



NATIONAL INSTITUTES OF HEALTH (NIH) DATA BOOK Fiscal Year 2012

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NIH BUDGET HISTORY

NIH Budget History

NIH budget mechanism detail FY 2001-2011

(\$ Millions)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Research Grants											
Research Projects Grants											
Noncompeting	\$7,941	\$9,135	\$10,029	\$10,784	\$10,997	\$11,052	\$11,005	\$11,178	\$11,397	\$11,773	\$11,893
Administrative Supplements	\$204	\$224	\$201	\$255	\$456	\$285	\$205	\$177	\$221	\$189	\$202
Competing	\$3,032	\$3,183	\$3,517	\$3,562	\$3,396	\$3,358	\$3,788	\$3,666	\$3,921	\$3,933	\$3,732
Subtotal	\$11,177	\$12,542	\$13,746	\$14,602	\$14,850	\$14,695	\$14,998	\$15,021	\$15,538	\$15,896	\$15,827
SBIR/STTR	\$418	\$497	\$541	\$612	\$625	\$619	\$629	\$633	\$648	\$653	\$648
Total, RPGs	\$11,595	\$13,038	\$14,287	\$15,213	\$15,475	\$15,314	\$15,627	\$15,654	\$16,186	\$16,549	\$16,476
Research Centers											
Spec/Comp	\$1,373	\$1,585	\$1,835	\$1,947	\$2,045	\$2,045	\$2,238	\$2,201	\$2,257	\$2,301	\$2,227
Clinical Research	\$230	\$258	\$285	\$288	\$298	\$308	\$381	\$425	\$426	\$436	\$439
Biotechnology	\$110	\$135	\$143	\$140	\$131	\$129	\$137	\$138	\$144	\$152	\$147
Comparative Medicine	\$102	\$94	\$109	\$116	\$119	\$123	\$124	\$126	\$134	\$134	\$138
RCMI	\$45	\$52	\$56	\$56	\$55	\$54	\$54	\$53	\$57	\$60	\$59
Total, Centers	\$1,860	\$2,124	\$2,428	\$2,546	\$2,647	\$2,660	\$2,934	\$2,944	\$3,019	\$3,083	\$3,009
Other Research											
Research Careers	\$395	\$459	\$536	\$586	\$608	\$614	\$663	\$682	\$671	\$649	\$626
Cancer Education	\$22	\$27	\$30	\$32	\$35	\$35	\$31	\$31	\$32	\$35	\$33
Coop. Clinical	\$324	\$360	\$379	\$357	\$335	\$345	\$425	\$410	\$404	\$431	\$448
BRS	\$67	\$129	\$120	\$116	\$106	\$66	\$98	\$66	\$66	\$68	\$70
MBRS	\$100	\$111	\$117	\$117	\$116	\$115	\$111	\$107	\$106	\$107	\$104
Other	\$334	\$388	\$435	\$469	\$482	\$477	\$465	\$484	\$519	\$530	\$548
Total, Other Research	\$1,241	\$1,474	\$1,617	\$1,678	\$1,682	\$1,651	\$1,794	\$1,780	\$1,799	\$1,821	\$1,829
Total, Research Grants	\$14,696	\$16,636	\$18,332	\$19,438	\$19,805	\$19,624	\$20,355	\$20,378	\$21,004	\$21,452	\$21,314
Training											
Individual	\$95	\$102	\$108	\$113	\$119	\$123	\$121	\$123	\$122	\$126	\$127
Institutional	\$494	\$549	\$603	\$628	\$625	\$608	\$661	\$647	\$655	\$649	\$644
Total, Training	\$590	\$651	\$711	\$741	\$744	\$731	\$782	\$770	\$776	\$775	\$772
R&D Contracts	\$1,388	\$1,643	\$2,301	\$2,693	\$2,518	\$2,583	\$2,985	\$3,248	\$3,058	\$3,145	\$2,998
(SBIR/STTR)	\$17	\$19	\$22	\$22	\$237	\$24	\$26	\$22	\$32	\$33	\$38
Intramural Research	\$1,952	\$2,225	\$2,565	\$2,659	\$2,738	\$2,746	\$3,035	\$3,095	\$3,223	\$3,306	\$3,331
Other*	\$1,230	\$1,408	\$1,960	\$1,629	\$1,728	\$1,634	\$1,336	\$2,102	\$1,440	\$1,521	\$1,530
All NIH ICs	\$19,856	\$22,563	\$25,868	\$27,159	\$27,532	\$27,318	\$29,128	\$29,615	\$29,501	\$30,200	\$29,944



NIH Budget History

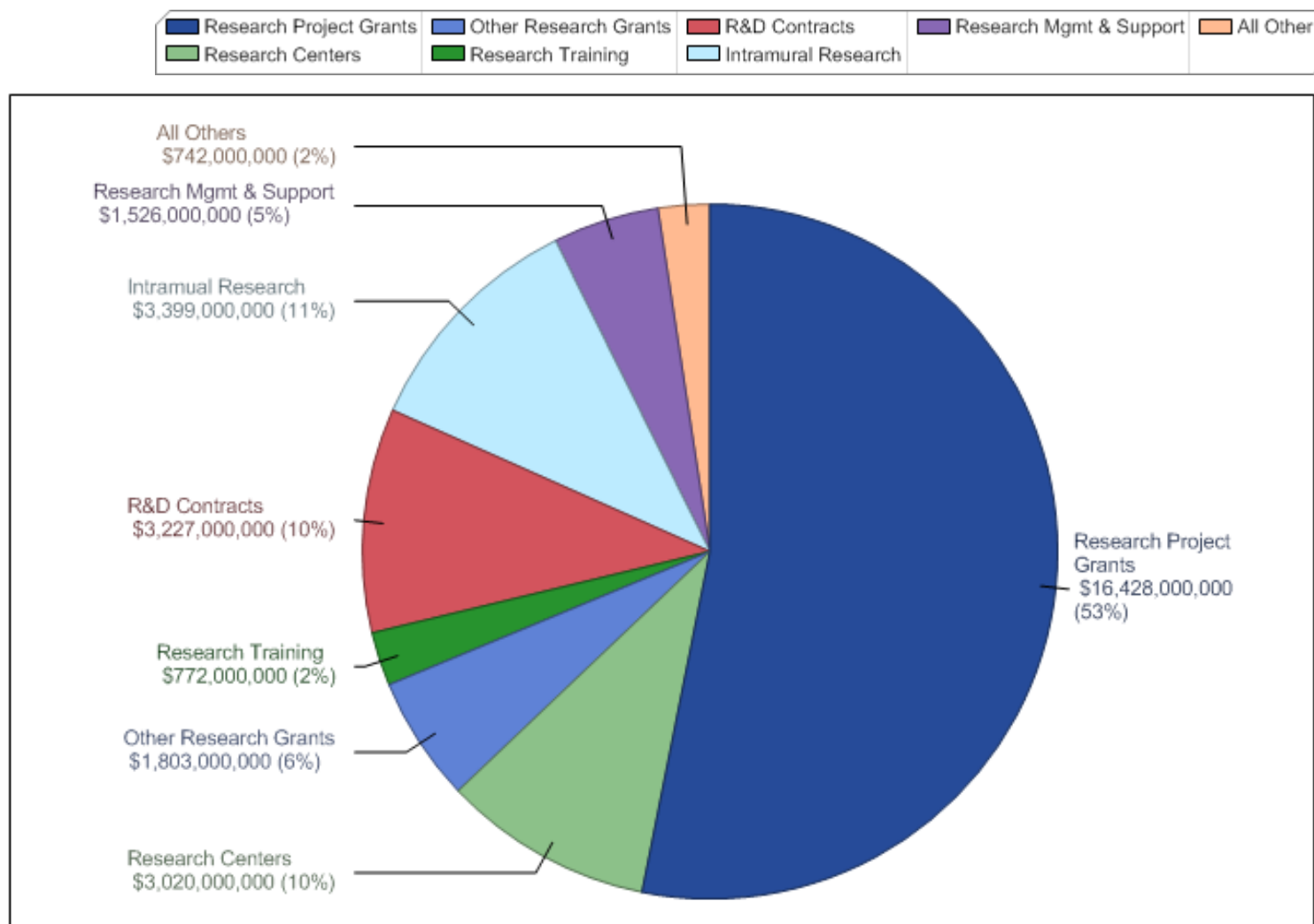
NIH budget mechanism detail FY 1995-2000

(\$ Millions)

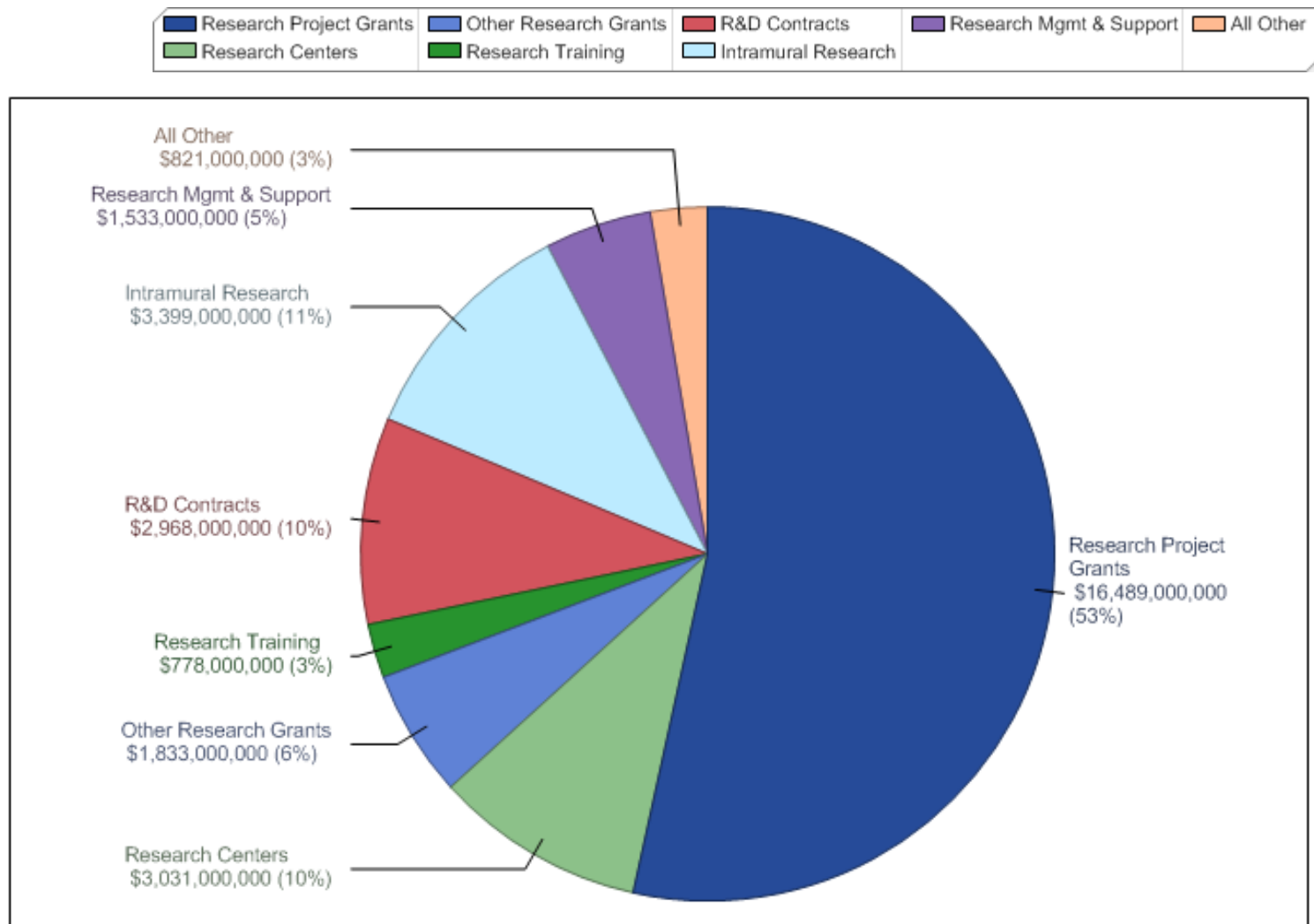
	1995	1996	1997	1998	1999	2000
Research Grants						
Research Projects Grants						
Noncompeting	\$4,404	\$4,726	\$4,998	\$5,474	\$5,822	\$6,715
Administrative Supplements	\$55	\$70	\$89	\$106	\$128	\$129
Competing	\$1,563	\$1,627	\$1,817	\$1,939	\$2,515	\$2,912
Subtotal	\$6,021	\$6,423	\$6,905	\$7,518	\$8,465	\$9,756
SBIR/STTR	\$173	\$189	\$249	\$269	\$314	\$362
Total, RPGs	\$6,195	\$6,612	\$7,154	\$7,787	\$8,779	\$10,118
Research Centers						
Spec/Comp	\$738	\$757	\$787	\$837	\$996	\$1,137
Clinical Research	\$136	\$147	\$157	\$170	\$202	\$203
Biotechnology	\$48	\$49	\$54	\$58	\$71	\$85
Comparative Medicine	\$57	\$57	\$62	\$64	\$76	\$81
RCMI	\$27	\$29	\$29	\$32	\$34	\$41
Total, Centers	\$1,006	\$1,040	\$1,089	\$1,161	\$1,380	\$1,547
Other Research						
Research Careers	\$188	\$198	\$208	\$226	\$270	\$334
Cancer Education	\$8	\$10	\$12	\$14	\$17	\$17
Coop. Clinical	\$163	\$186	\$191	\$197	\$246	\$294
BRS	\$17	\$25	\$25	\$26	\$38	\$45
MBRS	\$48	\$49	\$50	\$54	\$66	\$88
Other	\$81	\$86	\$97	\$115	\$171	\$237
Total, Other Research	\$504	\$554	\$583	\$631	\$808	\$1,013
Total, Research Grants	\$7,705	\$8,207	\$8,825	\$9,579	\$10,967	\$12,679
Training						
Individual	\$64	\$67	\$69	\$70	\$86	\$86
Institutional	\$317	\$329	\$348	\$358	\$424	\$453
Total, Training	\$381	\$395	\$417	\$428	\$509	\$540
R&D Contracts	\$791	\$765	\$790	\$794	\$1,067	\$1,148
(SBIR/STTR)	\$6	\$4	\$11	\$13	\$11	\$13
Intramural Research	\$1,223	\$1,295	\$1,346	\$1,435	\$1,565	\$1,746
Other*	\$717	\$719	\$734	\$760	\$882	\$1,066
All NIH ICs	\$10,816	\$11,380	\$12,113	\$12,996	\$14,990	\$17,178



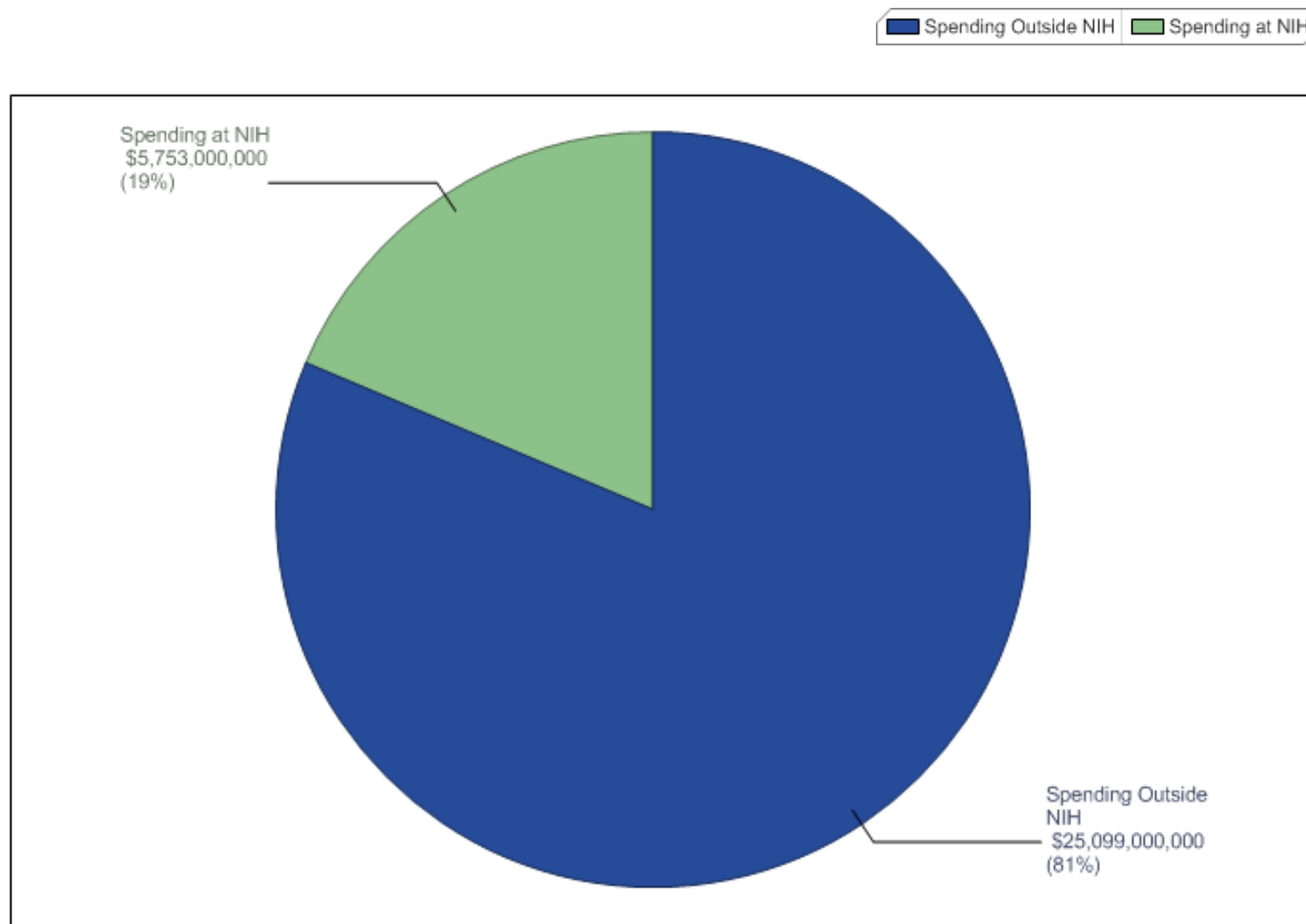
Total NIH budget authority FY 2011 actual



Total NIH budget authority FY 2012 enacted



Total NIH budget authority FY 2012 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	2010	2011	2012
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	53,132	59,658	62,267	63,504
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	45,983	49,592	51,313
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	27,719	28,656	29,515
R15	504	317	277	404	406	502	505	619	661	723	862	758	805	992	1,454	1,408
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	11,241	13,145	13,743
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	6,031	6,337	6,647
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	5,660	5,762	5,202
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	4,496	4,672	4,287
Phase 2	540	461	585	589	657	684	751	810	869	857	665	598	645	734	681	557
Fast track	41	63	129	120	129	183	273	329	190	192	227	211	234	430	409	358
STTR	335	384	405	387	358	299	416	689	759	913	1,050	842	687	678	653	645
Phase 1	300	321	337	330	293	246	356	585	649	773	867	682	535	539	508	542
Phase 2	35	60	61	48	61	46	42	65	65	100	128	118	105	92	103	71
Fast track		3	7	9	4	7	18	39	45	40	55	42	47	47	42	32
Research Centers	499	470	676	550	636	826	859	1,079	809	920	1,030	733	847	890	716	939
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	2,825	2,848	2,940
K01	233	266	277	383	376	422	503	563	645	654	578	443	395	465	441	522
K02	117	111	90	98	116	106	100	114	112	93	67	72	73	65	64	54
K07	51	88	37	75	61	72	76	154	169	144	88	84	54	72	75	68
K08	557	536	479	496	515	560	592	669	676	635	524	509	466	480	425	371
K12	15	42	53	78	23	124	52	106	126	70	106	36	42	43	76	105
K22		8	55	111	87	117	143	146	171	173	149	115	111	124	88	103
K23		1	203	394	399	421	505	635	679	666	650	574	517	558	599	555
K24			185	172	128	108	89	120	149	127	133	97	87	105	87	111
K25				19	41	42	48	80	113	99	78	50	41	69	82	75
K99										1	893	795	703	778	832	911
All Other Ks	56	30	85	95	37	37	39	55	122	50	74	57	29	66	79	65
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	3,622	2,696	2,465
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	4,214	4,169	4,438
F30	25	31	16	31	31	48	61	101	105	131	180	246	300	330	274	361
F31	442	508	503	551	698	729	972	1,227	1,425	1,651	1,611	1,500	1,377	1,561	1,564	1,770
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	2,309	2,297	2,284
F33	49	47	37	31	32	24	32	34	39	35	25	18	14	14	12	15
All Other Fs	77	49	50	56	36	9	12	28	30	13	4	6	11	0	22	8
Training, Institutional	643	596	632	700	654	732	821	910	1,032	930	977	842	913	826	781	813
T32	575	512	567	595	594	666	753	777	933	824	842	758	787	732	686	685
T34	30	34	39	45	23	37	27	28	36	30	36	29	43	36	21	21
All Other Ts	38	50	26	60	37	29	41	105	63	76	99	55	83	58	74	107



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	2010	2011	2012
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	12,387	12,852	11,911	12,303
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	9,455	8,765	9,032
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	6,091	5,264	5,340
R15	24	30	10	29	60	187	214	193	197	184	216	212	178	185	216	208
R21	271	253	421	541	777	1,115	1,299	1,488	1,495	1,533	1,854	1,758	1,423	1,671	1,694	1,932
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	1,508	1,591	1,552
SBIR	1,023	928	1,153	1,177	1,230	1,265	1,370	1,334	1,118	1,080	975	1,093	965	927	781	946
Phase 1	729	692	829	912	847	880	982	973	778	684	656	738	650	614	536	667
Phase 2	281	225	279	231	345	335	327	302	312	355	278	288	261	246	203	222
Fast track	13	11	45	34	38	50	61	59	28	41	41	67	54	67	42	57
STTR	87	109	97	108	118	110	118	262	189	189	167	159	143	152	121	149
Phase 1	75	88	78	86	87	81	95	215	146	153	125	109	104	109	80	110
Phase 2	12	21	18	20	30	29	18	32	32	26	36	46	32	32	37	28
Fast track		0	1	2	1	0	5	15	11	10	6	4	7	11	4	11
Research Centers	181	196	269	270	335	329	379	336	312	316	351	290	289	333	266	314
Research Career Awards	527	544	673	835	829	928	938	938	1,046	829	1,036	1,002	963	1,004	899	930
K01	82	90	107	137	160	179	216	179	198	180	183	172	144	185	151	168
K02	62	63	64	53	65	49	48	54	42	33	28	27	26	19	24	14
K07	25	39	16	31	22	28	27	31	37	35	23	29	21	16	19	5
K08	306	311	249	250	255	293	280	267	266	215	189	222	221	211	177	157
K12	15	19	19	19	10	44	24	33	35	24	48	19	22	21	24	49
K22		0	5	21	33	47	47	47	50	50	40	26	29	31	26	25
K23		1	86	192	184	196	214	226	232	180	217	216	227	211	203	203
K24			81	77	58	48	40	50	76	56	62	49	41	64	39	51
K25				8	23	22	20	24	37	31	27	24	9	21	19	19
K99										1	183	180	204	194	180	212
All Other Ks	37	21	46	47	19	22	22	27	73	24	36	38	19	31	37	27
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	981	1,079	932
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	1,260	1,227	1,240
F30	15	19	10	22	25	33	35	49	46	52	81	114	147	132	96	134
F31	204	242	255	285	408	389	414	478	446	500	552	518	499	480	524	505
F32	921	844	866	868	767	614	715	721	716	703	626	640	537	646	603	590
F33	17	10	13	11	14	10	17	15	14	9	13	9	7	2	2	9
All Other Fs	36	29	24	30	15	3	8	6	10	2	3	0	2	0	2	2
Training, Institutional	397	384	399	464	412	427	442	435	440	405	467	418	461	443	374	389
T32	367	329	362	401	369	386	402	382	389	348	416	366	395	382	320	328
T34	15	18	20	21	16	20	13	14	13	10	17	9	14	18	6	10
All Other Ts	15	37	17	42	27	21	27	39	38	47	34	43	52	43	48	51



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	2010	2011	2012
All Research Grants	33%	33%	34%	33%	34%	33%	32%	26%	24%	22%	24%	25%	23%	22%	19%	19%
Research Projects Grants	31%	31%	32%	32%	32%	31%	30%	25%	22%	20%	21%	22%	21%	21%	18%	18%
R01	30%	31%	32%	31%	31%	30%	30%	25%	22%	20%	23%	23%	22%	22%	18%	18%
R15	5%	9%	4%	7%	15%	37%	42%	31%	30%	25%	25%	28%	22%	19%	15%	15%
R21	44%	26%	32%	24%	30%	28%	24%	21%	18%	15%	16%	16%	14%	15%	13%	14%
All Other RPGs	34%	34%	40%	40%	40%	41%	36%	27%	29%	25%	21%	26%	27%	25%	25%	23%
SBIR	33%	31%	31%	28%	34%	31%	27%	22%	21%	24%	27%	31%	25%	16%	14%	18%
Phase 1	29%	28%	27%	26%	30%	27%	24%	20%	18%	19%	24%	27%	22%	14%	11%	16%
Phase 2	52%	49%	48%	39%	53%	49%	44%	37%	36%	41%	42%	48%	40%	34%	30%	40%
Fast track	32%	17%	35%	28%	29%	27%	22%	18%	15%	21%	18%	32%	23%	16%	10%	16%
STTR	26%	28%	24%	28%	33%	37%	28%	38%	25%	21%	16%	19%	21%	22%	19%	23%
Phase 1	25%	27%	23%	26%	30%	33%	27%	37%	22%	20%	14%	16%	19%	20%	16%	20%
Phase 2	34%	35%	30%	42%	49%	63%	43%	49%	49%	26%	28%	39%	30%	35%	36%	39%
Fast track		0%	14%	22%	25%	0%	28%	38%	24%	25%	11%	10%	15%	23%	10%	34%
Research Centers	36%	42%	40%	49%	53%	40%	44%	31%	39%	34%	34%	40%	34%	37%	37%	33%
Research Career Awards	51%	50%	46%	43%	46%	46%	44%	36%	35%	31%	31%	35%	38%	36%	32%	32%
K01	35%	34%	39%	36%	43%	42%	43%	32%	31%	28%	32%	39%	36%	40%	34%	32%
K02	53%	57%	71%	54%	56%	46%	48%	47%	38%	35%	42%	38%	36%	29%	38%	26%
K07	49%	44%	43%	41%	36%	39%	36%	20%	22%	24%	26%	34%	39%	22%	25%	7%
K08	55%	58%	52%	50%	50%	52%	47%	40%	39%	34%	36%	44%	47%	44%	42%	42%
K12	100%	45%	36%	24%	43%	35%	46%	31%	28%	34%	45%	53%	52%	49%	32%	47%
K22		0%	9%	19%	38%	40%	33%	32%	29%	29%	27%	23%	26%	25%	30%	24%
K23		100%	42%	49%	46%	47%	42%	36%	34%	27%	33%	38%	44%	38%	34%	37%
K24			44%	45%	45%	44%	45%	42%	51%	44%	47%	50%	47%	61%	45%	46%
K25				42%	56%	52%	42%	30%	33%	31%	35%	48%	22%	30%	23%	25%
K99										100%	20%	23%	29%	25%	22%	23%
All Other Ks	66%	70%	54%	49%	51%	59%	56%	49%	60%	48%	49%	67%	66%	47%	47%	42%
All Other Research Grants	57%	49%	53%	51%	50%	52%	53%	44%	43%	40%	54%	56%	55%	27%	40%	38%
Training, Individual	40%	41%	45%	47%	49%	44%	39%	35%	31%	29%	30%	33%	32%	30%	29%	28%
F30	60%	61%	63%	71%	81%	69%	57%	49%	44%	40%	45%	46%	49%	40%	35%	37%
F31	46%	48%	51%	52%	58%	53%	43%	39%	31%	30%	34%	34%	36%	31%	34%	28%
F32	38%	39%	44%	45%	45%	39%	37%	33%	30%	27%	26%	30%	27%	28%	26%	26%
F33	35%	21%	35%	35%	44%	42%	53%	44%	36%	26%	52%	50%	50%	14%	17%	60%
All Other Fs	47%	59%	48%	54%	42%	33%	67%	21%	33%	15%	75%	0%	18%	0%	9%	25%
Training, Institutional	62%	64%	63%	66%	63%	58%	54%	48%	43%	44%	48%	50%	50%	54%	48%	48%
T32	64%	64%	64%	67%	62%	58%	53%	49%	42%	42%	49%	48%	50%	52%	47%	48%
T34	50%	53%	51%	47%	70%	54%	48%	50%	36%	33%	47%	31%	33%	50%	29%	48%
All Other Ts	39%	74%	65%	70%	73%	72%	66%	37%	60%	62%	34%	78%	63%	74%	65%	48%



