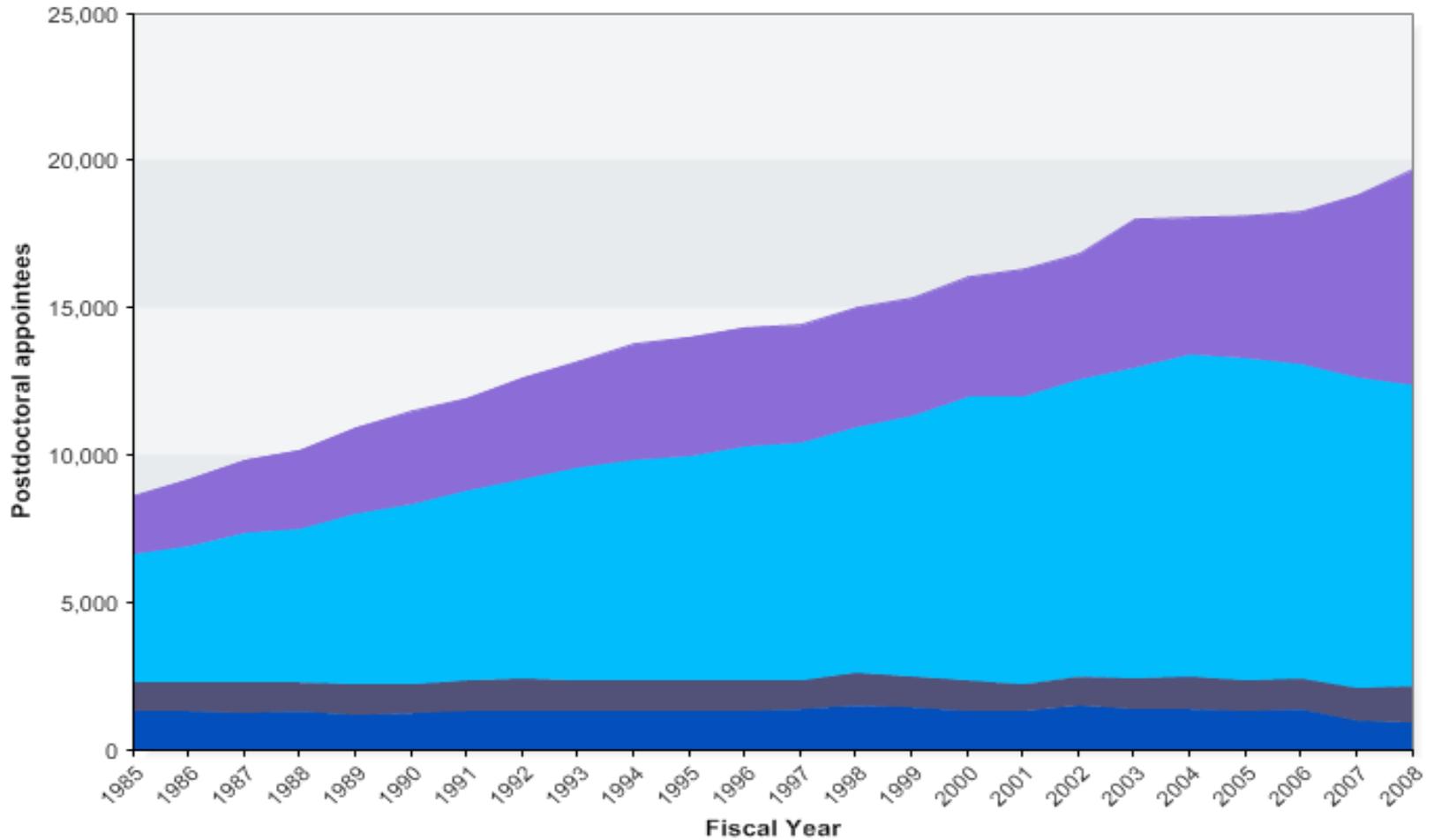
Federal Fellowships Federal Traineeships Federal Research Grants Nonfederal Support