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	2010	2011	2012
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	\$5,175,587	\$5,369,385	\$5,008,801	\$5,328,005
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	\$3,953,126	\$3,751,174	\$3,811,804
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	\$2,553,186	\$2,263,521	\$2,289,859
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	\$52,352	\$77,504	\$78,318
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	\$359,470	\$368,623	\$422,633
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	\$988,117	\$1,041,525	\$1,020,994
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	\$292,242	\$271,015	\$321,874
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	\$129,218	\$123,802	\$154,238
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	\$146,229	\$137,153	\$153,650
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	\$16,795	\$10,060	\$13,986
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	\$42,128	\$40,113	\$44,939
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	\$21,620	\$18,322	\$23,858
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	\$18,207	\$20,978	\$18,240
Fast track			\$100	\$282	\$221	\$0	\$1,437	\$2,738	\$1,650	\$1,238	\$1,075	\$468	\$1,123	\$2,301	\$814	\$2,841
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	\$553,625	\$392,183	\$623,288
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	\$149,263	\$143,006	\$154,649
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	\$24,378	\$19,779	\$22,586
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	\$2,264	\$3,162	\$1,683
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	\$2,228	\$3,102	\$713
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	\$30,788	\$26,461	\$23,254
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	\$12,244	\$8,853	\$22,858
K22			\$668	\$2,969	\$4,504	\$6,706	\$6,805	\$6,691	\$7,410	\$7,601	\$5,967	\$4,066	\$4,743	\$5,171	\$4,177	\$4,239
K23		\$133	\$11,118	\$24,784	\$24,491	\$27,167	\$29,554	\$31,654	\$32,796	\$25,804	\$31,122	\$31,636	\$33,659	\$31,635	\$31,037	\$31,821
K24			\$8,258	\$8,117	\$6,746	\$5,721	\$5,025	\$5,952	\$10,763	\$8,599	\$9,649	\$7,777	\$6,693	\$10,771	\$6,634	\$8,110
K25				\$974	\$2,828	\$2,636	\$2,502	\$3,104	\$4,953	\$4,289	\$3,695	\$3,072	\$1,288	\$2,896	\$2,688	\$2,676
K99										\$90	\$16,283	\$17,195	\$19,754	\$19,185	\$18,730	\$21,550



Research and training grants

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

(\$ Thousands)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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	\$7,704	\$18,382	\$15,160
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	\$379,000	\$411,311	\$371,451
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	\$53,406	\$53,062	\$53,695
F30	\$381	\$427	\$234	\$601	\$669	\$1,025	\$1,161	\$1,747	\$1,555	\$1,866	\$2,818	\$3,965	\$5,332	\$4,730	\$3,695	\$4,888
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	\$16,389	\$18,357	\$17,986
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	\$32,198	\$30,798	\$30,230
F33	\$576	\$369	\$528	\$448	\$623	\$452	\$896	\$648	\$665	\$415	\$676	\$482	\$326	\$90	\$109	\$461
All Other Fs	\$1,309	\$1,033	\$917	\$1,069	\$631	\$173	\$417	\$344	\$720	\$122	\$147	\$0	\$112	\$0	\$104	\$130
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	\$164,567	\$105,569	\$123,185
T32	\$61,843	\$61,384	\$74,751	\$100,984	\$97,012	\$108,450	\$111,881	\$104,816	\$126,103	\$94,820	\$127,800	\$108,224	\$111,197	\$118,841	\$93,938	\$100,636
T34	\$4,443	\$4,706	\$4,488	\$6,067	\$4,356	\$7,085	\$4,456	\$3,202	\$5,512	\$2,874	\$6,167	\$3,462	\$3,934	\$7,929	\$1,973	\$3,828
All Other Ts	\$971	\$2,509	\$1,450	\$4,143	\$2,559	\$3,495	\$3,268	\$6,576	\$5,715	\$8,171	\$6,187	\$7,835	\$9,762	\$37,797	\$9,658	\$18,721



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	2010	2011	2012
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	\$418,000	\$418,000	\$421,000	\$433,066
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	\$419,000	\$419,000	\$428,000	\$422,033
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	\$409,000	\$420,000	\$430,000	\$428,813
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	\$210,000	\$283,000	\$359,000	\$376,531
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	\$218,000	\$216,000	\$218,000	\$218,754
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	\$669,000	\$656,000	\$655,000	\$657,857
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	\$314,000	\$316,000	\$348,000	\$340,247
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	\$198,000	\$211,000	\$231,000	\$231,241
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	\$607,000	\$595,000	\$676,000	\$692,118
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	\$292,000	\$251,000	\$240,000	\$245,365
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	\$258,000	\$278,000	\$332,000	\$301,602
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	\$188,000	\$199,000	\$230,000	\$216,888
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	\$508,000	\$569,000	\$567,000	\$651,444
Fast track			\$100,000	\$141,000	\$221,000		\$287,000	\$183,000	\$150,000	\$124,000	\$179,000	\$117,000	\$161,000	\$210,000	\$204,000	\$258,239
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	\$1,915,000	\$1,663,000	\$1,475,000	\$1,984,994
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	\$143,000	\$149,000	\$160,000	\$166,289
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	\$130,000	\$132,000	\$131,000	\$134,441
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	\$126,000	\$120,000	\$132,000	\$120,228
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	\$142,000	\$140,000	\$164,000	\$142,659
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	\$141,000	\$146,000	\$150,000	\$148,116
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	\$499,000	\$584,000	\$369,000	\$466,487
K22			\$134,000	\$141,000	\$136,000	\$143,000	\$145,000	\$142,000	\$148,000	\$152,000	\$149,000	\$156,000	\$164,000	\$167,000	\$161,000	\$169,568
K23		\$133,000	\$129,000	\$129,000	\$133,000	\$139,000	\$138,000	\$140,000	\$141,000	\$143,000	\$143,000	\$146,000	\$149,000	\$150,000	\$153,000	\$156,752
K24			\$102,000	\$105,000	\$116,000	\$119,000	\$126,000	\$119,000	\$142,000	\$154,000	\$156,000	\$159,000	\$164,000	\$169,000	\$171,000	\$159,011
K25				\$122,000	\$123,000	\$120,000	\$125,000	\$129,000	\$134,000	\$138,000	\$137,000	\$128,000	\$144,000	\$138,000	\$142,000	\$140,822
K99										\$90,000	\$89,000	\$96,000	\$97,000	\$99,000	\$105,000	\$101,651
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	\$237,000	\$249,000	\$497,000	\$561,467



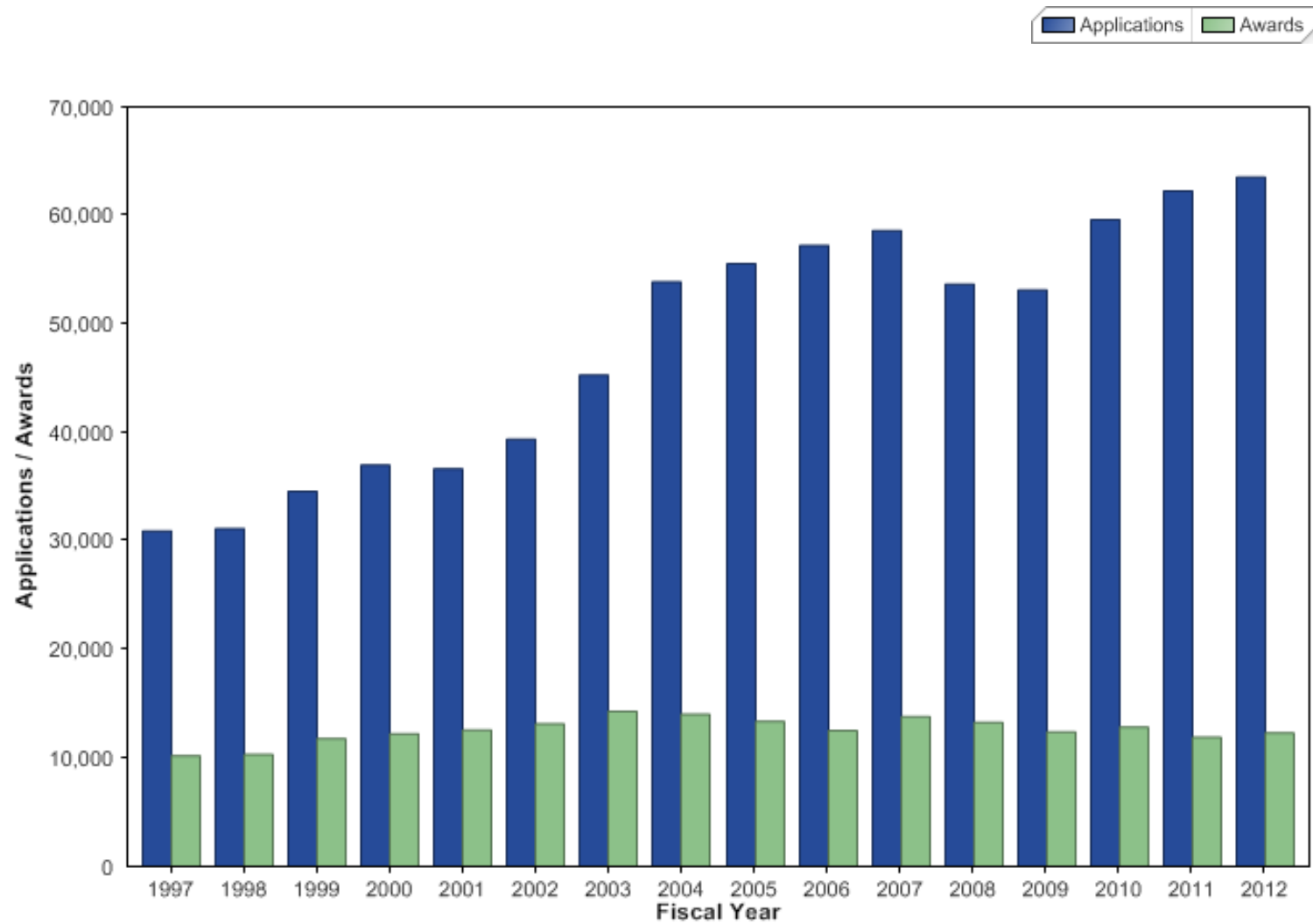
Research and training grants

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

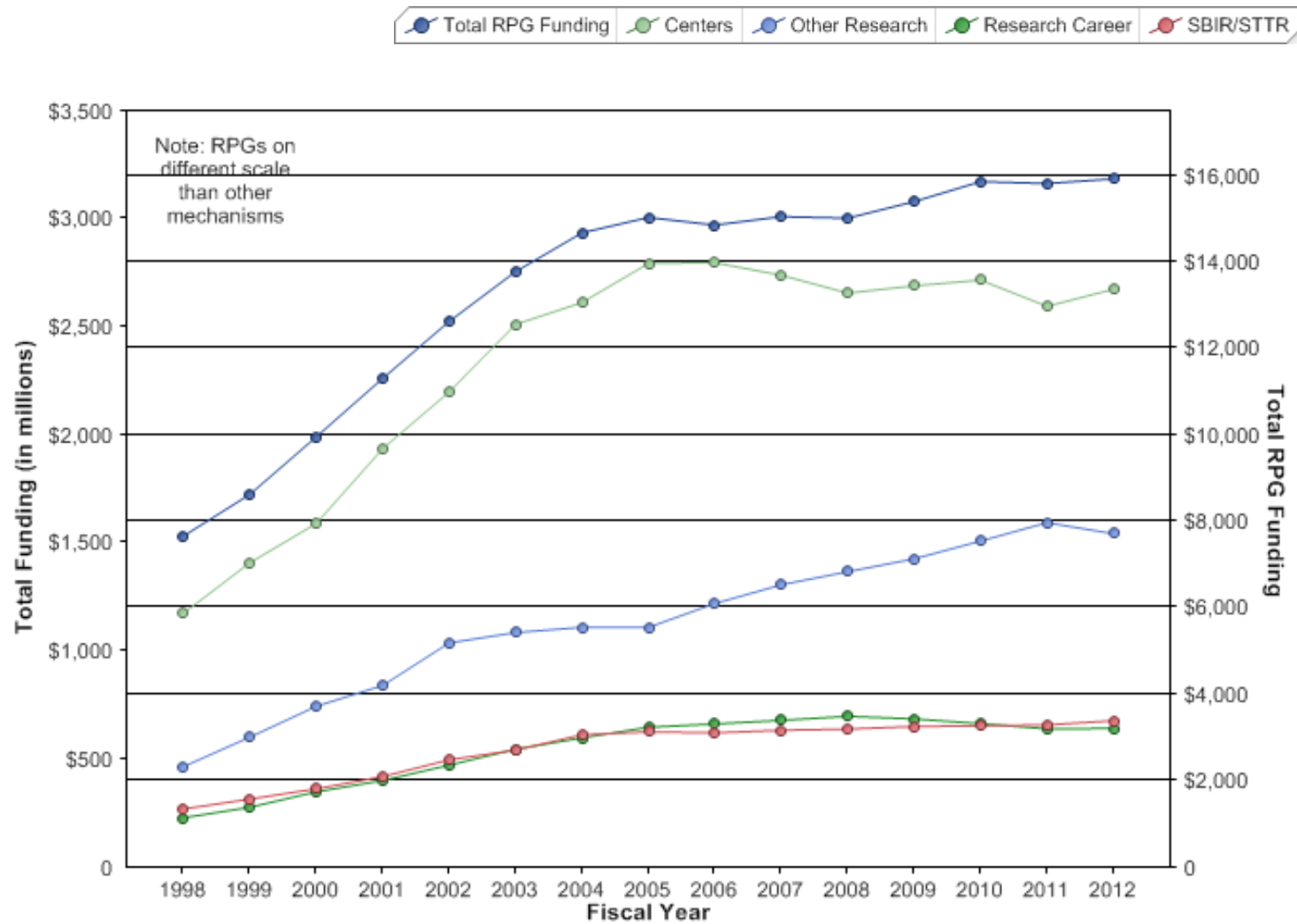
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All Other Research Grants	\$153,000	\$228,000	\$272,000	\$371,000	\$294,000	\$325,000	\$696,000	\$336,000	\$399,000	\$329,000	\$332,000	\$392,000	\$378,000	\$387,000	\$382,000	\$398,553
Training, Individual	\$27,000	\$27,000	\$32,000	\$32,000	\$34,000	\$37,000	\$40,000	\$40,000	\$41,000	\$42,000	\$41,000	\$41,000	\$42,000	\$43,000	\$44,000	\$43,303
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	\$37,000	\$36,000	\$39,000	\$36,480
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	\$34,000	\$35,000	\$36,000	\$35,616
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	\$50,000	\$50,000	\$52,000	\$51,237
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	\$47,000	\$45,000	\$55,000	\$51,239
All Other Fs	\$36,000	\$36,000	\$38,000	\$36,000	\$42,000	\$58,000	\$52,000	\$57,000	\$72,000	\$61,000	\$49,000		\$56,000	\$0	\$52,000	\$65,090
Training, Institutional	\$169,000	\$179,000	\$202,000	\$240,000	\$252,000	\$279,000	\$271,000	\$263,000	\$312,000	\$261,000	\$300,000	\$286,000	\$271,000	\$372,000	\$283,000	\$316,672
T32	\$169,000	\$187,000	\$206,000	\$252,000	\$263,000	\$281,000	\$278,000	\$274,000	\$324,000	\$272,000	\$307,000	\$296,000	\$282,000	\$312,000	\$294,000	\$306,816
T34	\$296,000	\$261,000	\$224,000	\$289,000	\$272,000	\$354,000	\$343,000	\$229,000	\$424,000	\$287,000	\$363,000	\$385,000	\$281,000	\$441,000	\$329,000	\$382,843
All Other Ts	\$65,000	\$68,000	\$85,000	\$99,000	\$95,000	\$166,000	\$121,000	\$169,000	\$150,000	\$174,000	\$182,000	\$182,000	\$188,000	\$880,000	\$202,000	\$367,086



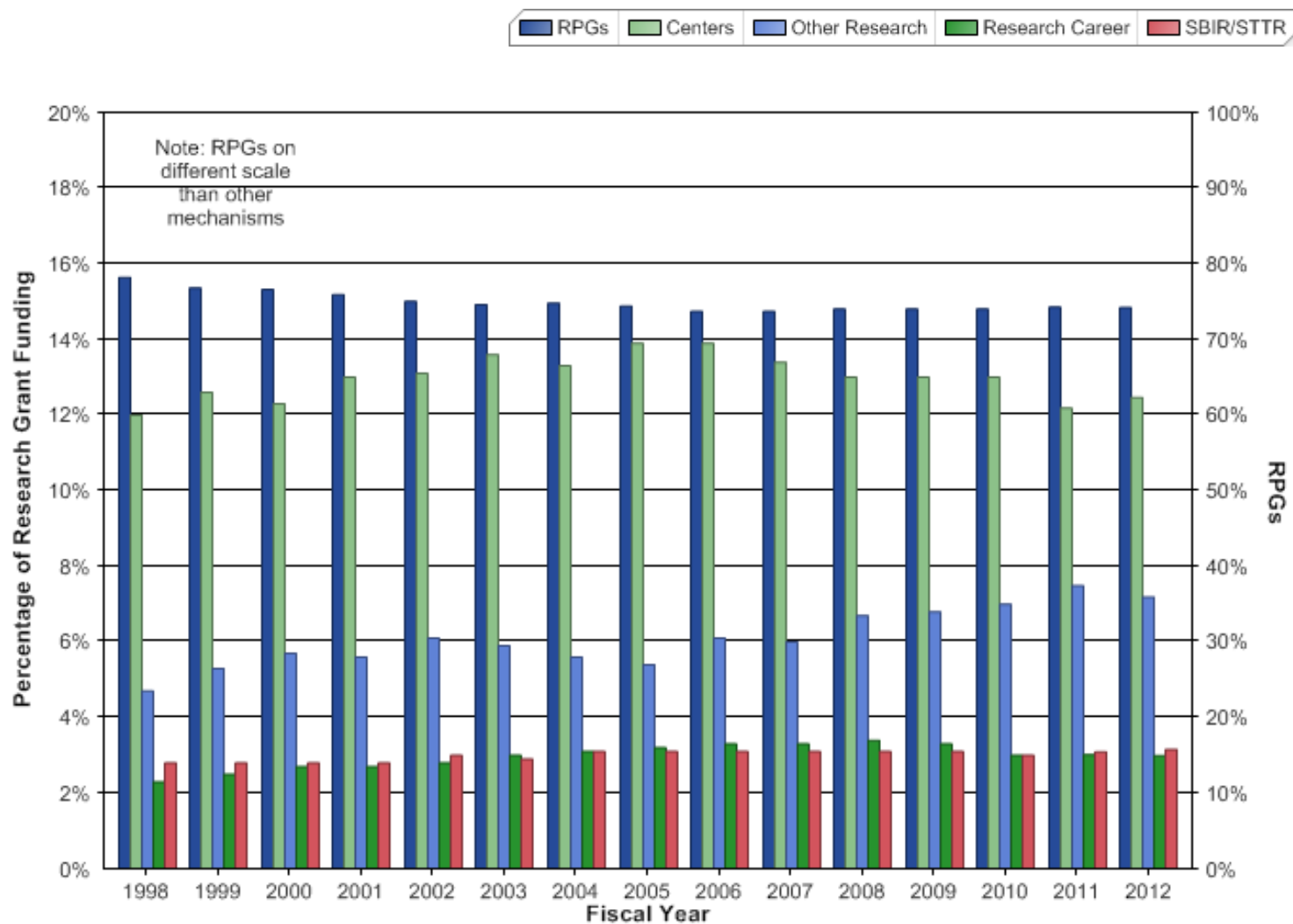
Research grants Competing applications and awards



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	2010	2011	2012
FIC	145	150	178	203	266	283	303	283	269	248	226	209	207	185	191
NCATS															210
NCCAM		31	115	178	220	230	276	309	318	306	275	277	262	249	250
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	6,194	6,162	6,115
NCRR	700	755	838	870	1,126	1,147	1,052	1,069	1,105	1,060	900	902	883	863	
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	1,317	1,297	1,263
NHGRI	196	201	210	208	232	270	305	322	329	341	351	354	362	340	363
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	4,820	4,768	4,673
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	1,791	1,851	1,843
NIAAA	669	708	767	819	848	876	901	895	904	915	915	902	875	862	825
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	4,616	4,601	4,730
NIAMS	957	991	1,050	1,145	1,181	1,224	1,272	1,259	1,250	1,273	1,291	1,287	1,273	1,267	1,256
NIBIB					287	732	743	764	766	792	741	676	661	632	688
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	2,233	2,226	2,242
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	1,904	1,905	1,941
NIDCD	688	772	824	906	986	1,018	1,026	999	966	982	939	926	947	946	924
NIDCR	603	601	671	739	747	799	839	847	791	778	788	753	748	755	702
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	3,722	3,689	3,579
NIEHS	622	632	707	754	797	792	786	750	767	791	788	759	849	839	859
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	4,539	4,414	4,716
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	2,842	2,747	2,791
NIMHD					48	85	102	133	125	114	135	164	191	236	252
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	3,215	3,284	3,282
NINR	228	255	277	312	332	359	359	357	340	331	342	315	283	291	300
NLM	76	68	67	66	67	78	88	99	101	118	119	104	99	98	105
OD							9	22	35	77	93	113	131	135	400
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	44,964	44,642	44,500



Research grants Funding by Institute / Center

(\$ Millions)

Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
FIC	\$7	\$9	\$13	\$16	\$24	\$31	\$36	\$36	\$34	\$35	\$35	\$35	\$46	\$54	\$41
NCATS															\$481
NCCAM		\$23	\$53	\$66	\$78	\$89	\$93	\$98	\$97	\$100	\$98	\$96	\$92	\$97	\$107
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	\$3,145	\$3,119	\$3,108
NCRR	\$417	\$494	\$569	\$734	\$891	\$995	\$1,016	\$1,076	\$1,155	\$1,176	\$1,190	\$1,199	\$1,202	\$1,191	
NEI	\$296	\$332	\$379	\$422	\$469	\$505	\$524	\$534	\$533	\$544	\$548	\$565	\$571	\$565	\$572
NHGRI	\$162	\$213	\$255	\$326	\$362	\$353	\$348	\$367	\$375	\$416	\$423	\$435	\$445	\$423	\$454
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	\$2,342	\$2,294	\$2,332
NIA	\$415	\$472	\$546	\$623	\$697	\$774	\$804	\$826	\$813	\$835	\$832	\$876	\$893	\$876	\$882
NIAAA	\$180	\$205	\$233	\$264	\$286	\$308	\$320	\$323	\$318	\$326	\$324	\$330	\$338	\$331	\$332
NIAID	\$975	\$1,096	\$1,318	\$1,481	\$1,621	\$1,860	\$2,357	\$2,479	\$2,546	\$2,568	\$2,569	\$2,601	\$2,631	\$2,700	\$2,719
NIAMS	\$231	\$254	\$283	\$313	\$343	\$370	\$397	\$400	\$400	\$408	\$409	\$427	\$427	\$430	\$440
NIBIB					\$101	\$258	\$266	\$273	\$271	\$273	\$268	\$265	\$269	\$261	\$293
NICHD	\$486	\$549	\$637	\$743	\$834	\$876	\$893	\$922	\$883	\$893	\$889	\$909	\$927	\$920	\$947
NIDA	\$397	\$457	\$515	\$589	\$648	\$706	\$720	\$738	\$721	\$743	\$749	\$776	\$811	\$794	\$821
NIDCD	\$162	\$186	\$211	\$239	\$272	\$292	\$299	\$307	\$300	\$302	\$300	\$309	\$318	\$316	\$320
NIDCR	\$148	\$163	\$183	\$212	\$238	\$259	\$275	\$277	\$268	\$271	\$278	\$286	\$298	\$291	\$292
NIDDK	\$725	\$832	\$953	\$1,104	\$1,240	\$1,343	\$1,435	\$1,461	\$1,427	\$1,405	\$1,379	\$1,415	\$1,494	\$1,570	\$1,575
NIEHS	\$212	\$238	\$275	\$310	\$357	\$372	\$371	\$375	\$374	\$379	\$389	\$400	\$422	\$414	\$423
NIGMS	\$933	\$1,036	\$1,189	\$1,352	\$1,491	\$1,590	\$1,645	\$1,680	\$1,668	\$1,696	\$1,671	\$1,712	\$1,731	\$1,702	\$2,135
NIMH	\$559	\$641	\$739	\$827	\$923	\$988	\$1,030	\$1,062	\$1,045	\$1,056	\$1,091	\$1,133	\$1,170	\$1,142	\$1,186
NIMHD					\$68	\$103	\$114	\$129	\$123	\$123	\$129	\$144	\$151	\$173	\$230
NINDS	\$627	\$732	\$847	\$963	\$1,089	\$1,178	\$1,203	\$1,245	\$1,252	\$1,291	\$1,293	\$1,310	\$1,338	\$1,313	\$1,334
NINR	\$56	\$63	\$77	\$92	\$103	\$111	\$113	\$116	\$111	\$110	\$111	\$112	\$110	\$111	\$111
NLM	\$16	\$17	\$18	\$21	\$24	\$26	\$30	\$32	\$32	\$36	\$38	\$35	\$36	\$32	\$35
OD							\$7	\$17	\$27	\$108	\$123	\$158	\$193	\$182	\$291
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	\$21,402	\$21,304	\$21,461



Research Project Grants Awards by Institute / Center

Institute / Center	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
FIC	146	161	186	240	251	255	217	201	178	163	155	140	118	96
NCATS														10
NCCAM	17	72	121	142	153	201	225	240	229	194	193	190	180	178
NCI	4,225	4,413	4,564	4,725	4,887	5,186	5,286	5,293	5,359	5,224	5,001	4,913	4,929	4,907
NCRR	160	150	139	112	112	120	116	110	100	108	112	134	120	
NEI	1,032	1,074	1,120	1,163	1,198	1,242	1,200	1,156	1,124	1,069	1,067	1,103	1,092	1,053
NHGRI	132	127	116	116	151	176	191	204	232	257	264	265	246	252
NHLBI	3,380	3,597	3,894	4,115	4,223	4,232	4,039	3,929	3,832	3,837	3,936	3,885	3,787	3,706
NIA	1,104	1,144	1,282	1,322	1,366	1,397	1,465	1,470	1,564	1,550	1,475	1,368	1,431	1,415
NIAAA	584	633	679	713	721	740	731	736	755	750	731	714	696	647
NIAID	3,123	3,297	3,364	3,525	4,001	4,168	4,186	4,154	4,277	4,200	3,908	3,923	3,897	4,034
NIAMS	820	869	924	967	984	1,018	993	994	1,024	1,026	1,023	1,010	1,014	1,001
NIBIB				238	630	620	654	662	673	623	578	559	533	554
NICHD	1,479	1,548	1,659	1,785	1,812	1,750	1,775	1,728	1,737	1,751	1,674	1,617	1,591	1,606
NIDA	1,145	1,217	1,337	1,398	1,463	1,456	1,452	1,429	1,491	1,517	1,485	1,479	1,498	1,536
NIDCD	669	717	790	862	891	898	886	859	861	830	818	831	845	820
NIDCR	510	555	610	617	632	680	666	644	646	651	618	625	637	602
NIDDK	2,562	2,719	2,820	2,904	3,147	3,321	3,310	3,213	3,116	2,976	2,834	2,897	2,868	2,768
NIEHS	509	550	579	593	574	566	548	568	609	594	601	669	651	678
NIGMS	3,718	3,809	3,929	4,036	4,022	3,993	4,009	3,930	4,018	3,948	3,866	3,813	3,718	3,827
NIMH	1,564	1,781	1,956	2,098	2,191	2,260	2,255	2,170	2,210	2,233	2,189	2,157	2,092	2,188
NIMHD											12	39	52	54
NINDS	2,169	2,377	2,527	2,687	2,749	2,833	2,760	2,820	2,821	2,696	2,603	2,647	2,728	2,706
NINR	206	225	254	255	283	280	284	269	269	272	259	233	240	244
NLM									83	94	84	80	75	82
OD						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	35,291	35,038	34,964



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
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Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
FIC	145	146	161	186	240	251	255	217	201	178	163	155	233	118	96
NCATS															10
NCCAM		17	72	121	142	153	201	225	240	229	194	193	140	180	178
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	4,913	4,929	4,907
NCRR	145	160	150	139	112	112	120	116	110	100	108	112	134	120	
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	1,103	1,092	1,053
NHGRI	134	132	127	116	116	151	176	191	204	232	257	264	190	246	252
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	3,885	3,787	3,706
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	1,368	1,431	1,415
NIAAA	562	584	633	679	713	721	740	731	736	755	750	731	714	696	647
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	3,813	3,897	4,034
NIAMS	805	820	869	924	967	984	1,018	993	994	1,024	1,026	1,023	1,010	1,014	1,001
NIBIB					238	630	620	654	662	673	623	578	625	533	554
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	1,617	1,591	1,606
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	1,479	1,498	1,536
NIDCD	597	669	717	790	862	891	898	886	859	861	830	818	831	845	820
NIDCR	503	510	555	610	617	632	680	666	644	646	651	618	669	637	602
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	2,897	2,868	2,768
NIEHS	507	509	550	579	593	574	566	548	568	609	594	601	559	651	678
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	3,923	3,718	3,827
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	2,157	2,092	2,188
NIMHD												12	39	52	54
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	2,647	2,728	2,706
NINR	183	206	225	254	255	283	280	284	269	269	272	259	265	240	244
NLM										83	94	84	131	75	82
OD							9	22	35	77	93	113	80	135	65



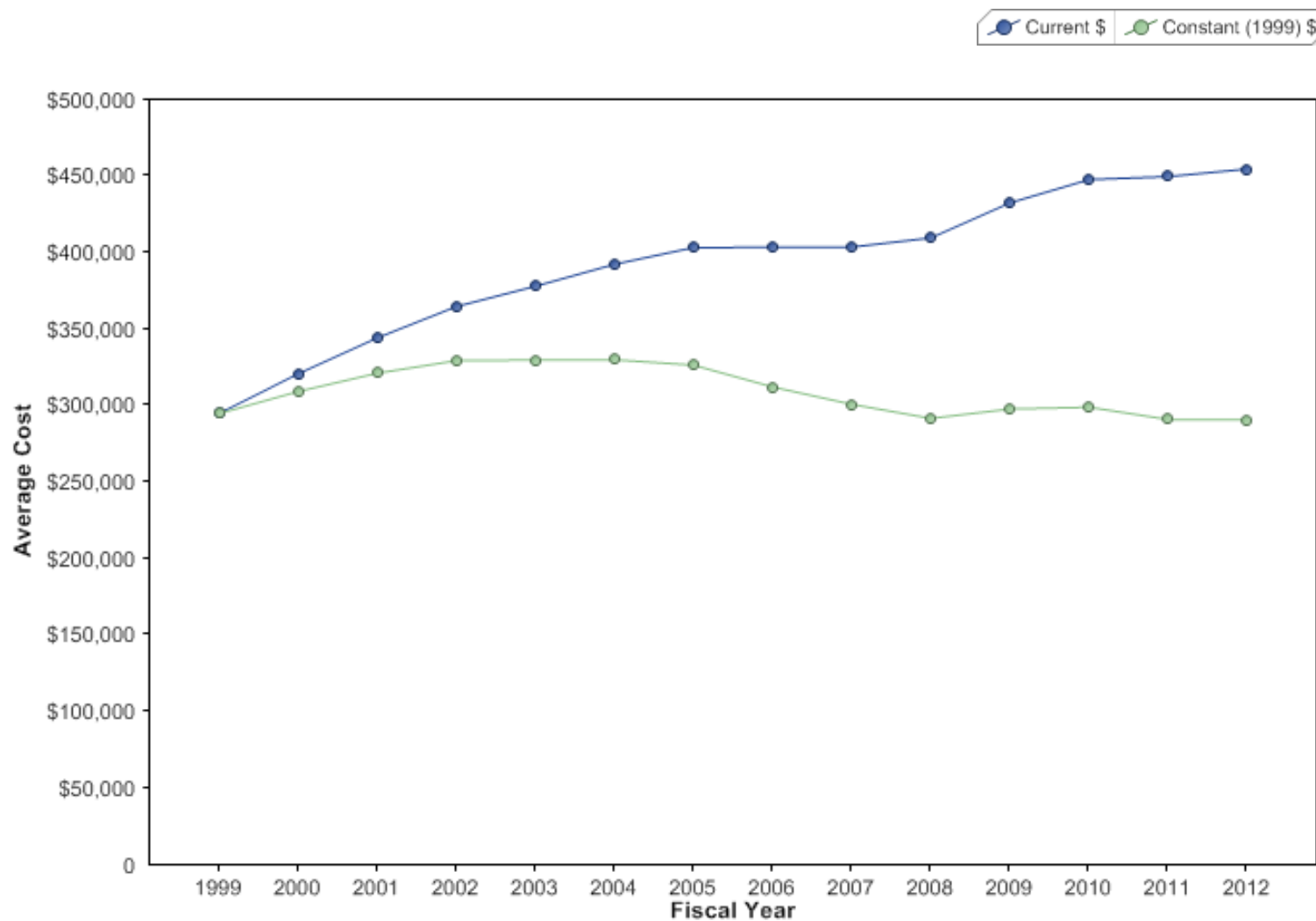
Research Project Grants Funding by Institute / Center

(\$ Millions)

Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
FIC	\$7	\$8	\$11	\$13	\$20	\$26	\$27	\$24	\$22	\$19	\$18	\$18	\$18	\$17	\$15
NCATS															\$10
NCCAM		\$9	\$26	\$36	\$45	\$56	\$68	\$76	\$77	\$79	\$77	\$74	\$73	\$78	\$86
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	\$2,008	\$2,014	\$2,035
NCRR	\$34	\$40	\$41	\$41	\$35	\$37	\$40	\$39	\$35	\$31	\$33	\$32	\$35	\$33	
NEI	\$234	\$256	\$288	\$325	\$361	\$385	\$400	\$407	\$399	\$410	\$404	\$428	\$431	\$430	\$435
NHGRI	\$81	\$62	\$66	\$66	\$81	\$105	\$106	\$115	\$130	\$157	\$172	\$177	\$169	\$154	\$146
NHLBI	\$981	\$1,108	\$1,315	\$1,540	\$1,733	\$1,863	\$1,950	\$1,982	\$1,950	\$1,929	\$1,922	\$1,976	\$2,066	\$2,012	\$2,037
NIA	\$325	\$372	\$442	\$511	\$575	\$645	\$672	\$687	\$673	\$689	\$684	\$723	\$743	\$729	\$732
NIAAA	\$137	\$156	\$180	\$207	\$232	\$249	\$254	\$257	\$253	\$261	\$260	\$263	\$271	\$264	\$258
NIAID	\$911	\$1,025	\$1,224	\$1,374	\$1,488	\$1,682	\$2,094	\$2,186	\$2,257	\$2,283	\$2,279	\$2,306	\$2,328	\$2,380	\$2,403
NIAMS	\$189	\$207	\$233	\$257	\$286	\$311	\$335	\$337	\$333	\$337	\$337	\$352	\$354	\$354	\$360
NIBIB					\$87	\$218	\$219	\$231	\$230	\$227	\$222	\$219	\$226	\$222	\$228
NICHD	\$374	\$430	\$499	\$584	\$648	\$678	\$675	\$683	\$673	\$670	\$665	\$670	\$677	\$670	\$706
NIDA	\$325	\$367	\$402	\$462	\$512	\$560	\$566	\$578	\$558	\$573	\$578	\$602	\$631	\$619	\$652
NIDCD	\$135	\$156	\$183	\$209	\$235	\$255	\$263	\$272	\$266	\$270	\$268	\$278	\$286	\$286	\$285
NIDCR	\$116	\$129	\$146	\$173	\$199	\$213	\$232	\$234	\$236	\$236	\$235	\$245	\$258	\$254	\$261
NIDDK	\$630	\$717	\$819	\$941	\$1,061	\$1,145	\$1,224	\$1,240	\$1,196	\$1,170	\$1,138	\$1,165	\$1,230	\$1,286	\$1,282
NIEHS	\$146	\$165	\$194	\$222	\$250	\$260	\$262	\$265	\$260	\$272	\$287	\$299	\$323	\$317	\$327
NIGMS	\$838	\$921	\$1,000	\$1,102	\$1,191	\$1,243	\$1,288	\$1,319	\$1,300	\$1,329	\$1,330	\$1,356	\$1,379	\$1,369	\$1,435
NIMH	\$389	\$453	\$543	\$624	\$704	\$742	\$771	\$788	\$767	\$779	\$808	\$857	\$899	\$880	\$940
NIMHD												\$4	\$13	\$17	\$19
NINDS	\$549	\$637	\$743	\$853	\$954	\$1,029	\$1,049	\$1,079	\$1,052	\$1,077	\$1,066	\$1,086	\$1,122	\$1,122	\$1,120
NINR	\$49	\$56	\$68	\$80	\$88	\$97	\$97	\$99	\$94	\$95	\$96	\$100	\$100	\$101	\$100
NLM										\$25	\$28	\$27	\$28	\$24	\$28
OD							\$7	\$17	\$27	\$108	\$123	\$158	\$193	\$182	\$24
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	\$15,858	\$15,815	\$15,924