Primary source of support for postdoctoral appointees in the biomedical sciences

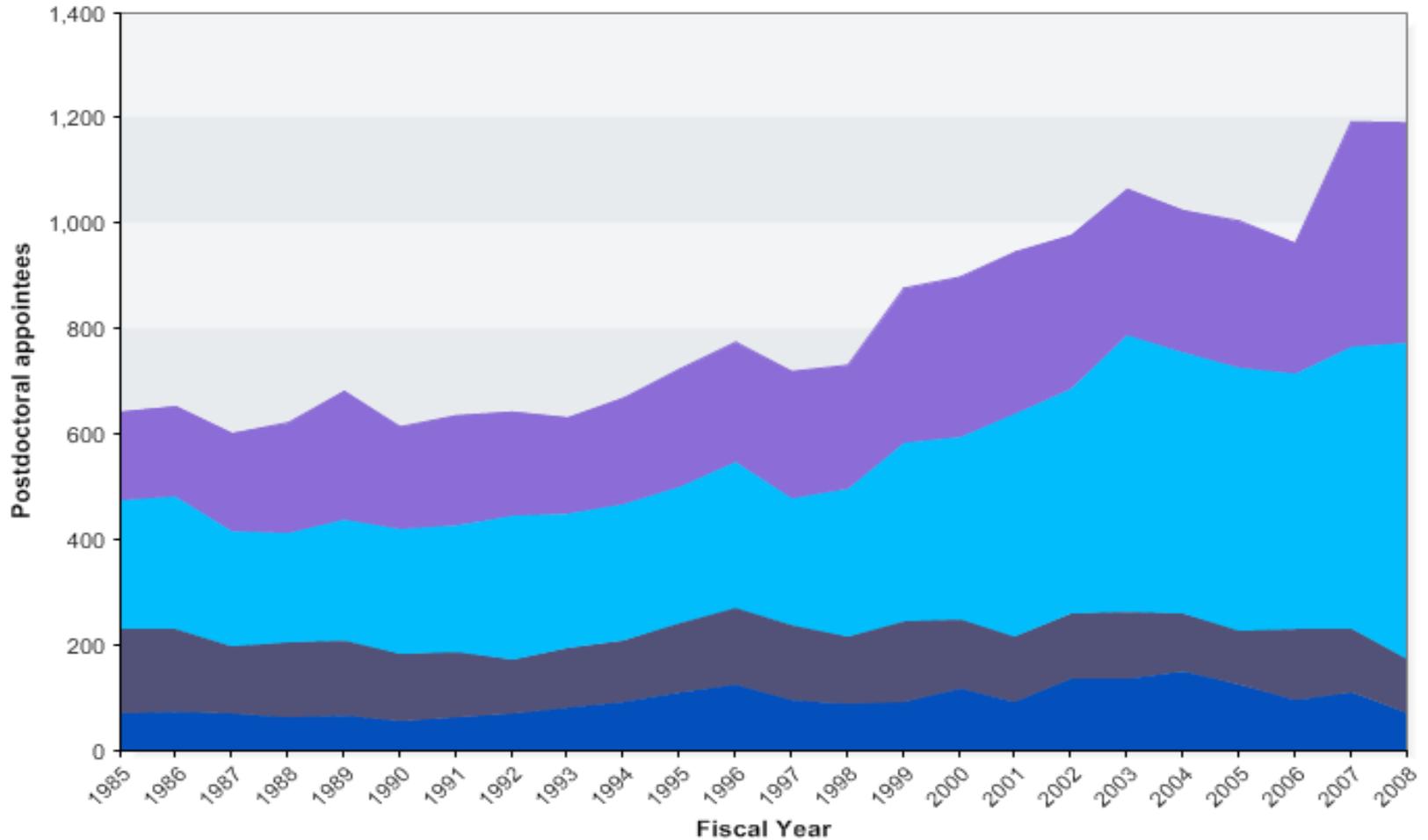
Federal Fellowships Federal Traineeships Federal Research Grants Nonfederal Support





Primary source of support for postdoctoral appointees in the behavioral and social sciences

Federal Fellowships Federal Traineeships Federal Research Grants Nonfederal Support





Primary source of support for postdoctoral appointees in the clinical sciences

Federal Fellowships Federal Traineeships Federal Research Grants Nonfederal Support