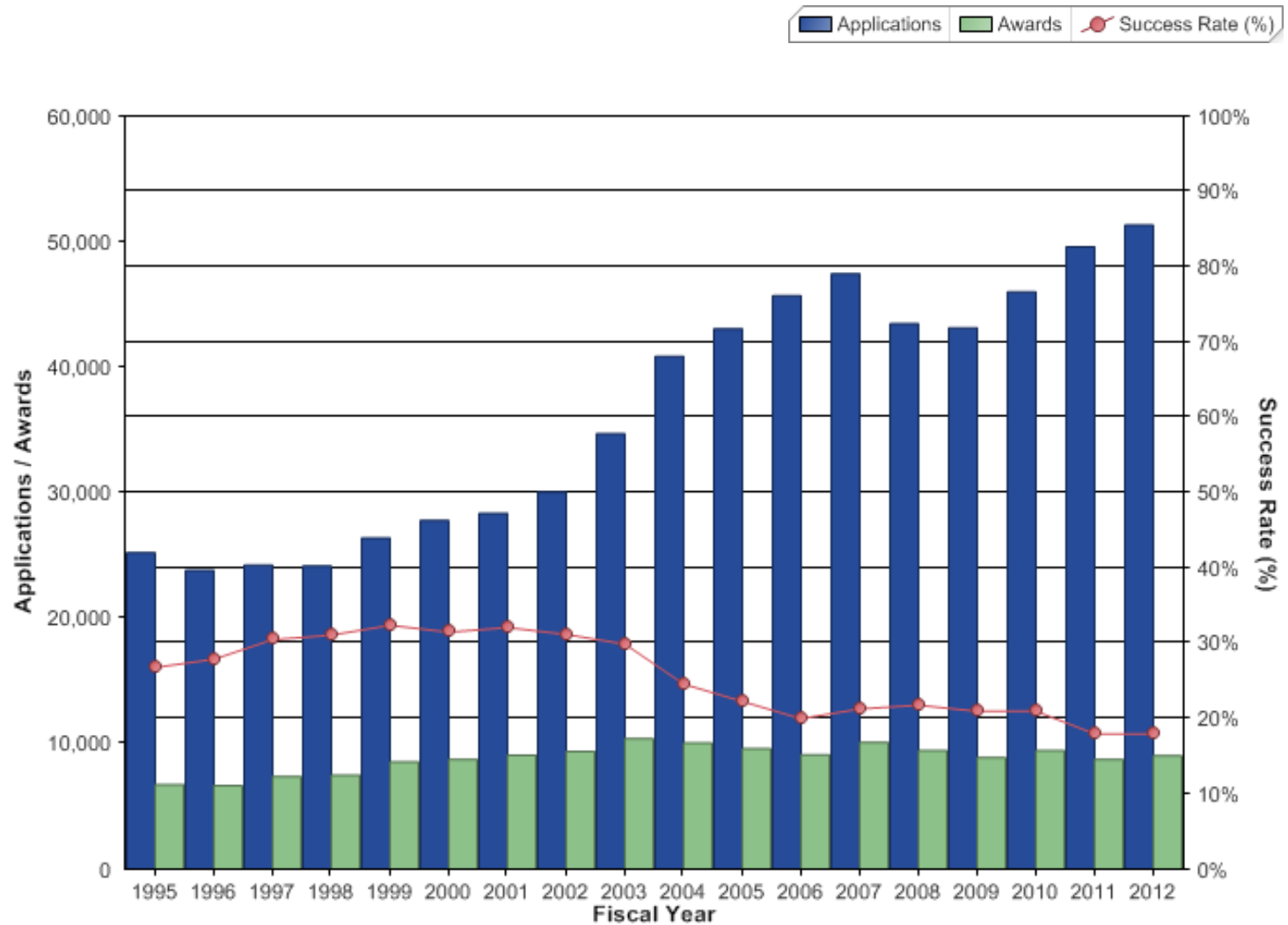


Research Project Grants Average size

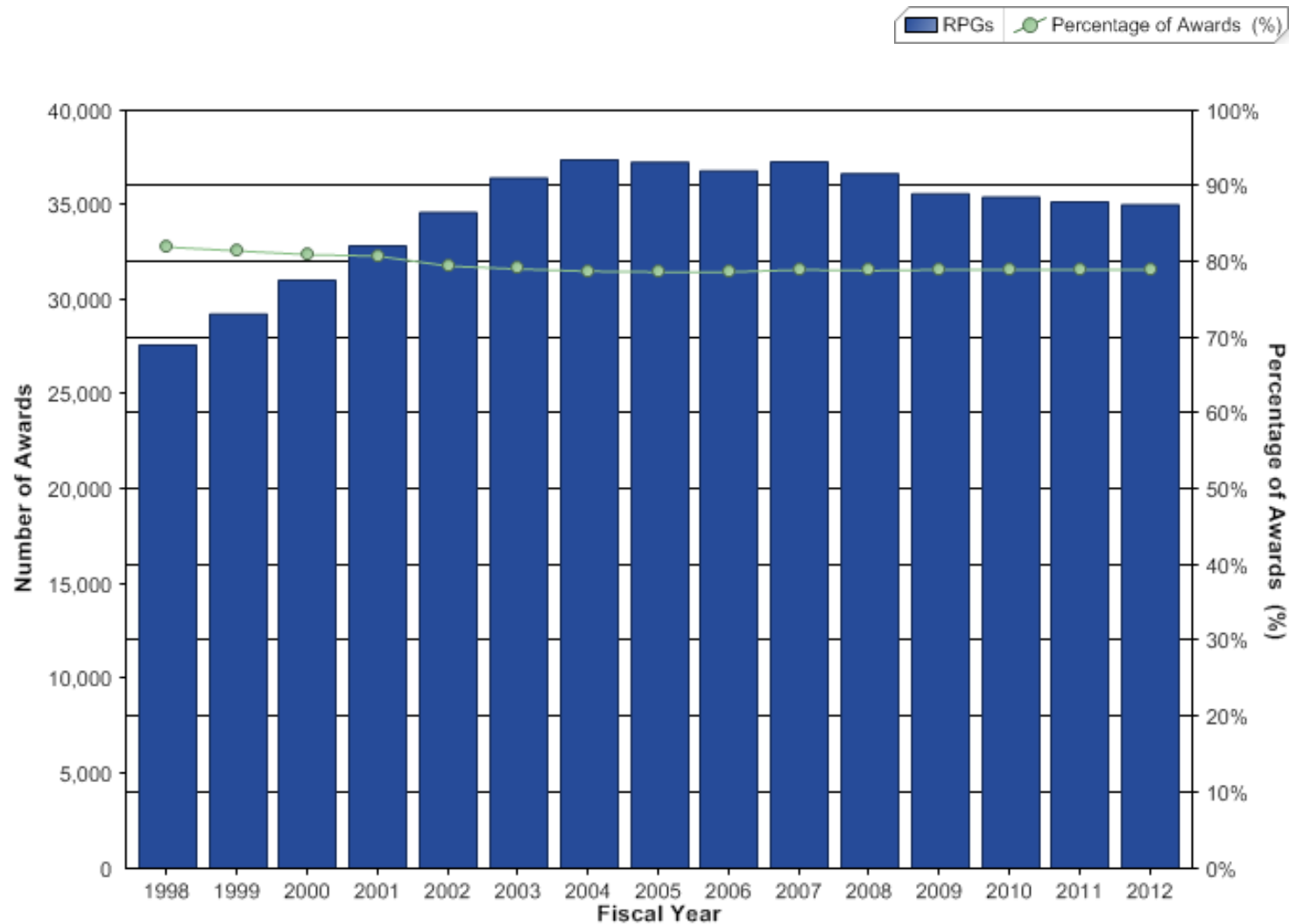


Research Project Grants

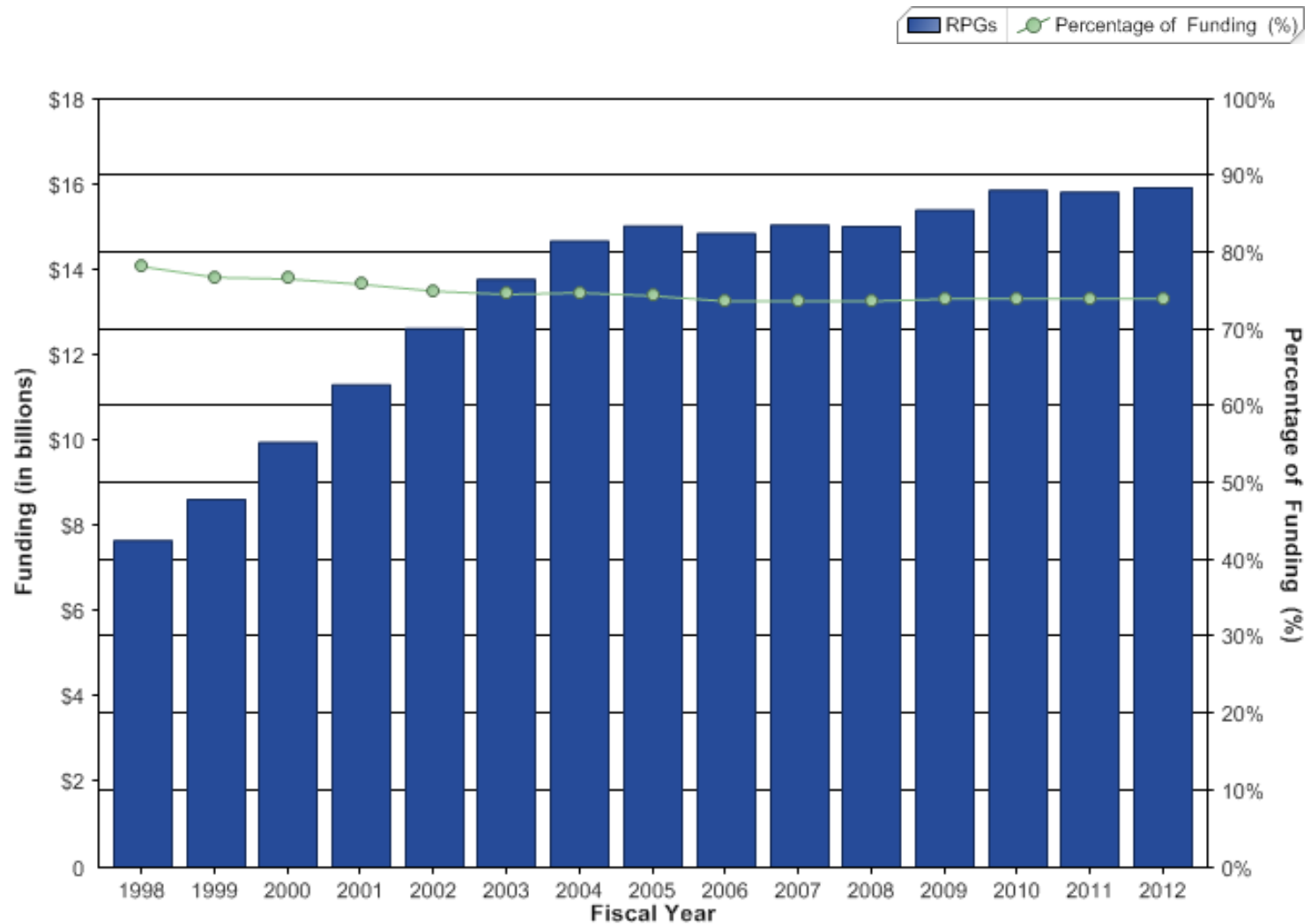
Applications, awards, and success rates



Research Project Grants Awards as percentage of all research grants

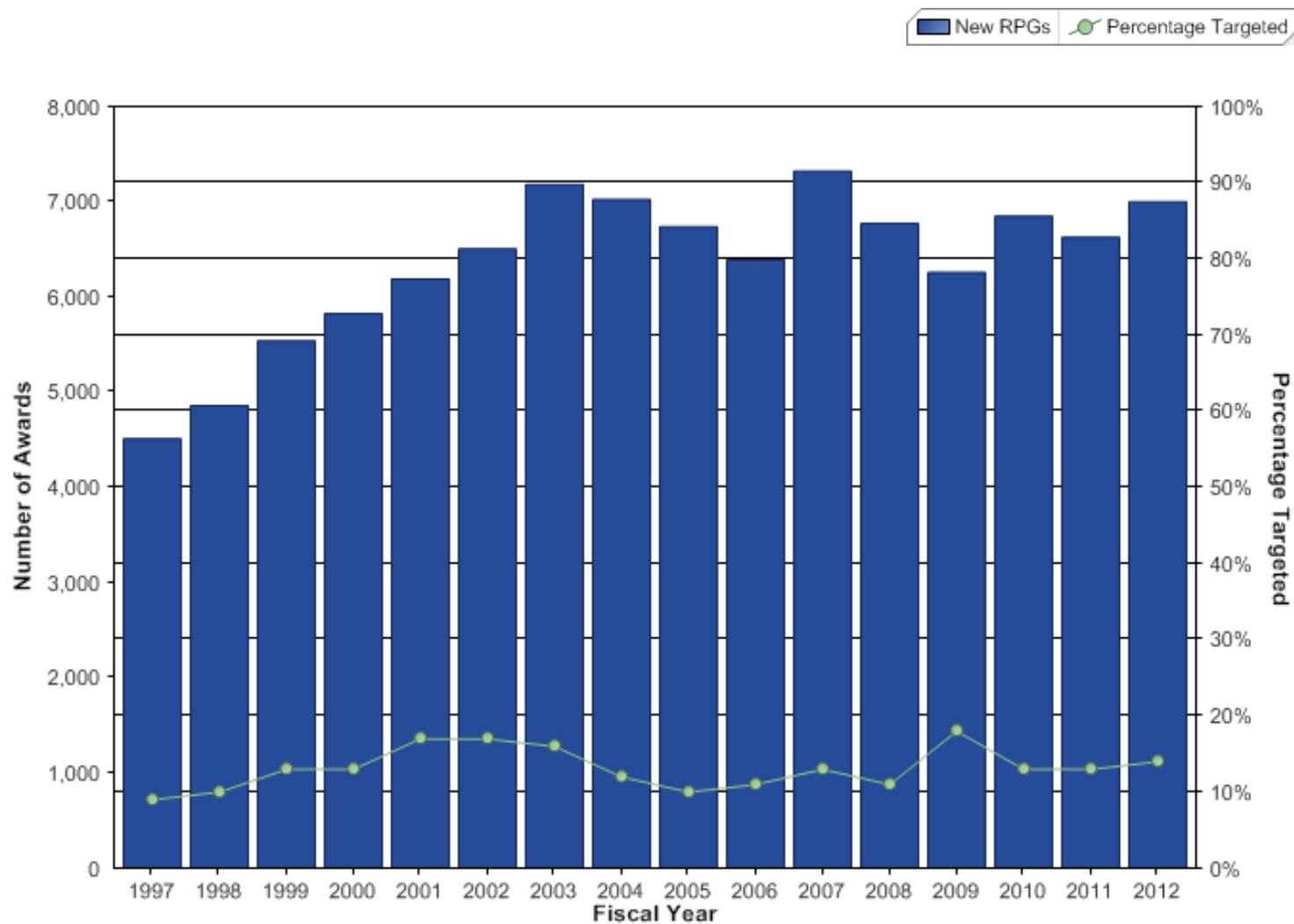


Research Project Grants Funding as a percentage of all research grant funding



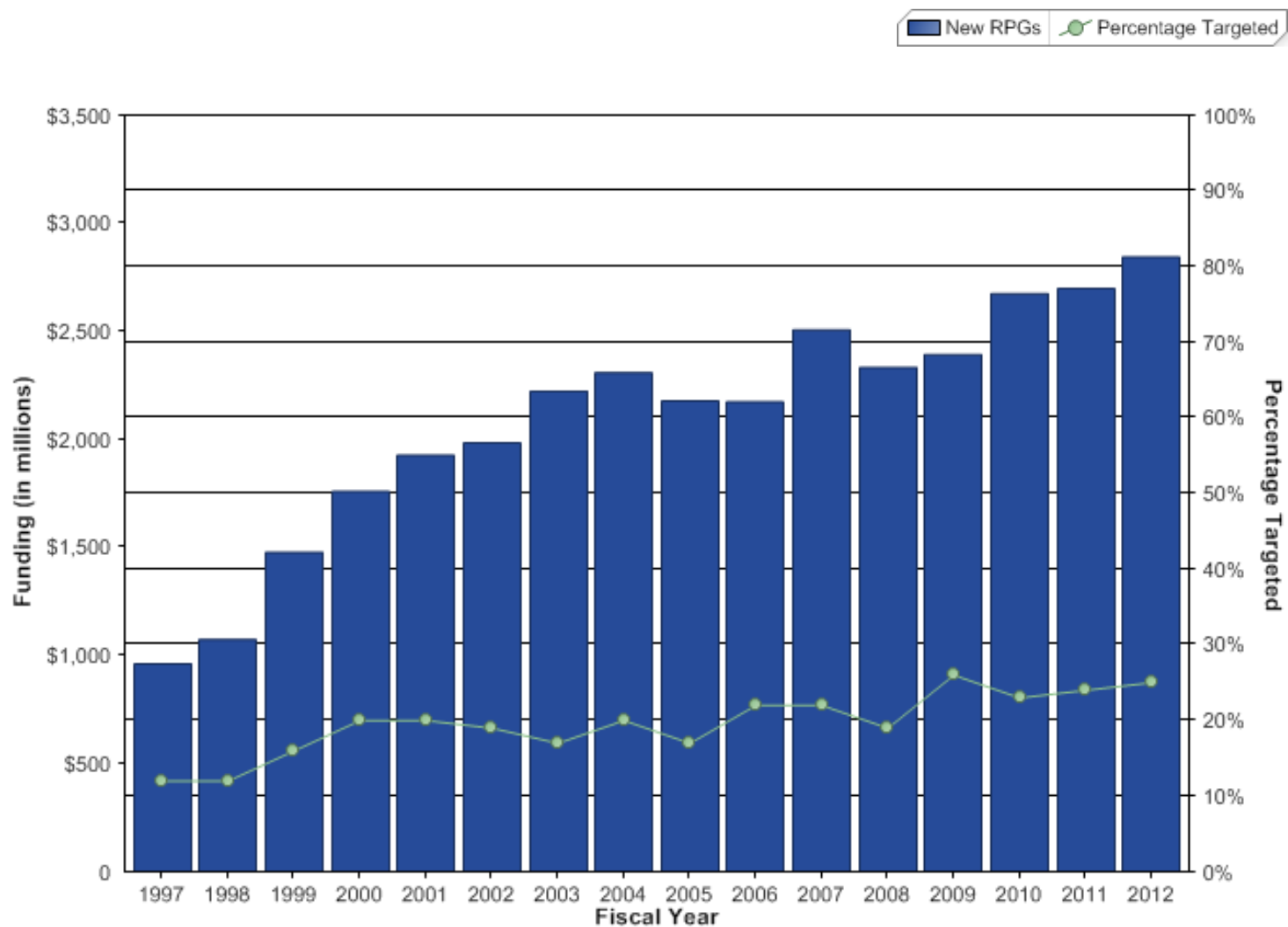
Research Project Grants

New (type 1) awards and percentage to targeted research



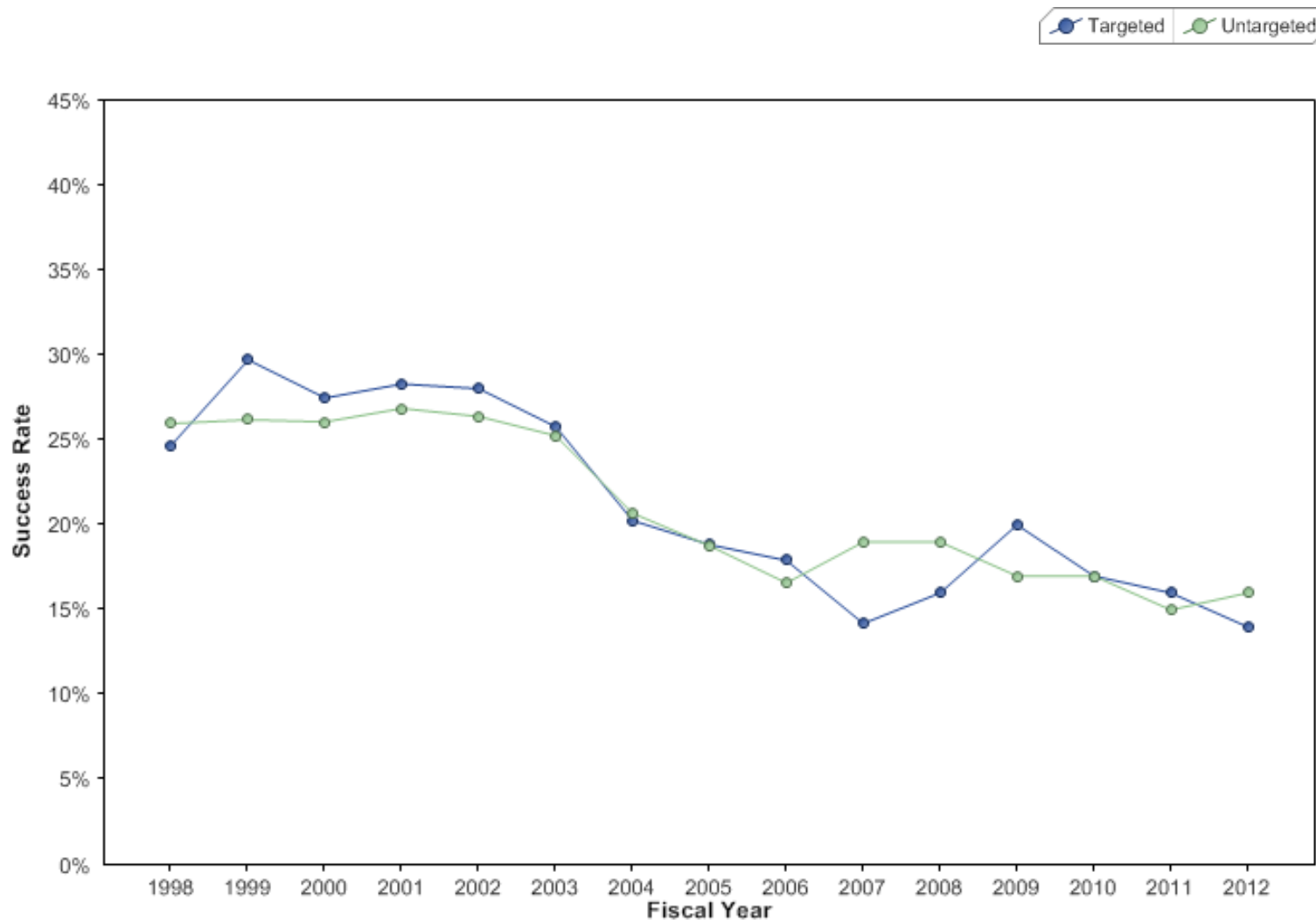
Research Project Grants

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

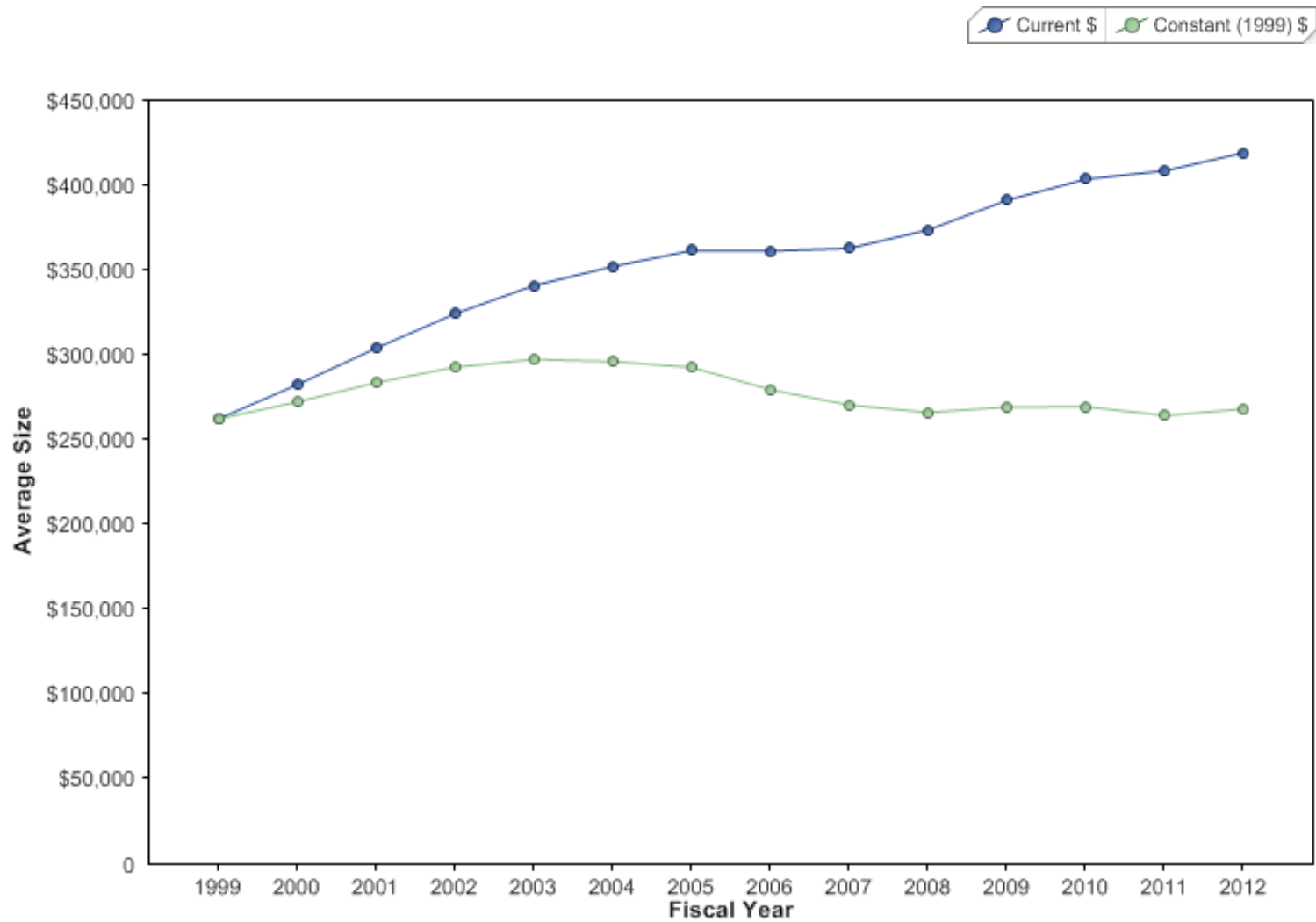


Research Project Grants

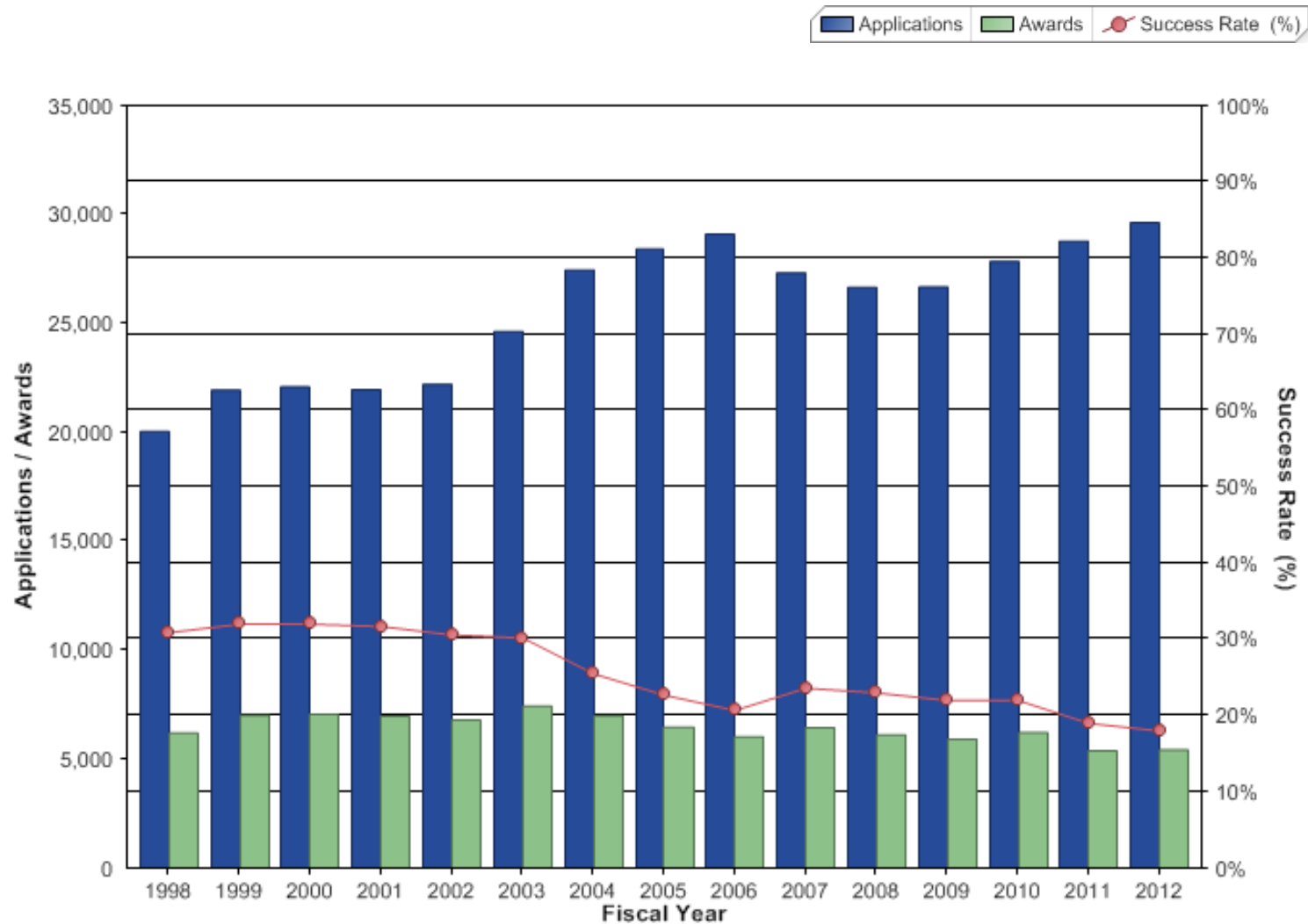
Success rates of new (type 1) applications for targeted and untargeted research



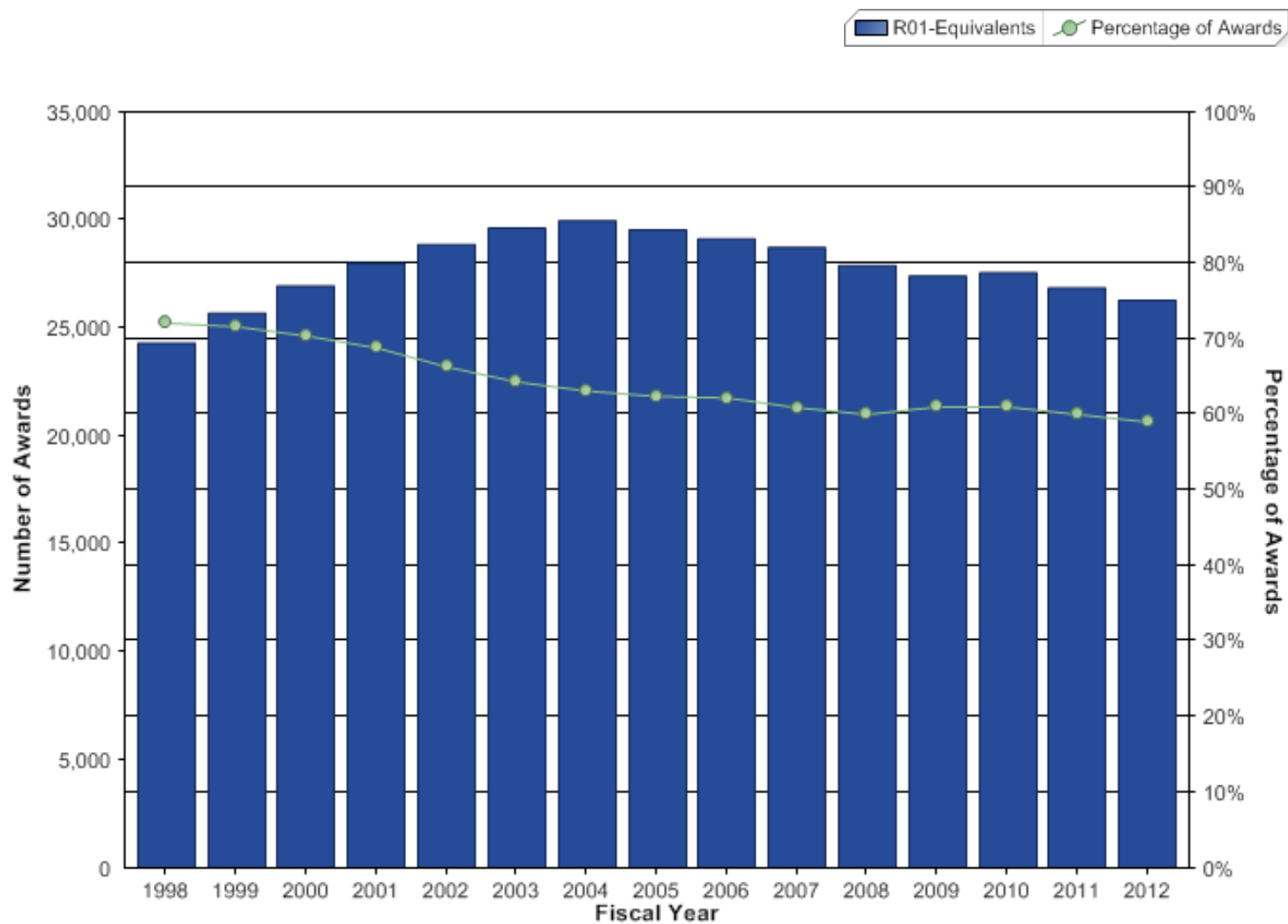
R01-Equivalent grants Average size



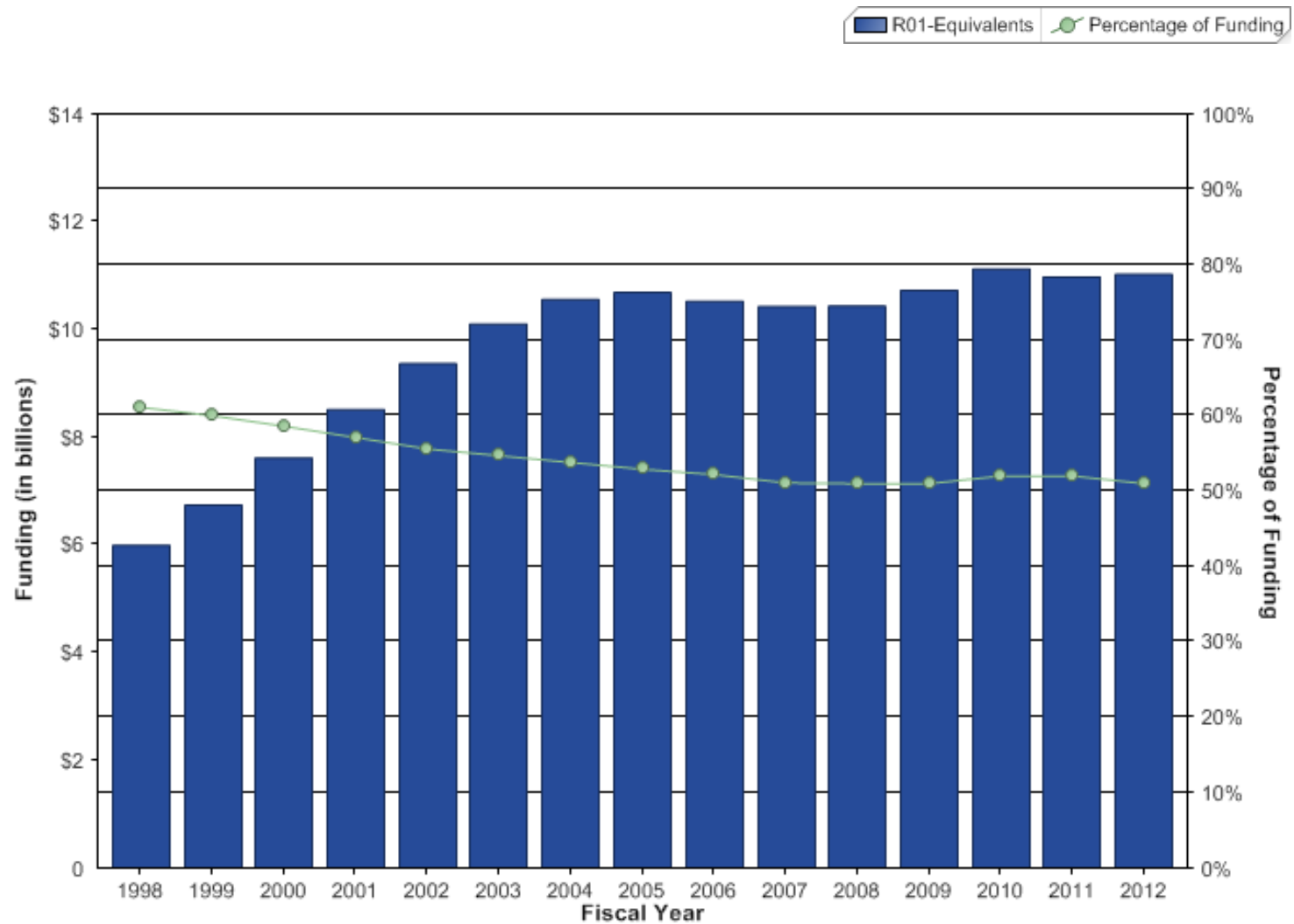
R01-Equivalent grants Applications, awards, and success rates



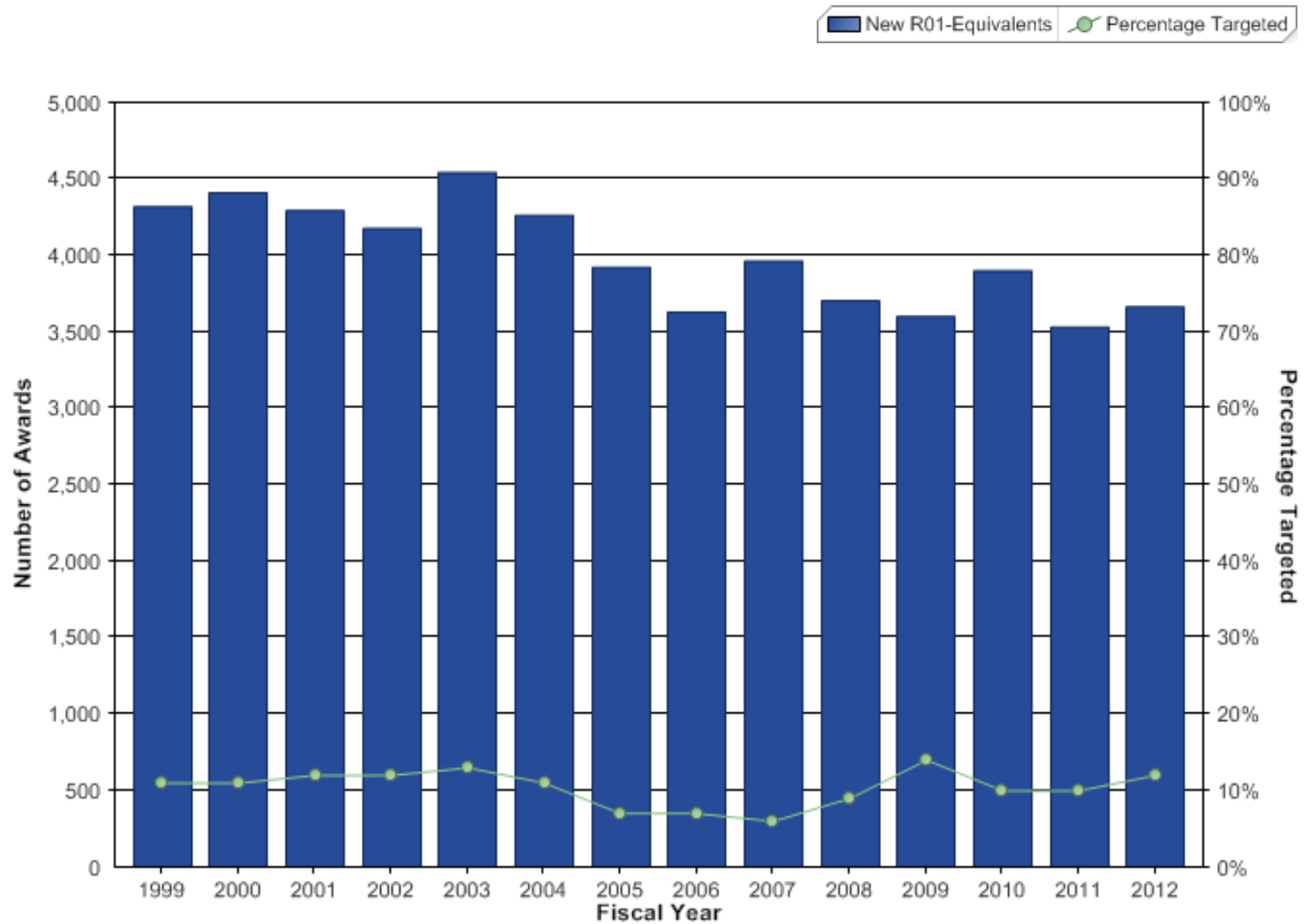
R01-Equivalent grants Awards as a percentage of all research grants



R01-Equivalent grants Funding as a percentage of all research grant funding

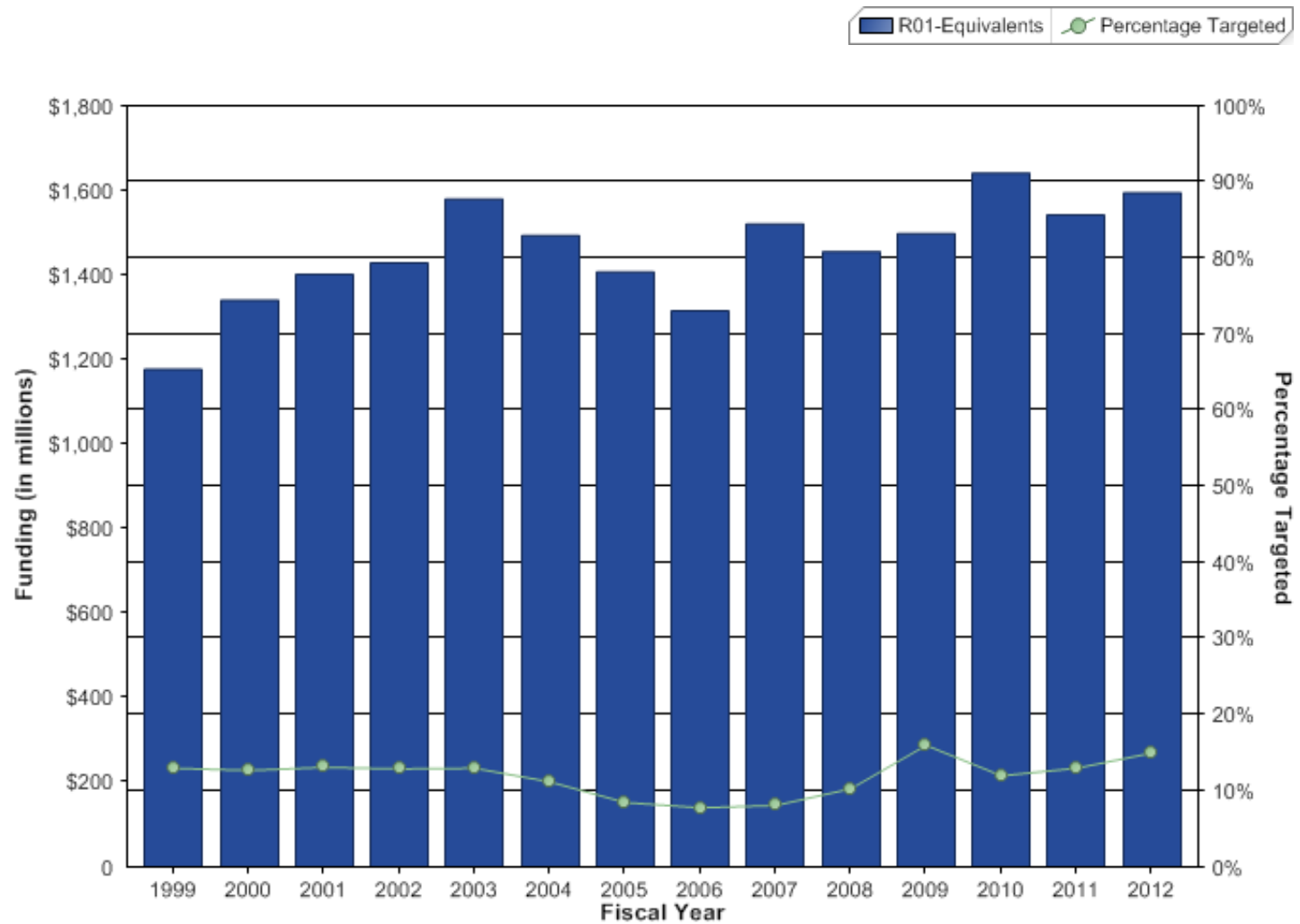


R01-Equivalent grants New (type 1) awards and percentage to targeted research

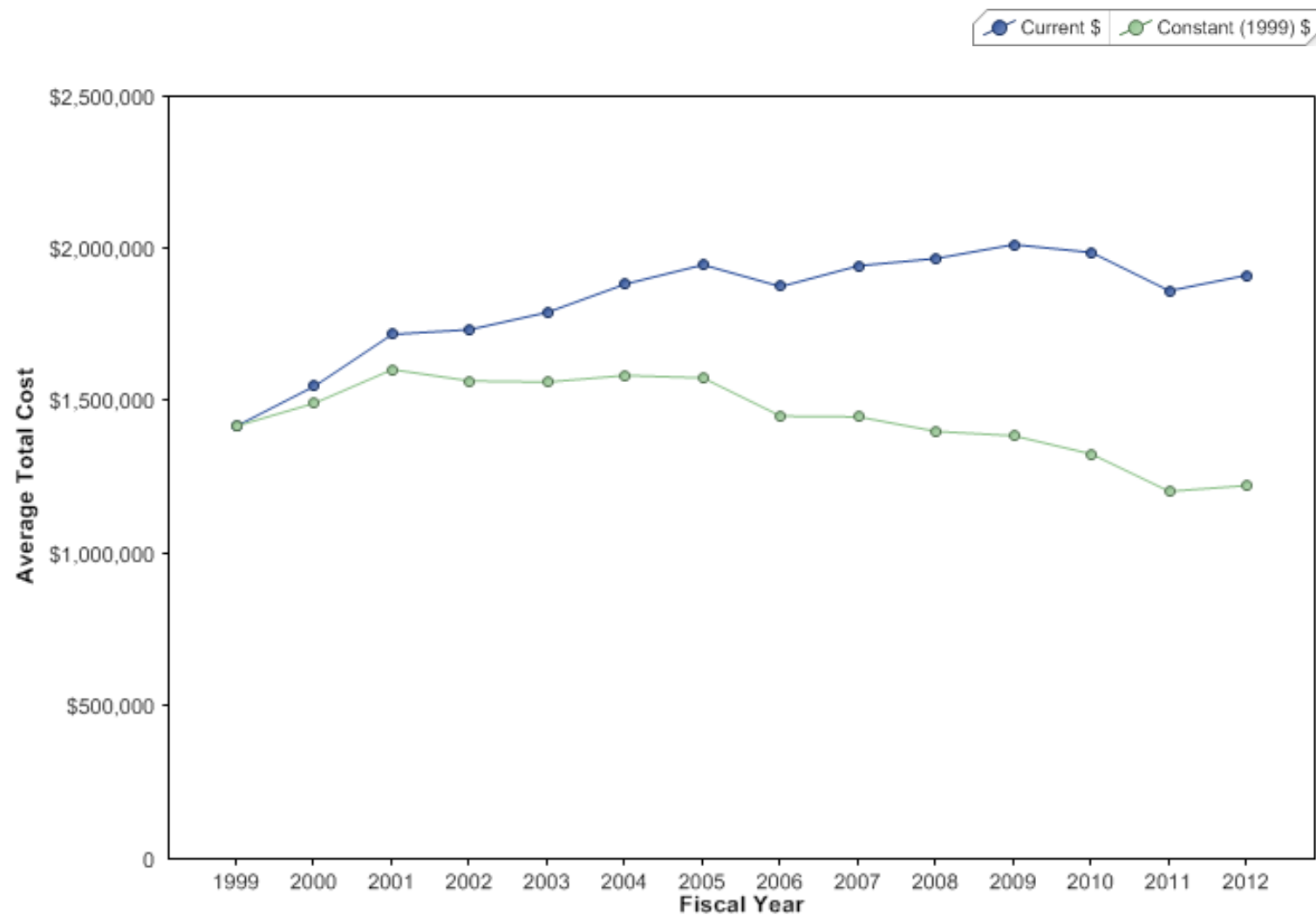


R01-Equivalent grants

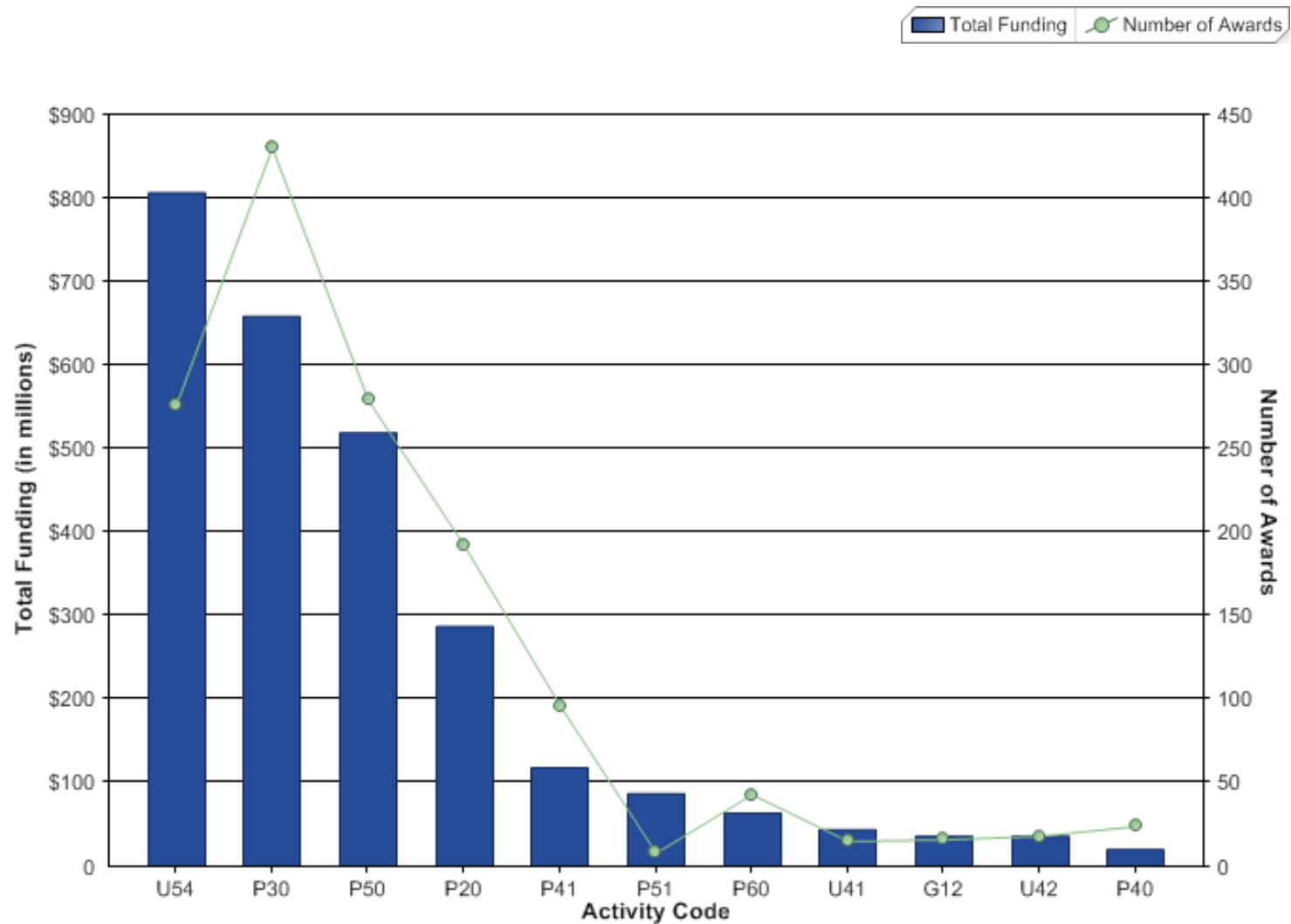
Funding for new (type 1) awards and percentage for targeted research



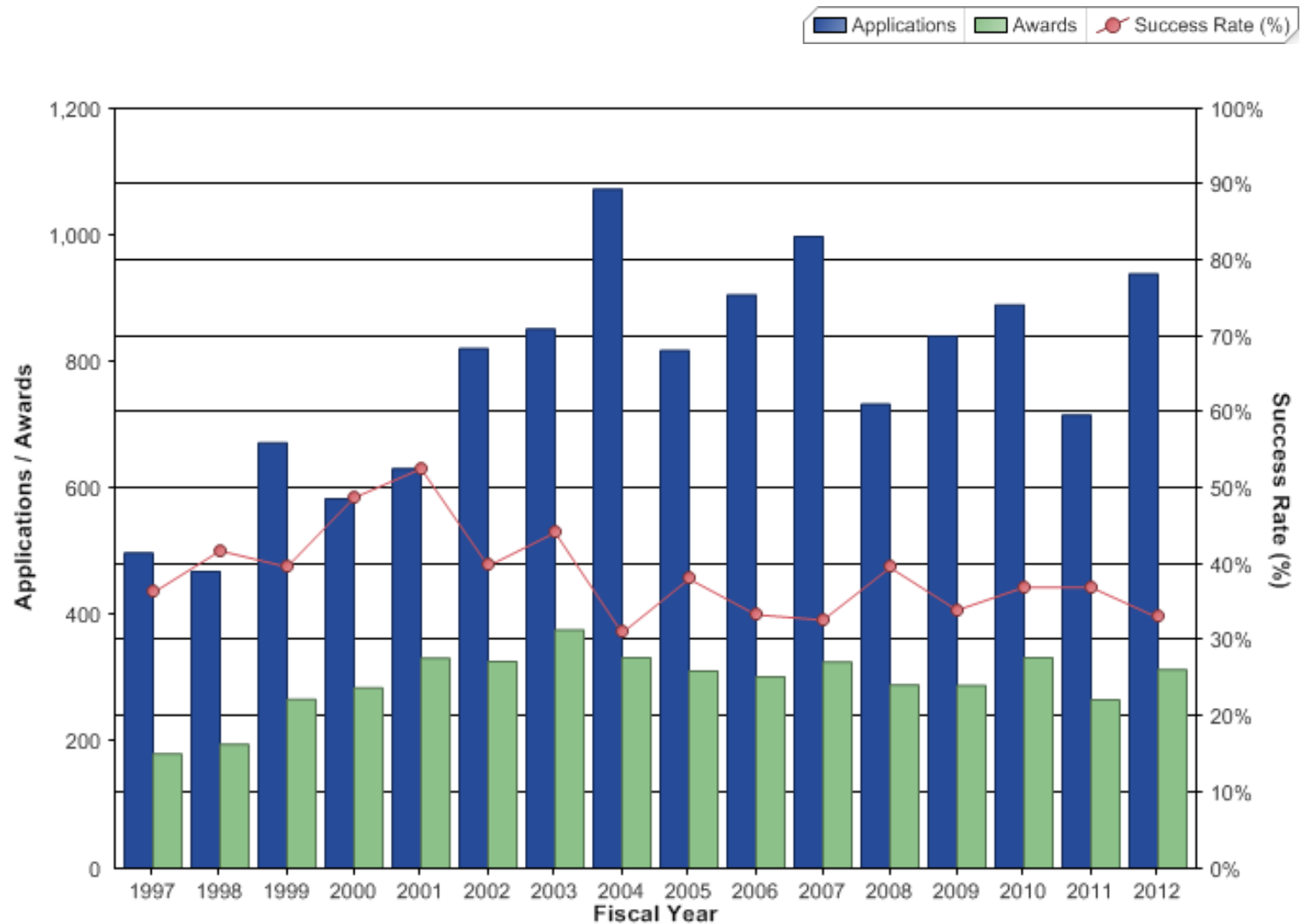
Research center grants Average size



Research center grants Funding and number of awards, by activity, FY 2012



Research center grants Applications, awards, and success rates





SMALL BUSINESS RESEARCH (SBIR/STTR)

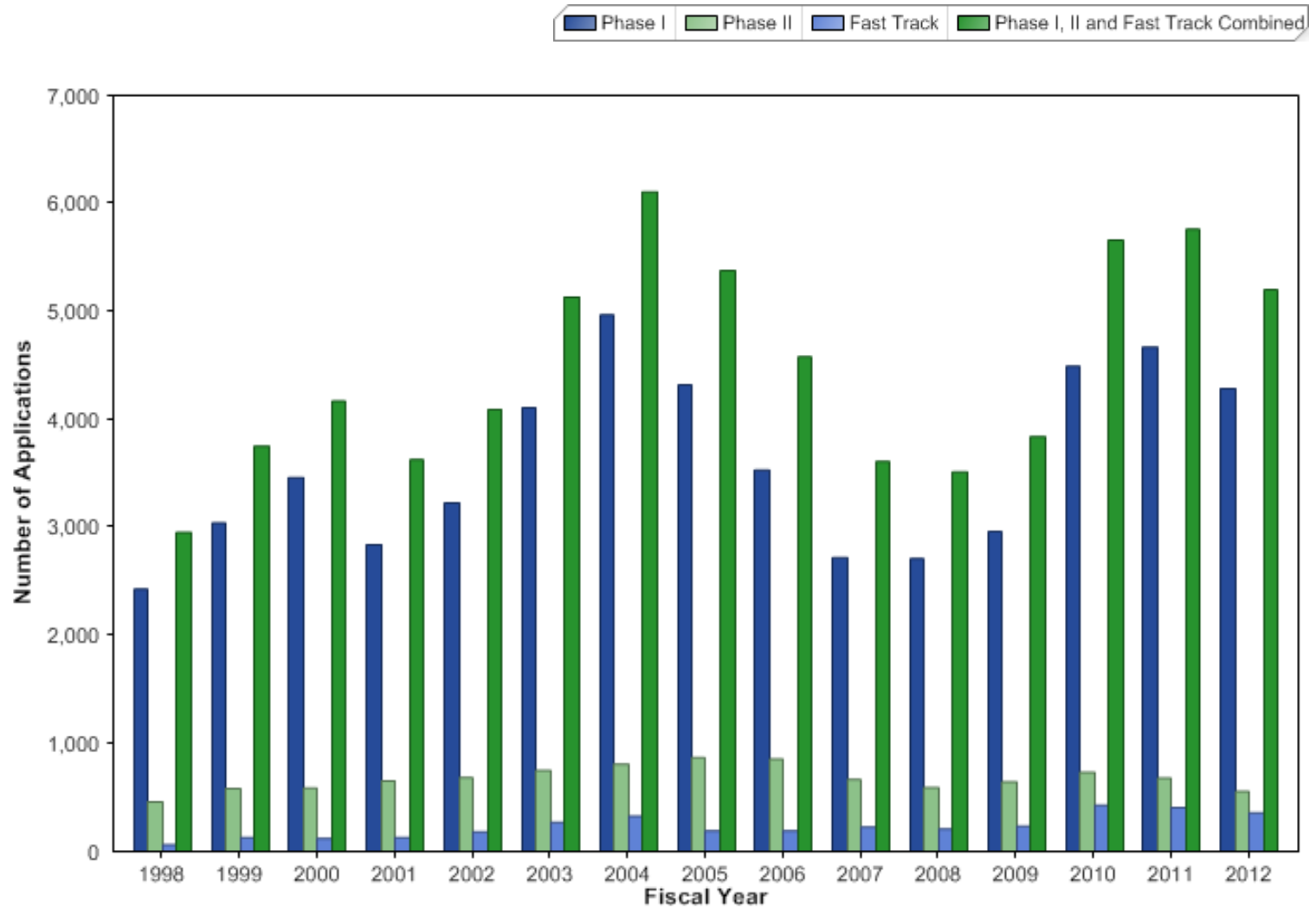
SBIR and STTR grants and contracts Funding by Institute / Center

(\$ Thousands)

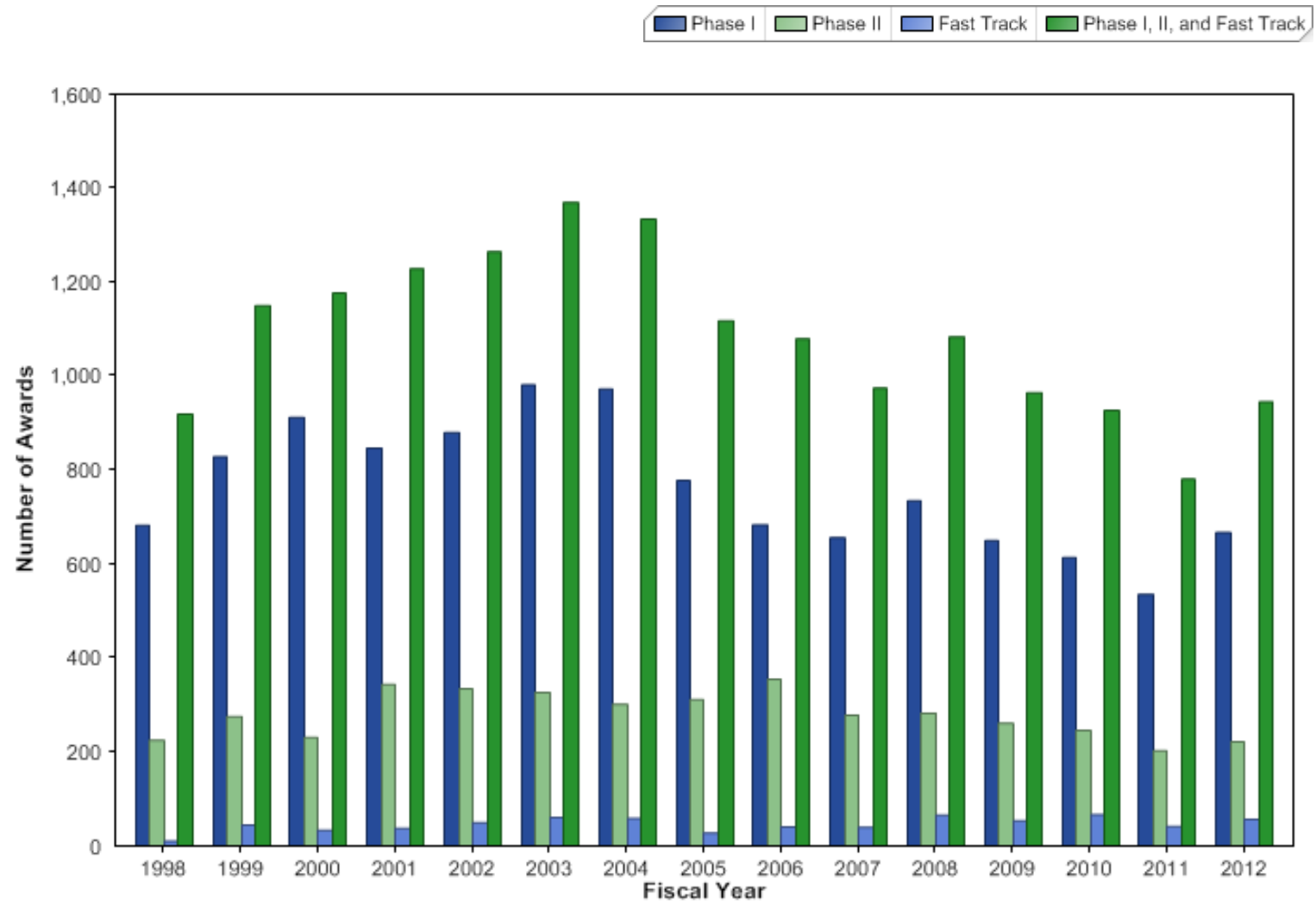
Institute / Center	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
NCCAM			\$195	\$1,889	\$2,540	\$2,448	\$2,543	\$2,688	\$2,772	\$2,716	\$2,772	\$2,744	\$3,251	\$2,914	\$3,019
NCI	\$47,952	\$51,307	\$59,186	\$67,496	\$77,930	\$89,066	\$93,439	\$102,900	\$104,496	\$104,216	\$106,064	\$105,196	\$108,619	\$110,689	\$110,157
NCRR	\$9,439	\$10,428	\$12,479	\$14,363	\$18,365	\$21,889	\$24,645	\$27,132	\$27,804	\$28,420	\$28,980	\$30,268	\$32,508	\$33,560	\$33,338
NEI	\$7,552	\$8,571	\$9,142	\$10,549	\$12,096	\$13,519	\$15,225	\$16,062	\$16,301	\$16,339	\$19,018	\$16,268	\$17,544	\$17,336	\$17,098
NHGRI	\$3,671	\$4,319	\$5,431	\$6,970	\$8,030	\$8,851	\$9,487	\$10,248	\$10,304	\$10,248	\$10,472	\$10,353	\$11,078	\$10,983	\$10,732
NHLBI	\$32,830	\$35,478	\$41,808	\$48,162	\$55,447	\$61,262	\$66,351	\$72,062	\$75,025	\$72,937	\$74,789	\$78,385	\$78,743	\$78,438	\$77,432
NIA	\$10,941	\$11,731	\$13,485	\$15,503	\$18,100	\$20,220	\$22,525	\$24,584	\$25,172	\$25,032	\$25,424	\$25,228	\$26,105	\$26,896	\$26,497
NIAAA	\$4,620	\$4,970	\$5,742	\$6,477	\$7,493	\$8,507	\$9,169	\$9,996	\$10,136	\$10,080	\$10,248	\$10,136	\$10,479	\$10,780	\$10,618
NIAID	\$27,503	\$29,664	\$35,521	\$40,117	\$45,747	\$60,095	\$69,314	\$97,354	\$102,153	\$99,585	\$110,581	\$101,542	\$105,015	\$107,067	\$108,291
NIAMS	\$5,825	\$6,253	\$6,983	\$7,924	\$9,063	\$9,938	\$10,781	\$11,760	\$11,956	\$11,900	\$12,096	\$12,012	\$12,400	\$12,759	\$12,591
NIBIB						\$9,387	\$11,246	\$9,122	\$8,930	\$7,892	\$7,560	\$7,616	\$7,745	\$7,981	\$7,839
NICHD	\$13,678	\$14,756	\$16,805	\$18,810	\$21,564	\$24,492	\$26,334	\$28,576	\$28,927	\$28,985	\$29,090	\$28,728	\$29,721	\$30,462	\$30,094
NIDA	\$10,889	\$12,198	\$13,973	\$15,741	\$18,153	\$20,429	\$22,093	\$23,828	\$24,108	\$23,884	\$24,164	\$24,080	\$24,880	\$19,066	\$25,284
NIDCD	\$4,306	\$4,623	\$5,389	\$6,103	\$6,890	\$7,689	\$8,351	\$9,125	\$9,317	\$9,737	\$10,117	\$9,648	\$9,811	\$9,987	\$9,963
NIDCR	\$4,076	\$4,271	\$4,205	\$5,221	\$6,119	\$6,751	\$7,671	\$8,297	\$8,394	\$8,594	\$8,535	\$8,401	\$8,734	\$8,938	\$8,937
NIDDK	\$17,870	\$19,275	\$22,021	\$25,537	\$29,957	\$35,070	\$39,128	\$44,047	\$44,940	\$44,821	\$45,444	\$45,504	\$46,703	\$48,704	\$47,257
NIEHS	\$5,559	\$5,986	\$6,930	\$8,056	\$9,509	\$12,378	\$13,882	\$14,683	\$14,925	\$14,532	\$14,913	\$14,711	\$15,365	\$15,821	\$15,323
NIGMS	\$21,988	\$23,660	\$26,371	\$29,804	\$34,477	\$38,213	\$40,943	\$44,576	\$45,556	\$45,472	\$46,583	\$45,920	\$48,469	\$48,935	\$48,280
NIMH	\$14,350	\$15,419	\$17,927	\$20,644	\$24,168	\$26,845	\$28,859	\$31,388	\$32,088	\$31,836	\$32,340	\$32,312	\$33,489	\$34,578	\$34,309
NIMHD					\$0	\$4,071	\$4,753	\$5,292	\$5,373	\$5,208	\$5,419	\$5,747	\$5,521	\$5,673	\$5,615
NINDS	\$16,138	\$17,467	\$20,388	\$23,585	\$27,401	\$31,700	\$33,311	\$36,456	\$37,240	\$37,100	\$37,744	\$37,828	\$39,163	\$40,205	\$39,640
NINR	\$1,358	\$1,461	\$1,589	\$2,051	\$2,403	\$2,715	\$2,968	\$3,220	\$3,304	\$3,304	\$3,304	\$3,276	\$3,400	\$3,481	\$3,310
NLM											\$1,116	\$979	\$806	\$832	\$822



SBIR grants Competing applications, by phase

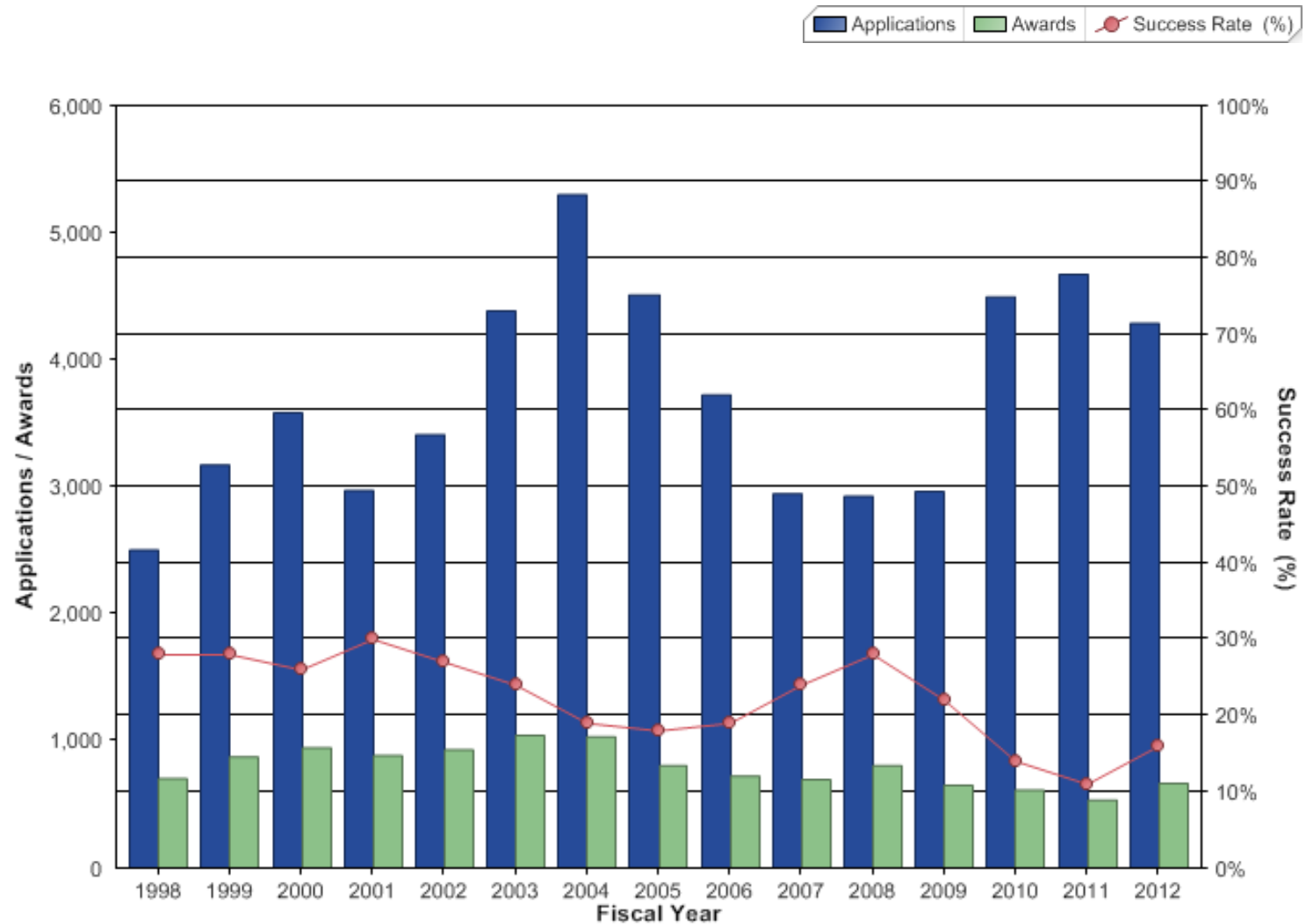


SBIR grants Competing awards, by phase



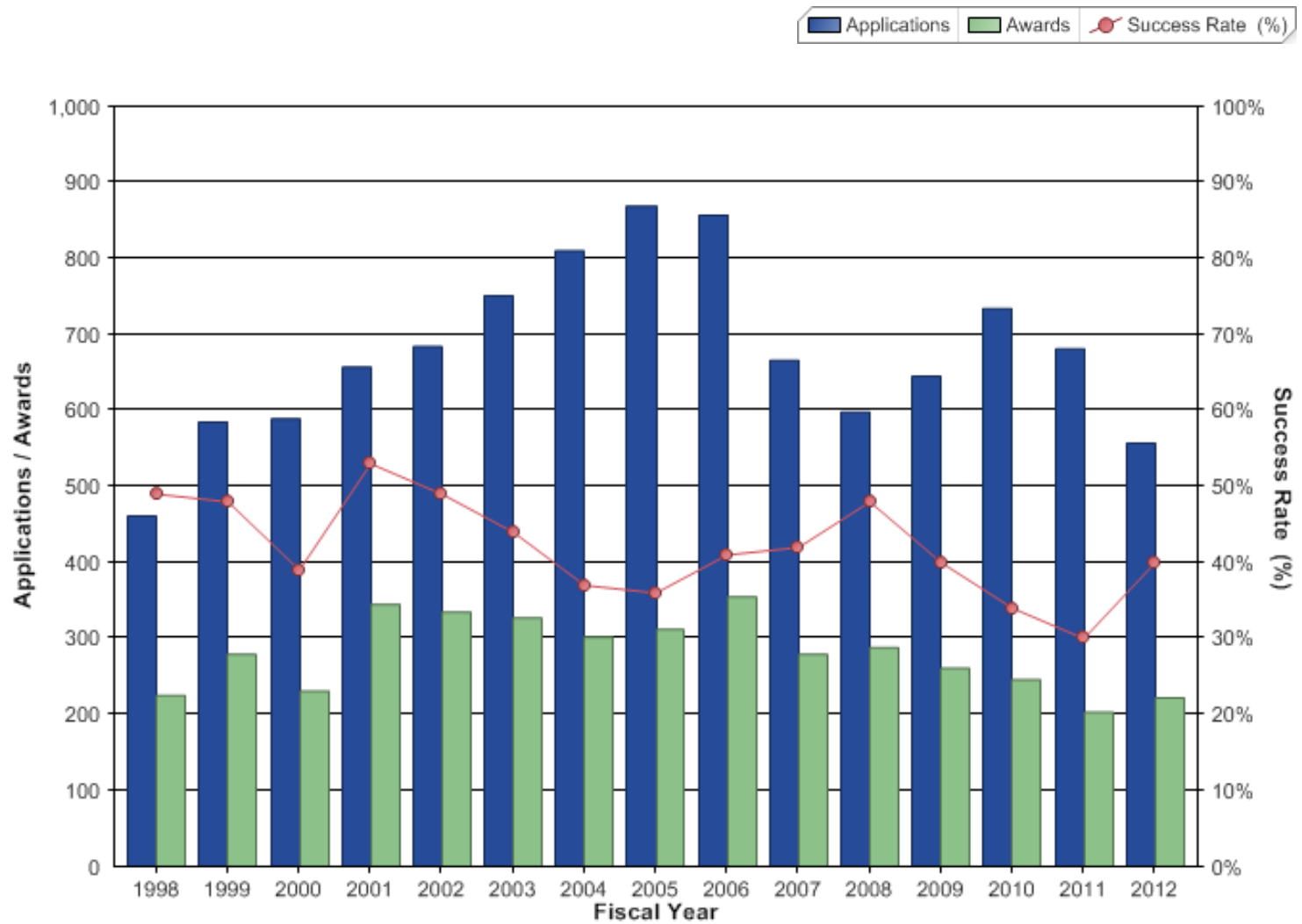
SBIR grants, Phase I

Applications, awards and success rates

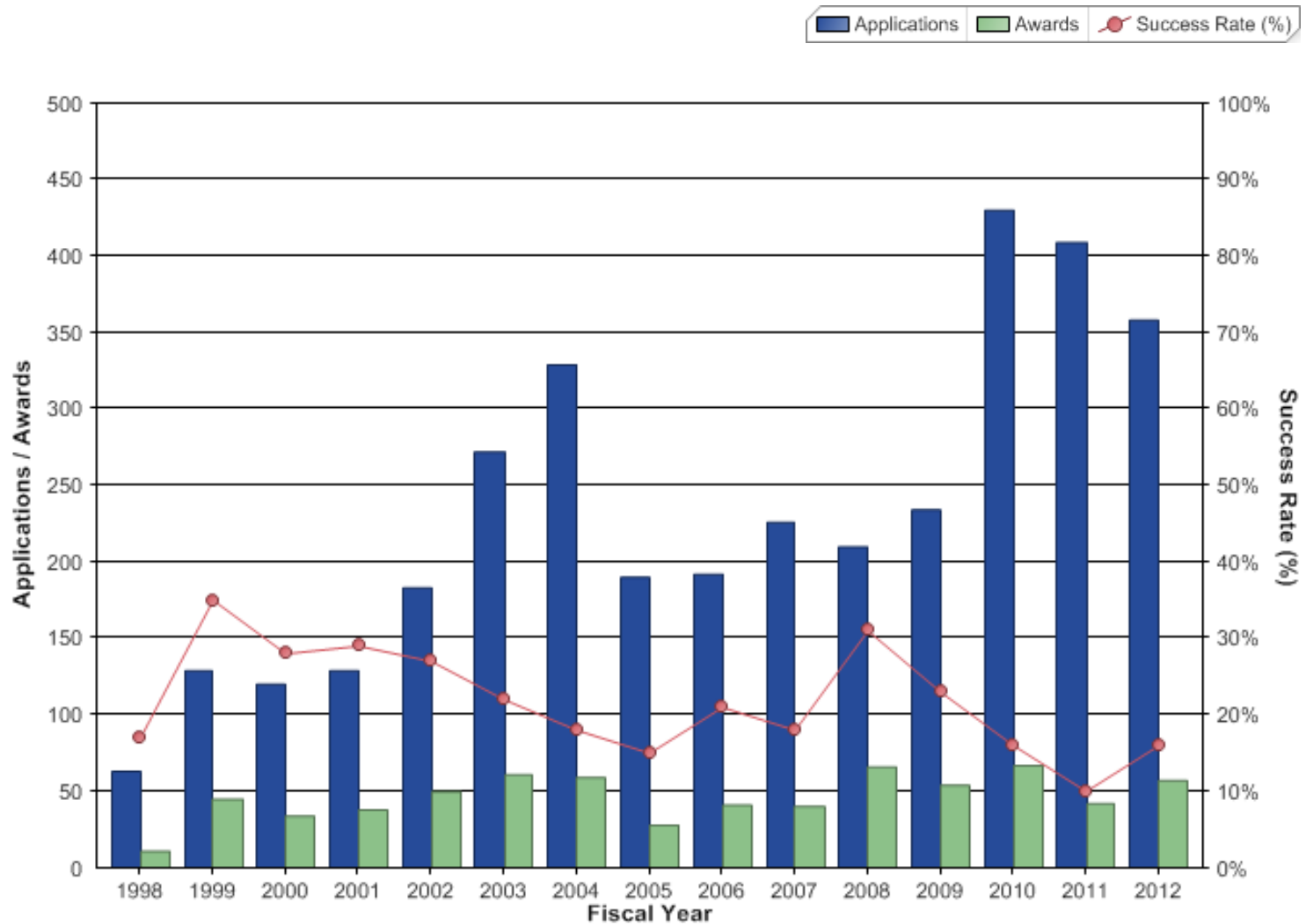


SBIR grants, Phase II

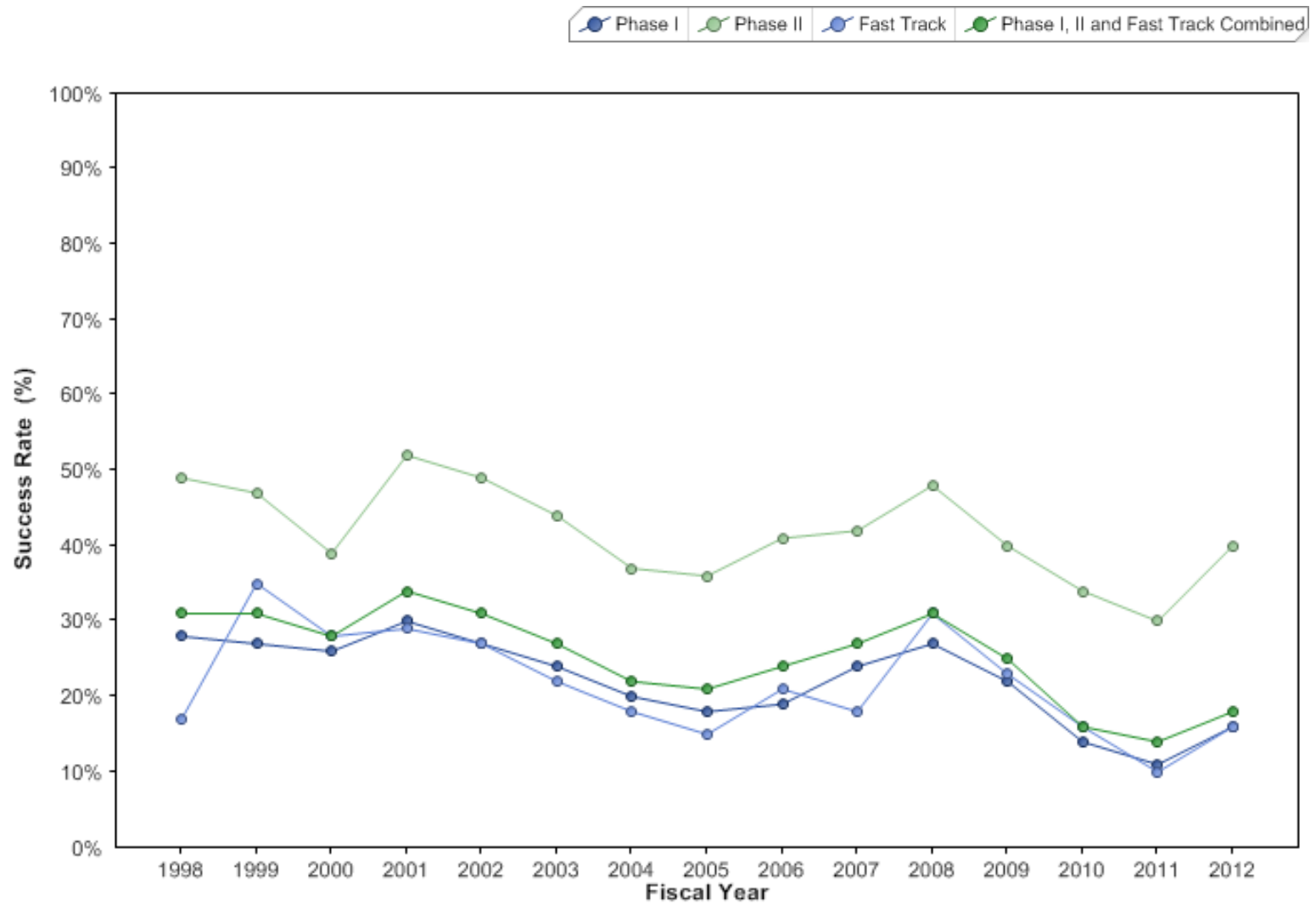
Applications, awards and success rates



Fast Track SBIR grants Applications, awards and success rates



SBIR grants Success rates by phase

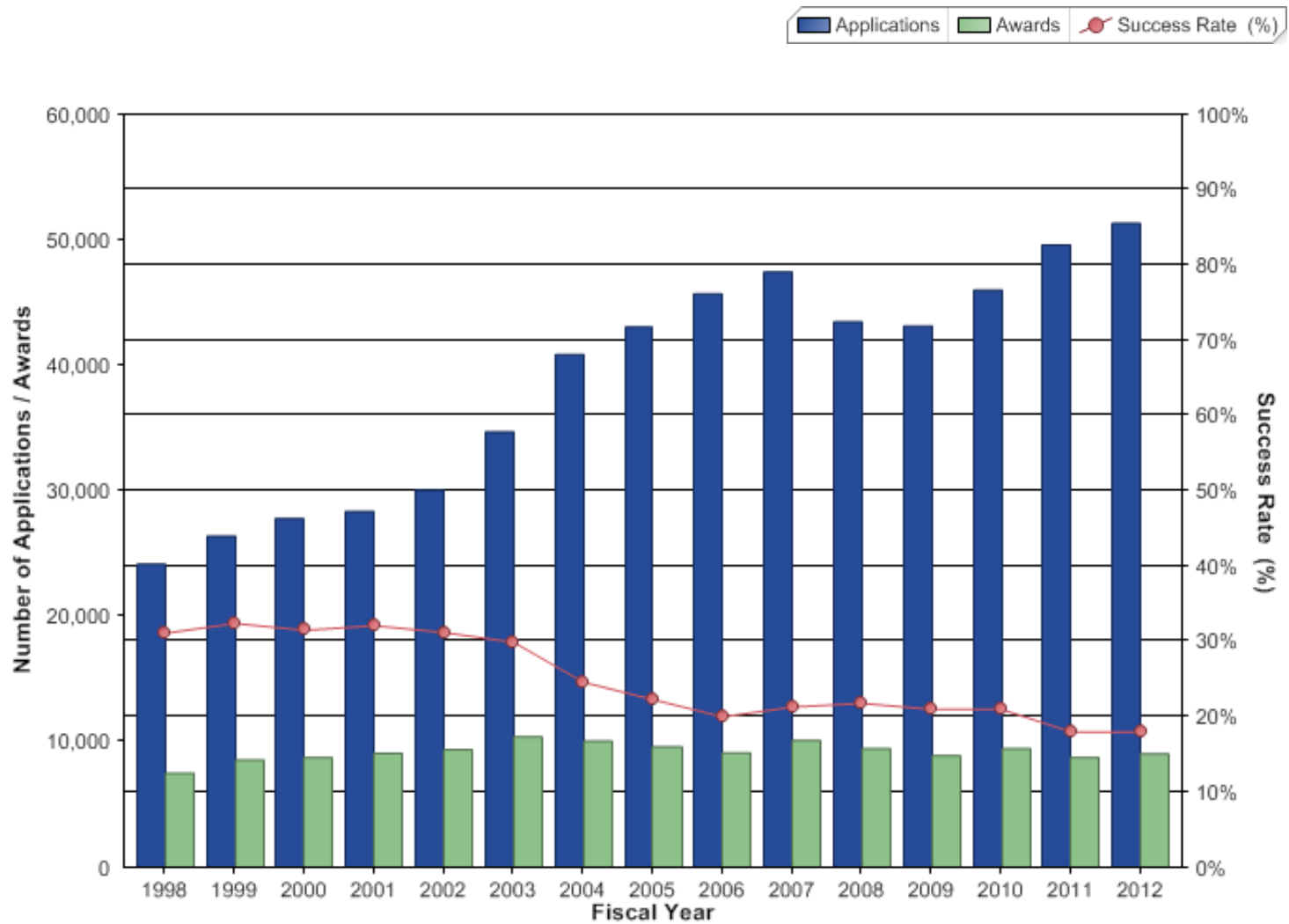




SUCCESS RATES AND FUNDING RATES

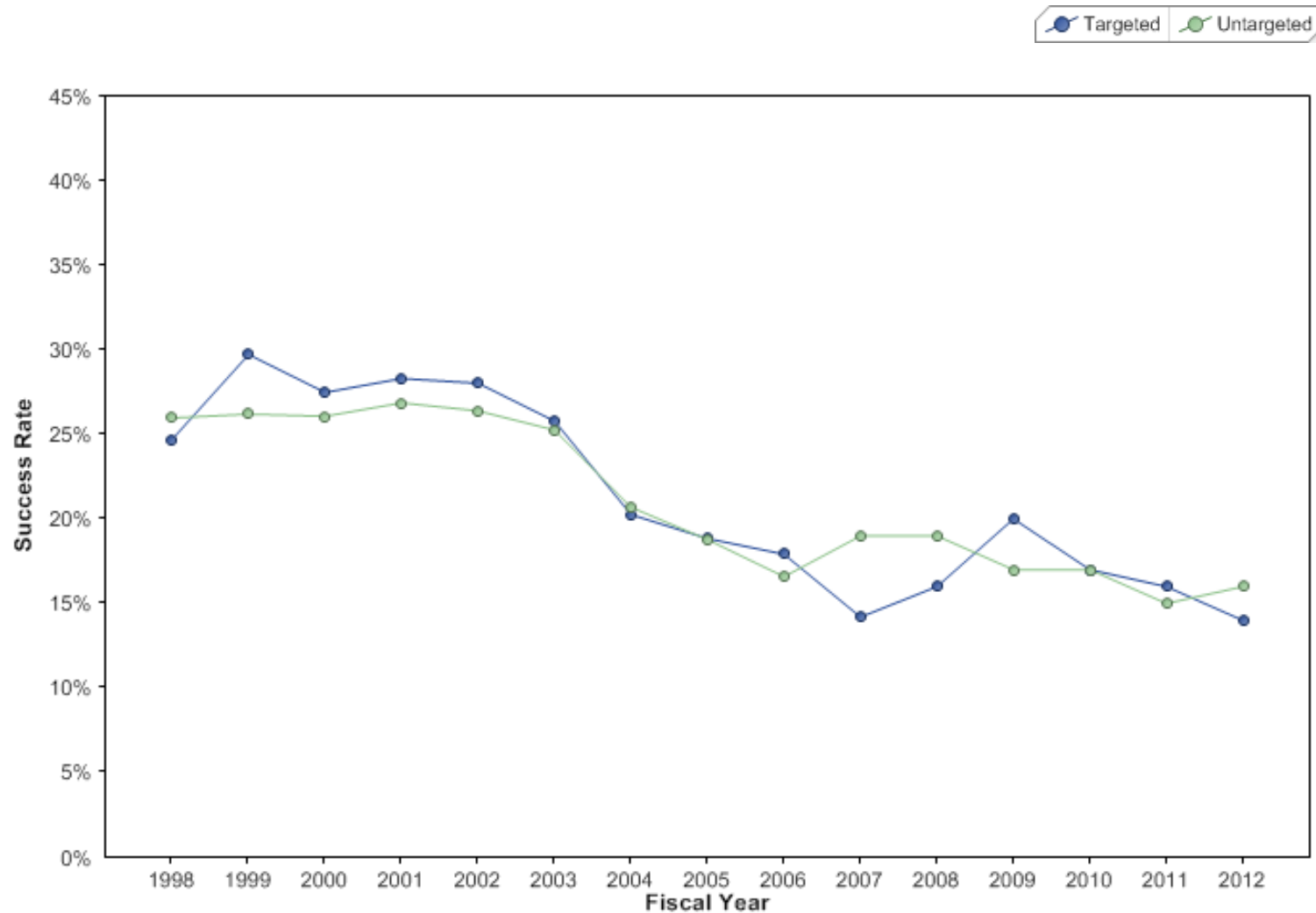
Research Project Grants

Competing Applications, awards, and success rates



Research Project Grants

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

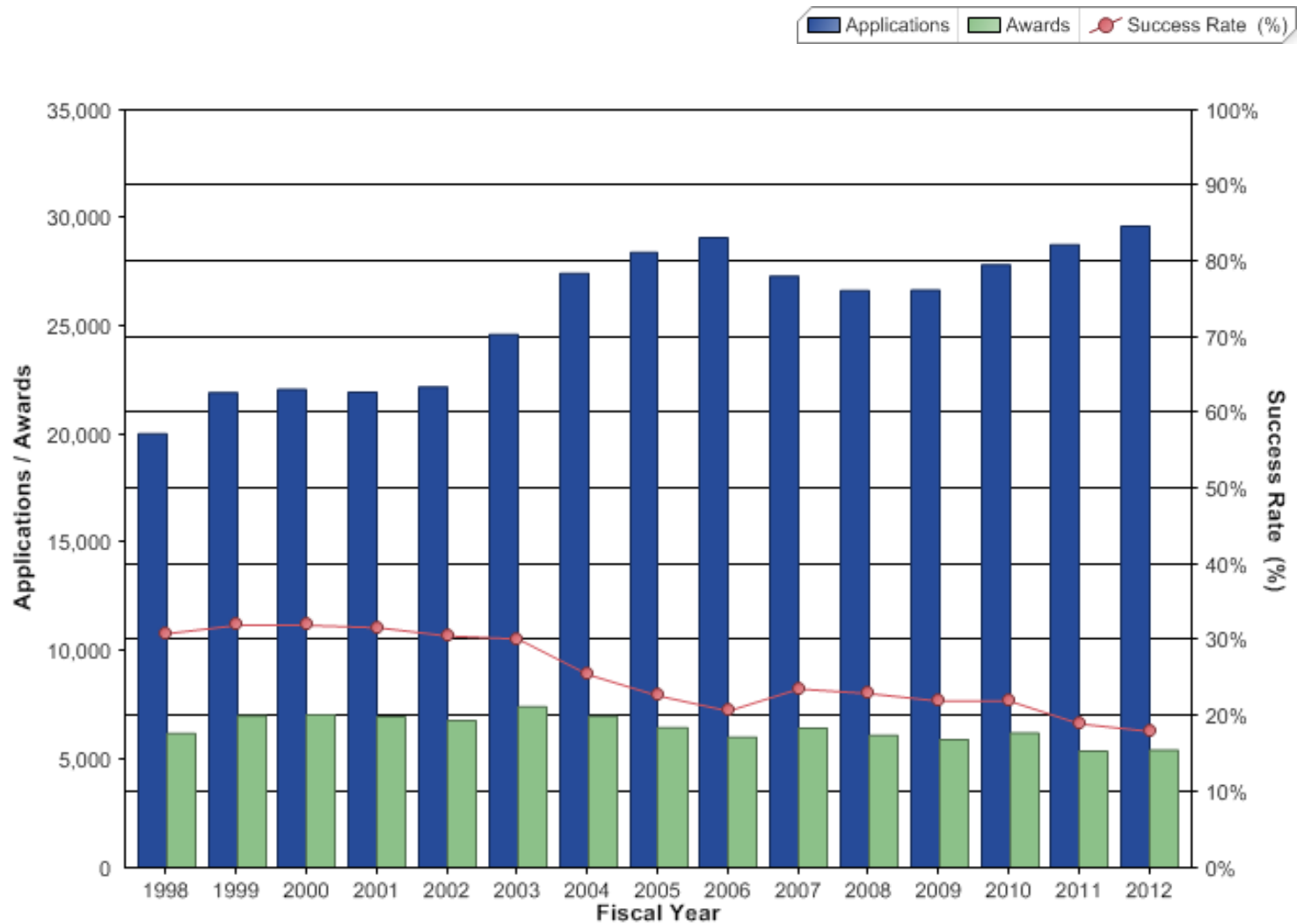


Research And Training Grants: Success Rates By Mechanism and Selected Activity Codes

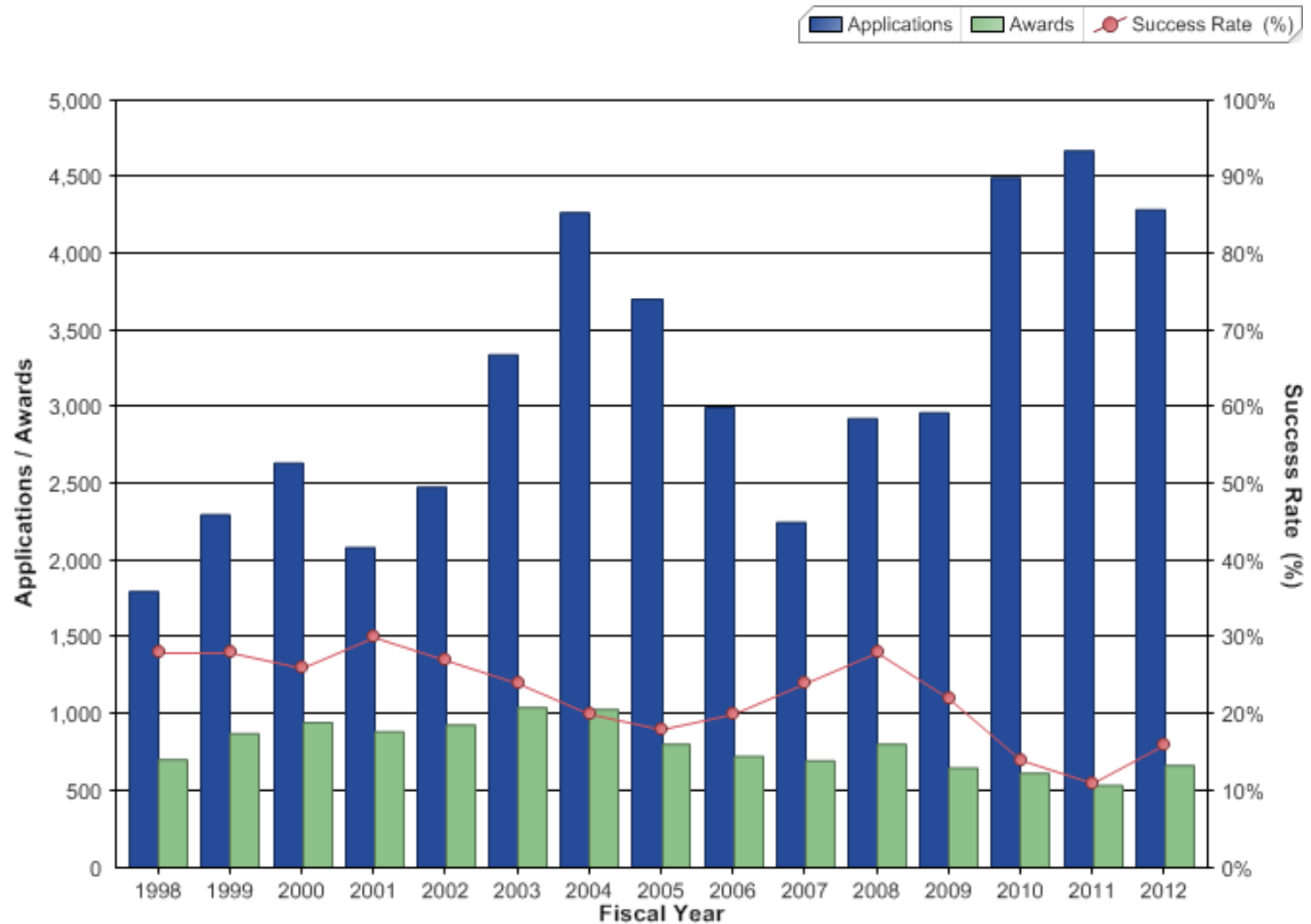
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All Research Grants	33%	33%	34%	33%	34%	33%	32%	26%	24%	22%	24%	25%	23%	22%	19%	19%
Research Projects Grants	31%	31%	32%	32%	32%	31%	30%	25%	22%	20%	21%	22%	21%	21%	18%	18%
R01	30%	31%	32%	31%	31%	30%	30%	25%	22%	20%	23%	23%	22%	22%	18%	18%
R15	5%	9%	4%	7%	15%	37%	42%	31%	30%	25%	25%	28%	22%	19%	15%	15%
R21	44%	26%	32%	24%	30%	28%	24%	21%	18%	15%	16%	16%	14%	15%	13%	14%
All Other RPGs	34%	34%	40%	40%	40%	41%	36%	27%	29%	25%	21%	26%	27%	25%	25%	23%
SBIR	33%	31%	31%	28%	34%	31%	27%	22%	21%	24%	27%	31%	25%	16%	14%	18%
Phase 1	29%	28%	27%	26%	30%	27%	24%	20%	18%	19%	24%	27%	22%	14%	11%	16%
Phase 2	52%	49%	48%	39%	53%	49%	44%	37%	36%	41%	42%	48%	40%	34%	30%	40%
Fast track	32%	17%	35%	28%	29%	27%	22%	18%	15%	21%	18%	32%	23%	16%	10%	16%
STTR	26%	28%	24%	28%	33%	37%	28%	38%	25%	21%	16%	19%	21%	22%	19%	23%
Phase 1	25%	27%	23%	26%	30%	33%	27%	37%	22%	20%	14%	16%	19%	20%	16%	20%
Phase 2	34%	35%	30%	42%	49%	63%	43%	49%	49%	26%	28%	39%	30%	35%	36%	39%
Fast track		0%	14%	22%	25%	0%	28%	38%	24%	25%	11%	10%	15%	23%	10%	34%
Research Centers	36%	42%	40%	49%	53%	40%	44%	31%	39%	34%	34%	40%	34%	37%	37%	33%
Research Career Awards	51%	50%	46%	43%	46%	46%	44%	36%	35%	31%	31%	35%	38%	36%	32%	32%
K01	35%	34%	39%	36%	43%	42%	43%	32%	31%	28%	32%	39%	36%	40%	34%	32%
K02	53%	57%	71%	54%	56%	46%	48%	47%	38%	35%	42%	38%	36%	29%	38%	26%
K07	49%	44%	43%	41%	36%	39%	36%	20%	22%	24%	26%	34%	39%	22%	25%	7%
K08	55%	58%	52%	50%	50%	52%	47%	40%	39%	34%	36%	44%	47%	44%	42%	42%
K12	100%	45%	36%	24%	43%	35%	46%	31%	28%	34%	45%	53%	52%	49%	32%	47%
K22		0%	9%	19%	38%	40%	33%	32%	29%	29%	27%	23%	26%	25%	30%	24%
K23		100%	42%	49%	46%	47%	42%	36%	34%	27%	33%	38%	44%	38%	34%	37%
K24			44%	45%	45%	44%	45%	42%	51%	44%	47%	50%	47%	61%	45%	46%
K25				42%	56%	52%	42%	30%	33%	31%	35%	48%	22%	30%	23%	25%
K99										100%	20%	23%	29%	25%	22%	23%
All Other Ks	66%	70%	54%	49%	51%	59%	56%	49%	60%	48%	49%	67%	66%	47%	47%	42%
All Other Research Grants	57%	49%	53%	51%	50%	52%	53%	44%	43%	40%	54%	56%	55%	27%	40%	38%
Training, Individual	40%	41%	45%	47%	49%	44%	39%	35%	31%	29%	30%	33%	32%	30%	29%	28%
F30	60%	61%	63%	71%	81%	69%	57%	49%	44%	40%	45%	46%	49%	40%	35%	37%
F31	46%	48%	51%	52%	58%	53%	43%	39%	31%	30%	34%	34%	36%	31%	34%	28%
F32	38%	39%	44%	45%	45%	39%	37%	33%	30%	27%	26%	30%	27%	28%	26%	26%
F33	35%	21%	35%	35%	44%	42%	53%	44%	36%	26%	52%	50%	50%	14%	17%	60%
All Other Fs	47%	59%	48%	54%	42%	33%	67%	21%	33%	15%	75%	0%	18%	0%	9%	25%
Training, Institutional	62%	64%	63%	66%	63%	58%	54%	48%	43%	44%	48%	50%	50%	54%	48%	48%
T32	64%	64%	64%	67%	62%	58%	53%	49%	42%	42%	49%	48%	50%	52%	47%	48%
T34	50%	53%	51%	47%	70%	54%	48%	50%	36%	33%	47%	31%	33%	50%	29%	48%
All Other Ts	39%	74%	65%	70%	73%	72%	66%	37%	60%	62%	34%	78%	63%	74%	65%	48%



R01-Equivalent grants Competing Applications, awards, and success rates

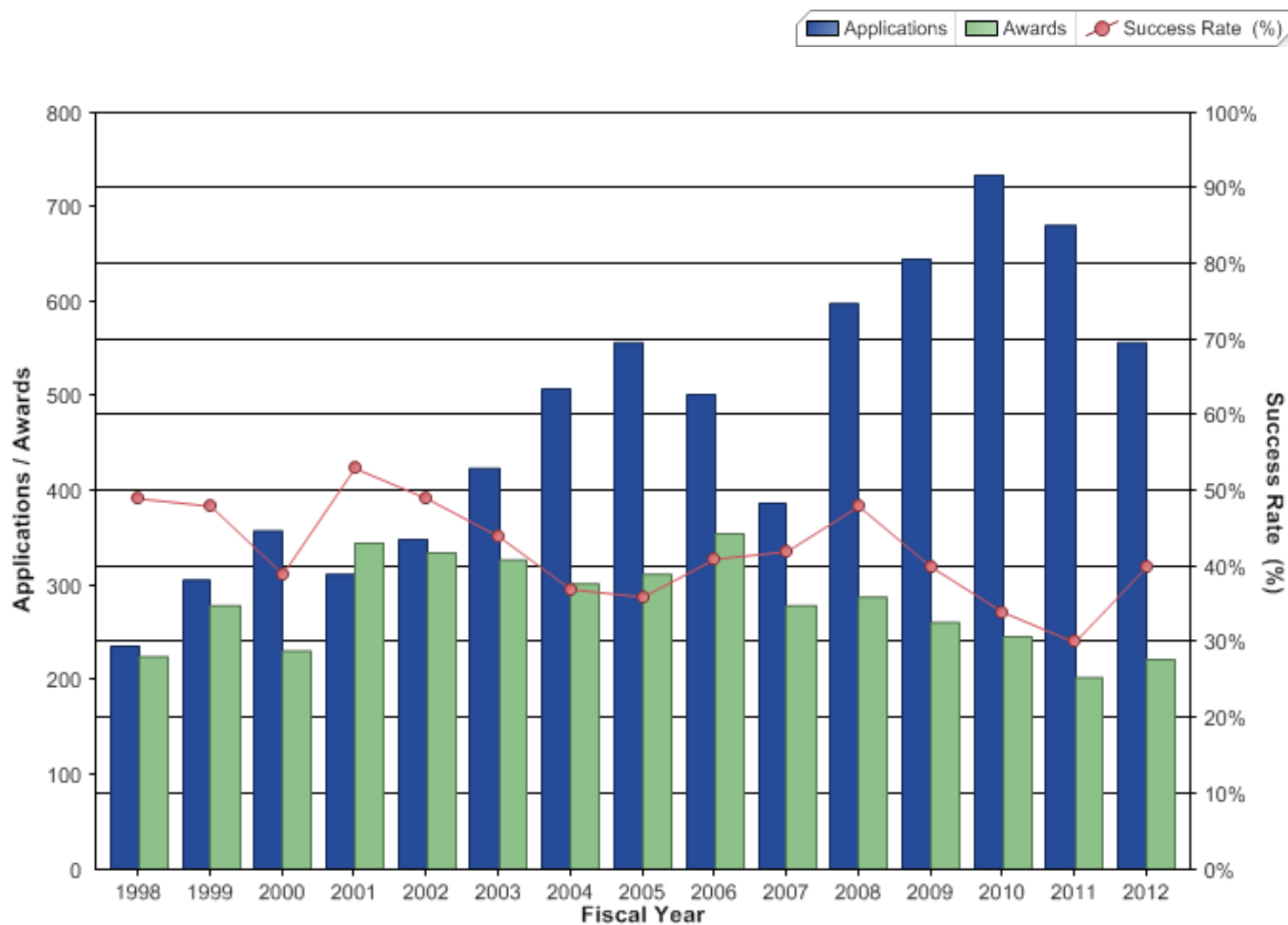


SBIR grants, Phase I Competing Applications, awards and success rates

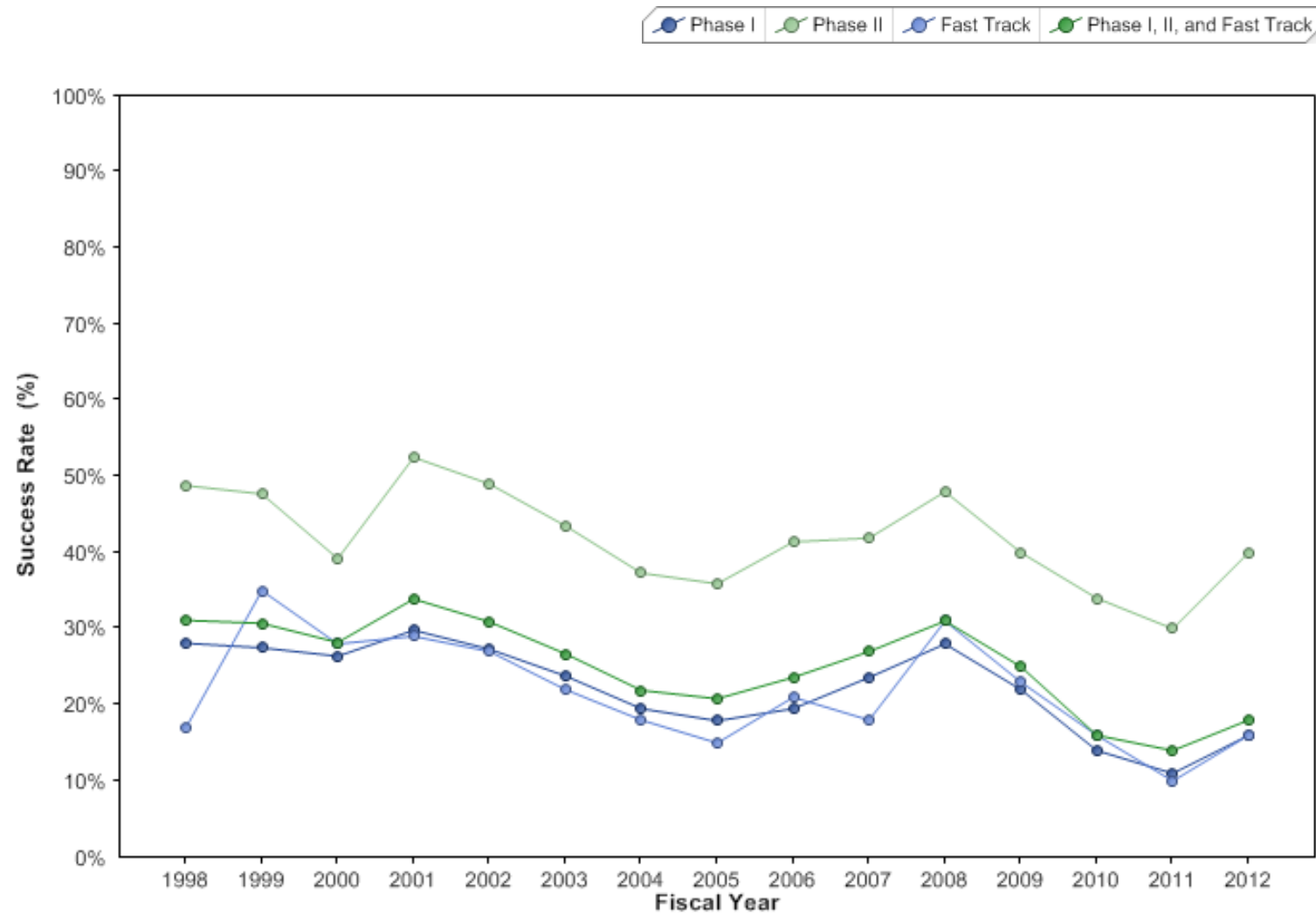


SBIR grants, Phase II

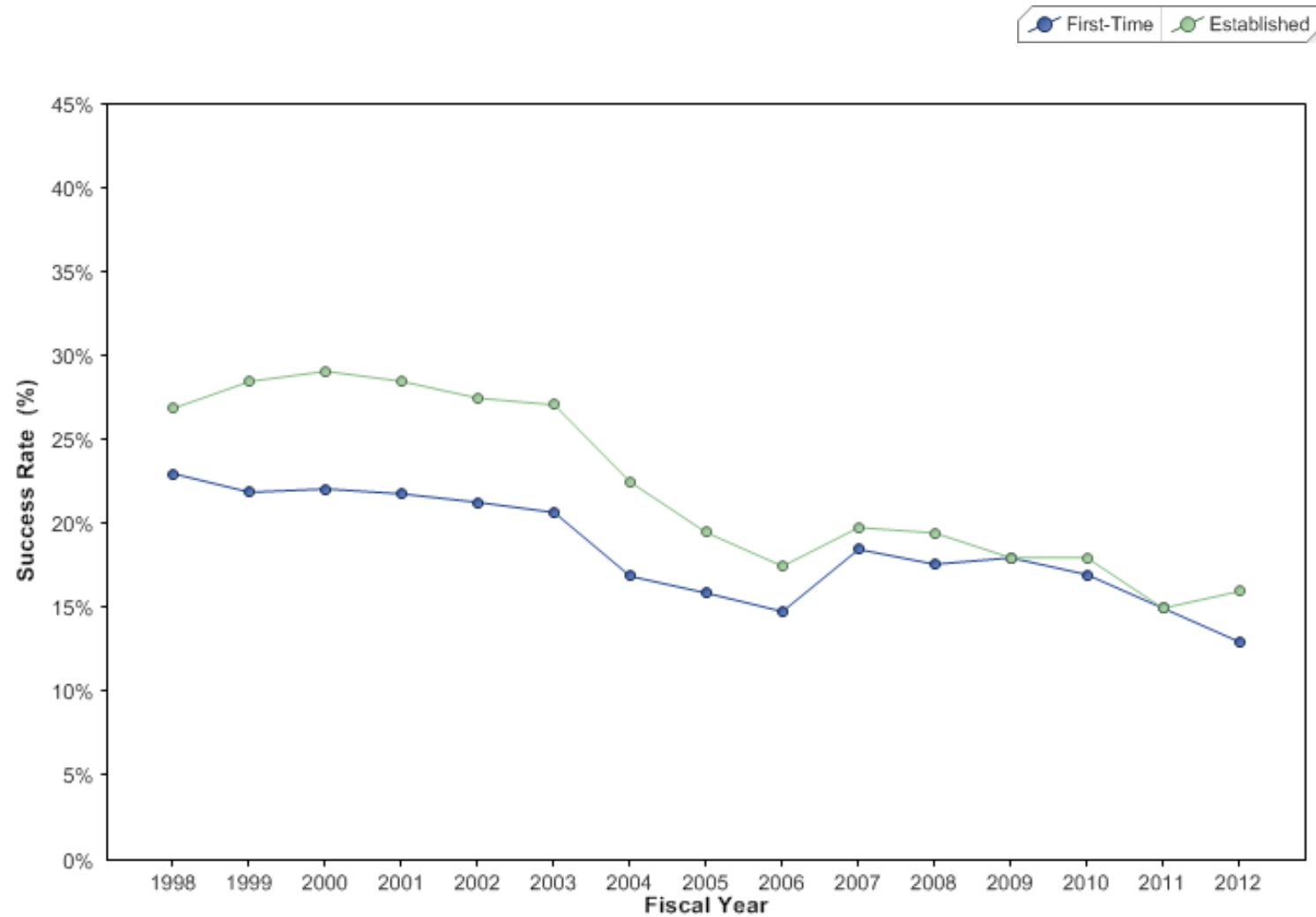
Competing Applications, awards and success rates



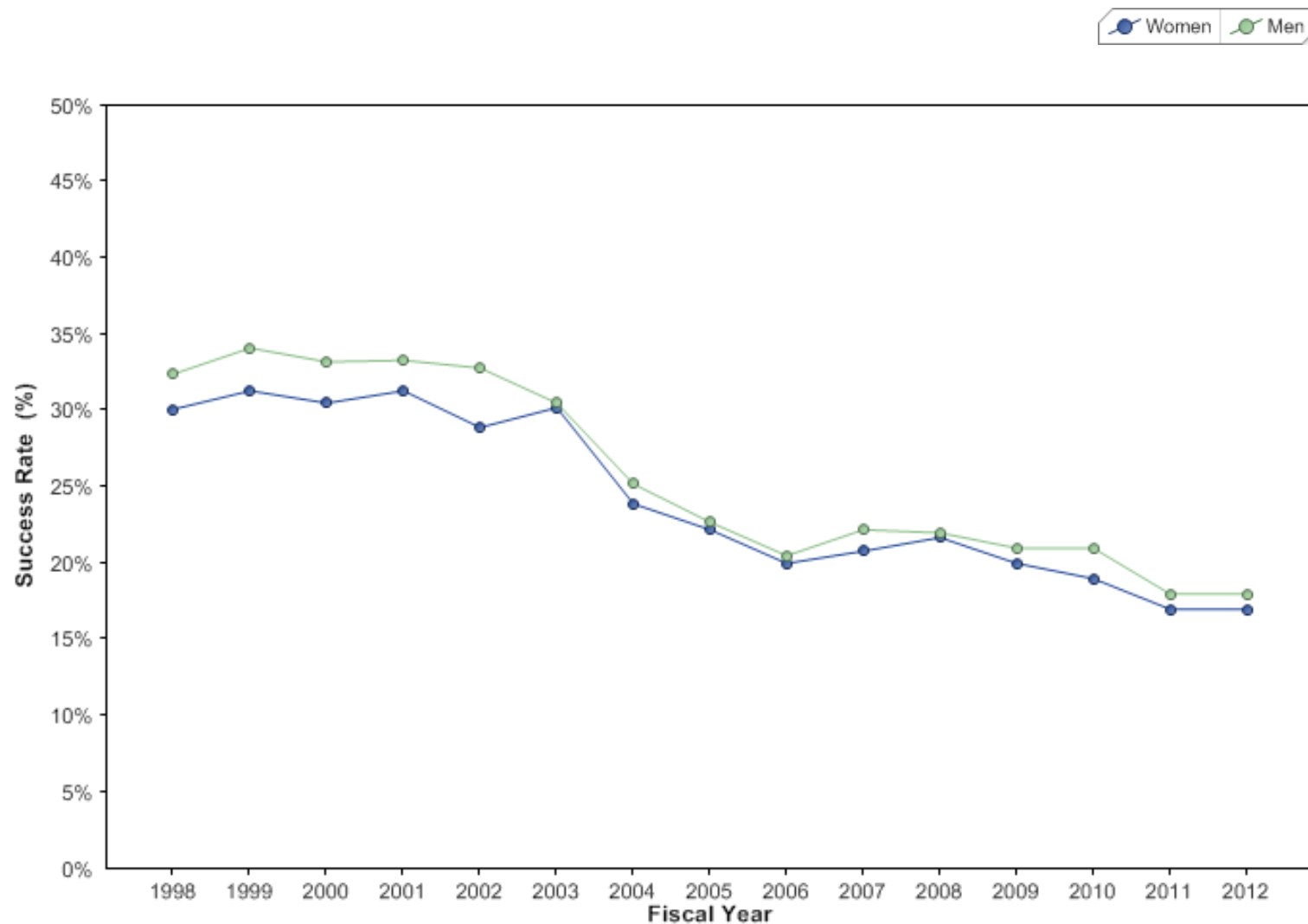
SBIR grants Success rates by phase



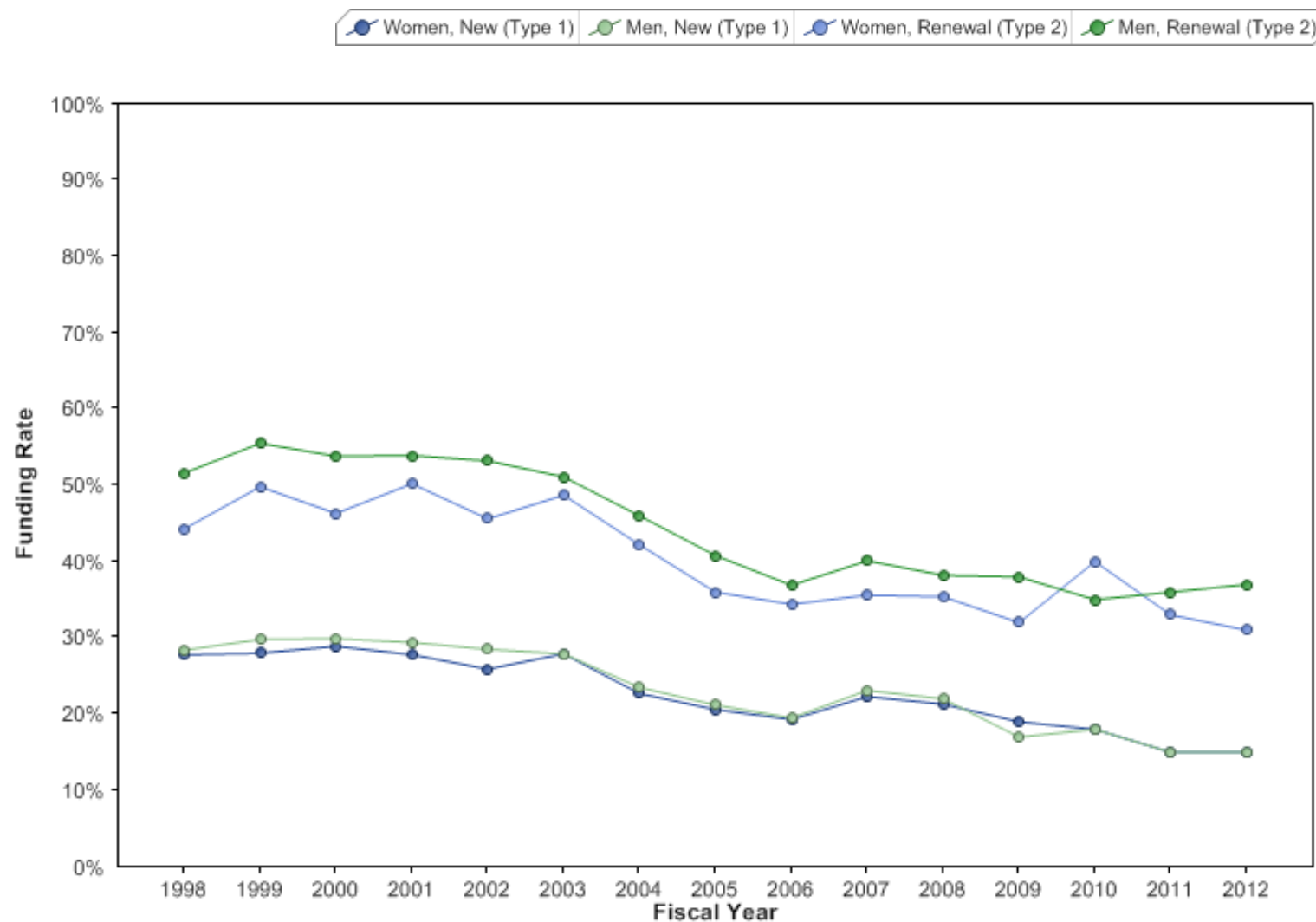
R01-Equivalent grants, New (Type 1) Success rates, by career stage of investigator



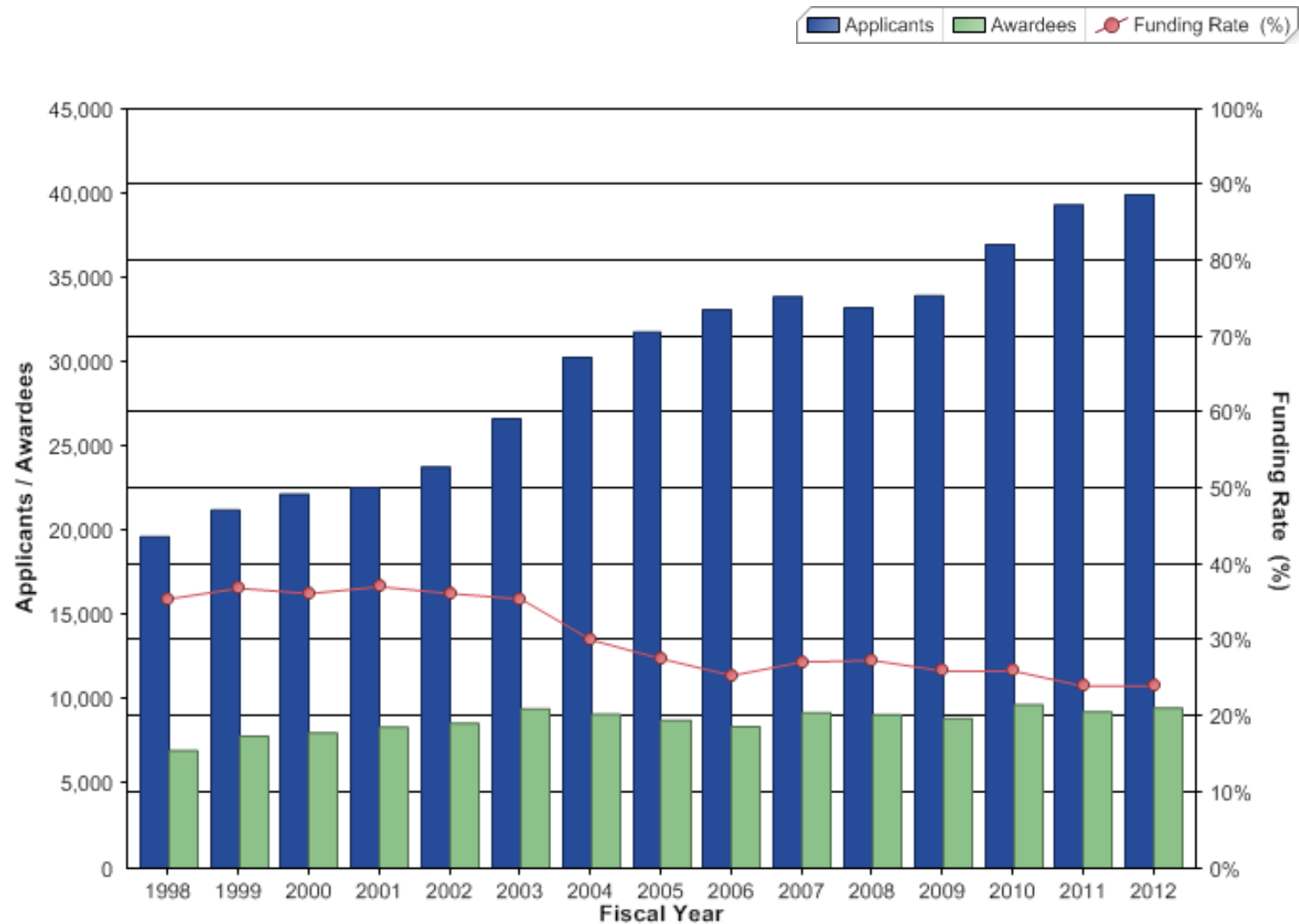
Research Project Grants Success rates, by gender



R01-Equivalent grants Funding Rates, by gender and type of application

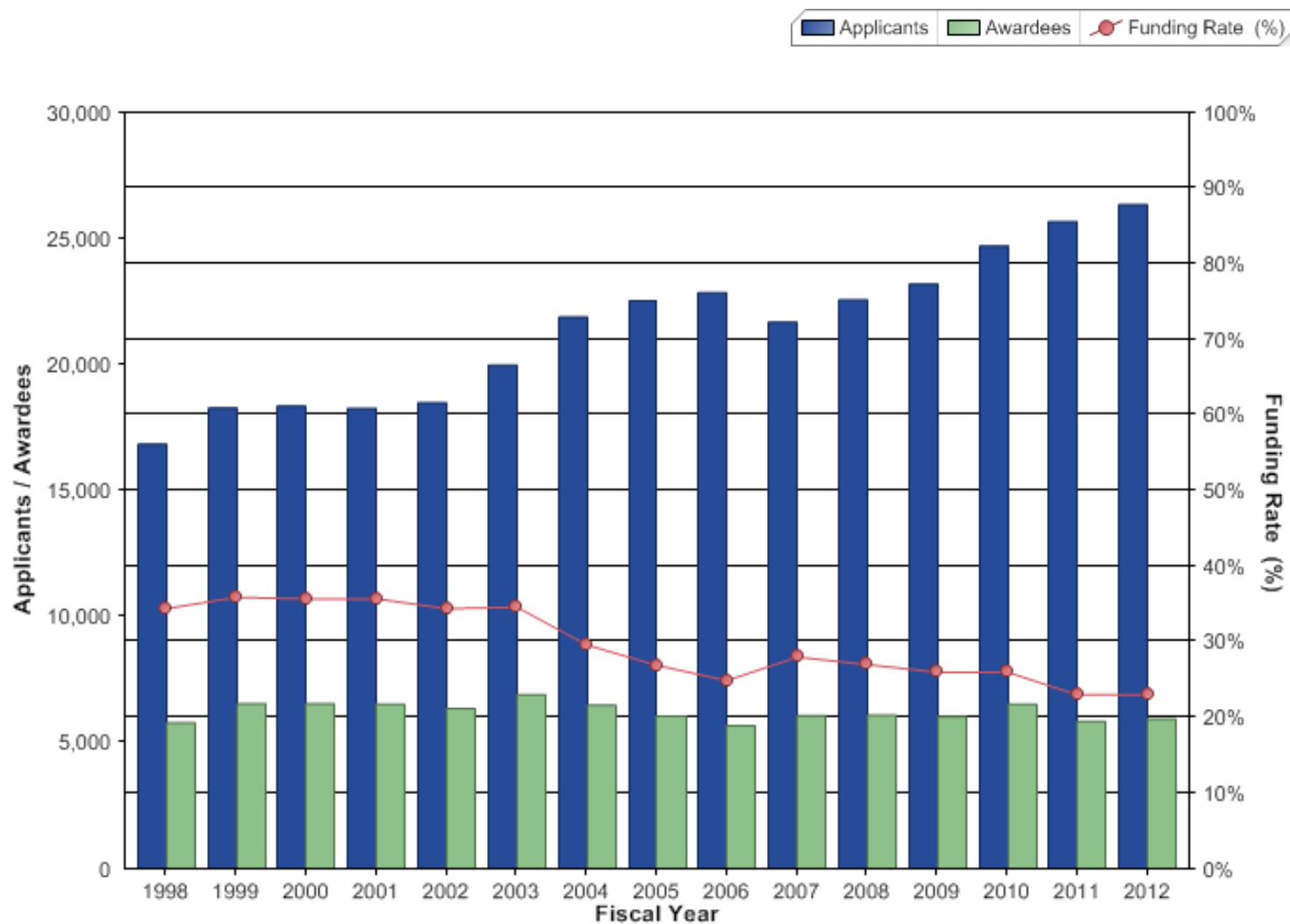


Research Project Grant investigators Competing Applicants, awardees, and funding rates



R01-Equivalent investigators

Competing Applicants, awardees, and funding rates



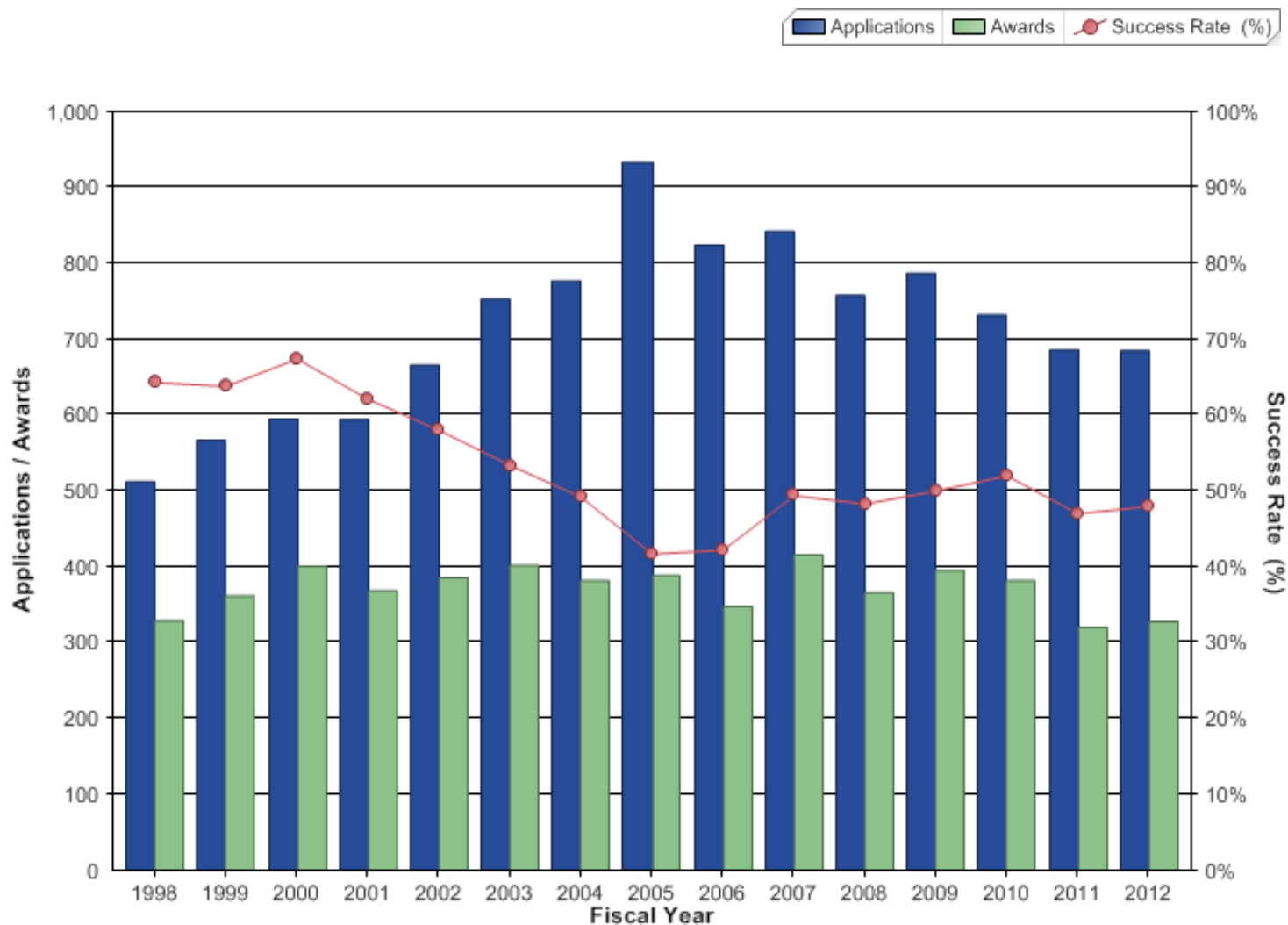
Research Career Development Awards: Competing applications, awards, and success rates

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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	2,825	2,848	2,940
K01	233	266	277	383	376	422	503	563	645	654	578	443	395	465	441	522
K02	117	111	90	98	116	106	100	114	112	93	67	72	73	65	64	54
K07	51	88	37	75	61	72	76	154	169	144	88	84	54	72	75	68
K08	557	536	479	496	515	560	592	669	676	635	524	509	466	480	425	371
K12	15	42	53	78	23	124	52	106	126	70	106	36	42	43	76	105
K22		8	55	111	87	117	143	146	171	173	149	115	111	124	88	103
K23		1	203	394	399	421	505	635	679	666	650	574	517	558	599	555
K24			185	172	128	108	89	120	149	127	133	97	87	105	87	111
K25				19	41	42	48	80	113	99	78	50	41	69	82	75
K99										1	893	795	703	778	832	911
All Other Ks	56	30	85	95	37	37	39	55	122	50	74	57	29	66	79	65
Awards	527	544	673	835	829	928	938	938	1,046	829	1,036	1,002	963	1,004	899	930
K01	82	90	107	137	160	179	216	179	198	180	183	172	144	185	151	168
K02	62	63	64	53	65	49	48	54	42	33	28	27	26	19	24	14
K07	25	39	16	31	22	28	27	31	37	35	23	29	21	16	19	5
K08	306	311	249	250	255	293	280	267	266	215	189	222	221	211	177	157
K12	15	19	19	19	10	44	24	33	35	24	48	19	22	21	24	49
K22		0	5	21	33	47	47	47	50	50	40	26	29	31	26	25
K23		1	86	192	184	196	214	226	232	180	217	216	227	211	203	203
K24			81	77	58	48	40	50	76	56	62	49	41	64	39	51
K25				8	23	22	20	24	37	31	27	24	9	21	19	19
K99										1	183	180	204	194	180	212
All Other Ks	37	21	46	47	19	22	22	27	73	24	36	38	19	31	37	27
Success Rates	51%	50%	46%	43%	46%	46%	44%	36%	35%	31%	31%	35%	38%	36%	32%	32%
K01	35%	34%	39%	36%	43%	42%	43%	32%	31%	28%	32%	39%	36%	40%	34%	32%
K02	53%	57%	71%	54%	56%	46%	48%	47%	38%	35%	42%	38%	36%	29%	38%	26%
K07	49%	44%	43%	41%	36%	39%	36%	20%	22%	24%	26%	34%	39%	22%	25%	7%
K08	55%	58%	52%	50%	50%	52%	47%	40%	39%	34%	36%	44%	47%	44%	42%	42%
K12	100%	45%	36%	24%	43%	35%	46%	31%	28%	34%	45%	53%	52%	49%	32%	47%
K22		0%	9%	19%	38%	40%	33%	32%	29%	29%	27%	23%	26%	25%	30%	24%
K23		100%	42%	49%	46%	47%	42%	36%	34%	27%	33%	38%	44%	38%	34%	37%
K24			44%	45%	45%	44%	45%	42%	51%	44%	47%	50%	47%	61%	45%	46%
K25				42%	56%	52%	42%	30%	33%	31%	35%	48%	22%	30%	23%	25%
K99										100%	20%	23%	29%	25%	22%	23%
All Other Ks	66%	70%	54%	49%	51%	59%	56%	49%	60%	48%	49%	67%	66%	47%	47%	42%

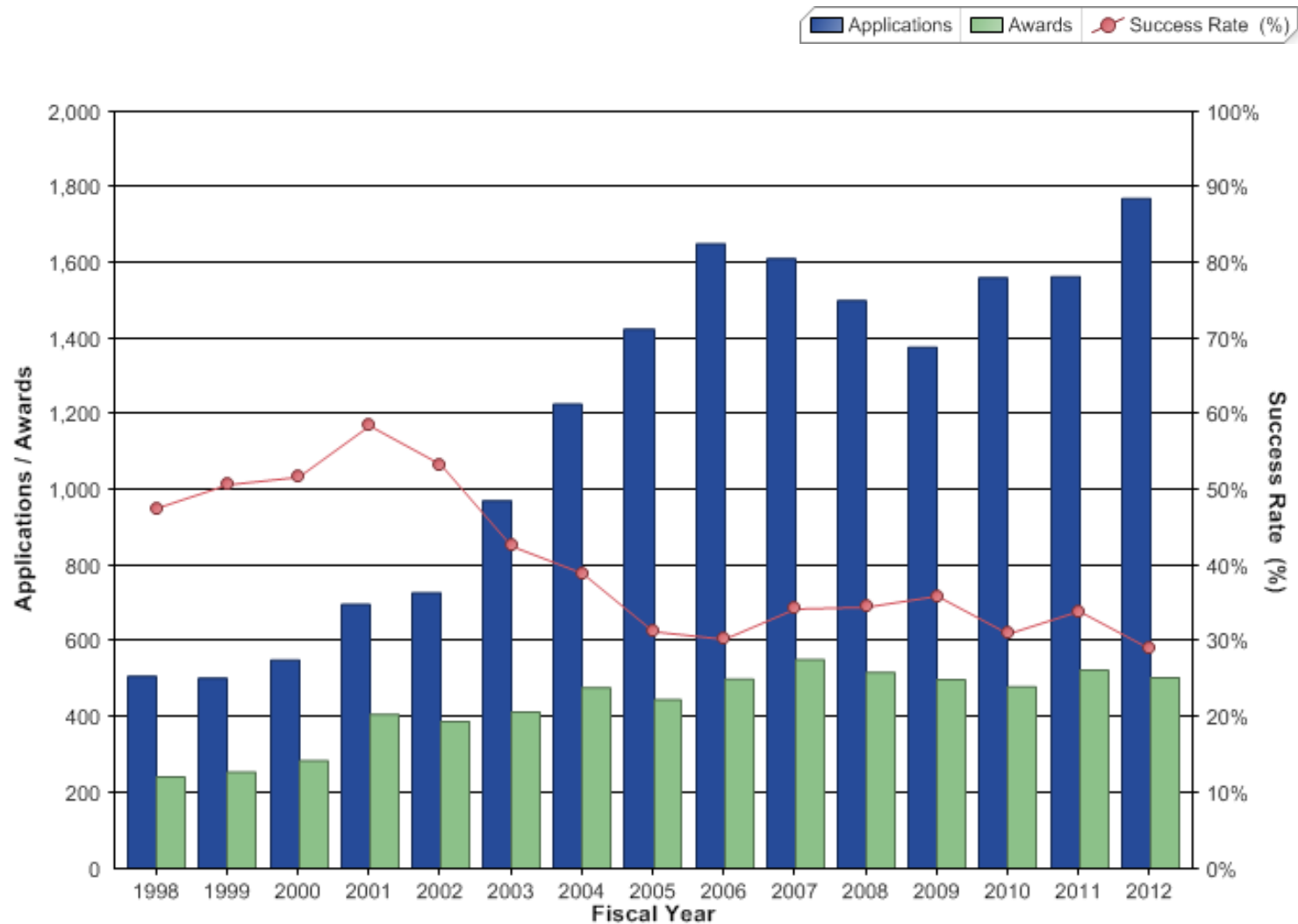


Kirschstein-NRSA institutional research training grants

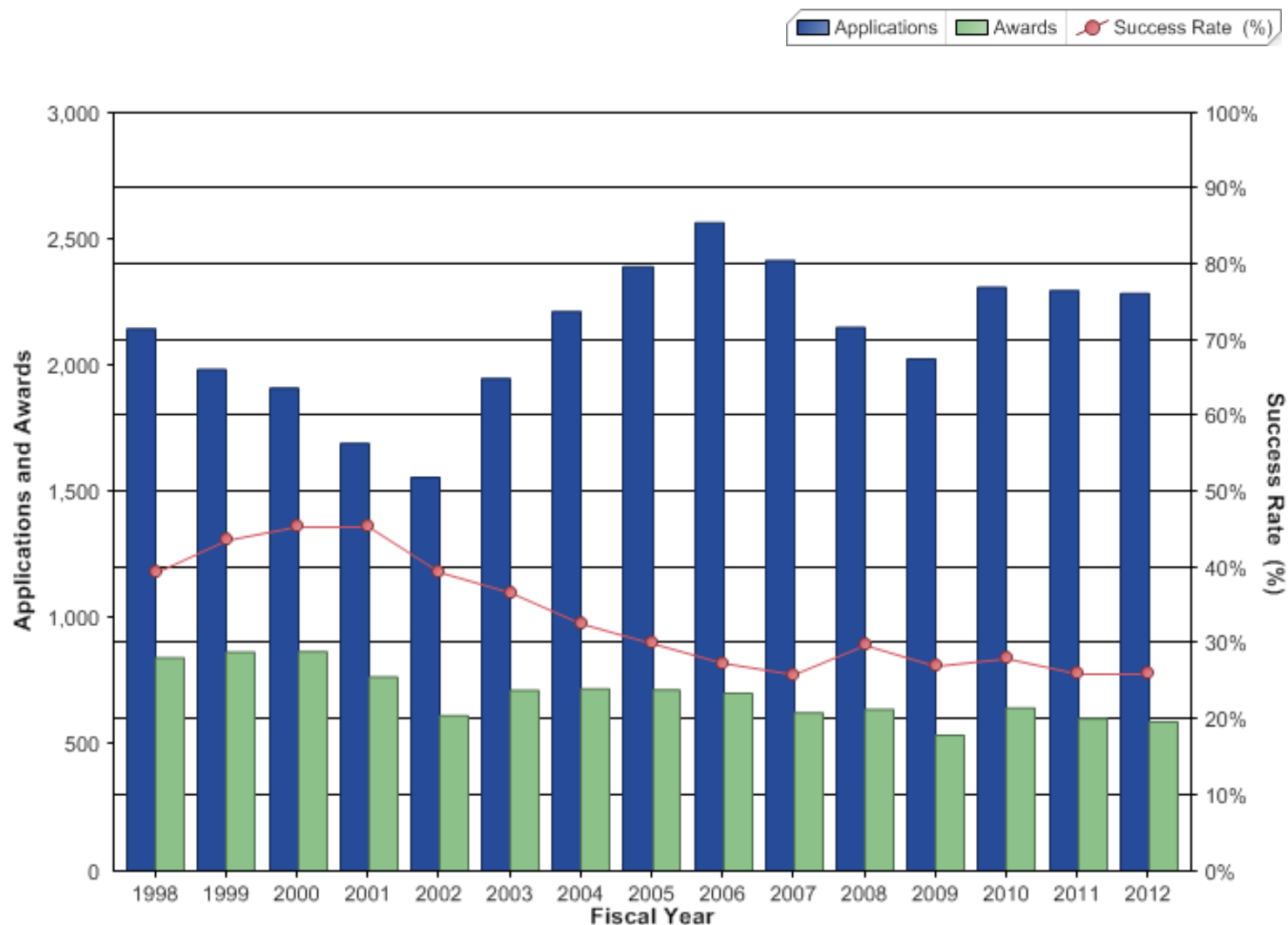
Competing Applications, awards, and success rates



Kirschstein-NRSA pre-doctoral fellowships (F31s) Competing Applications, awards, and success rates



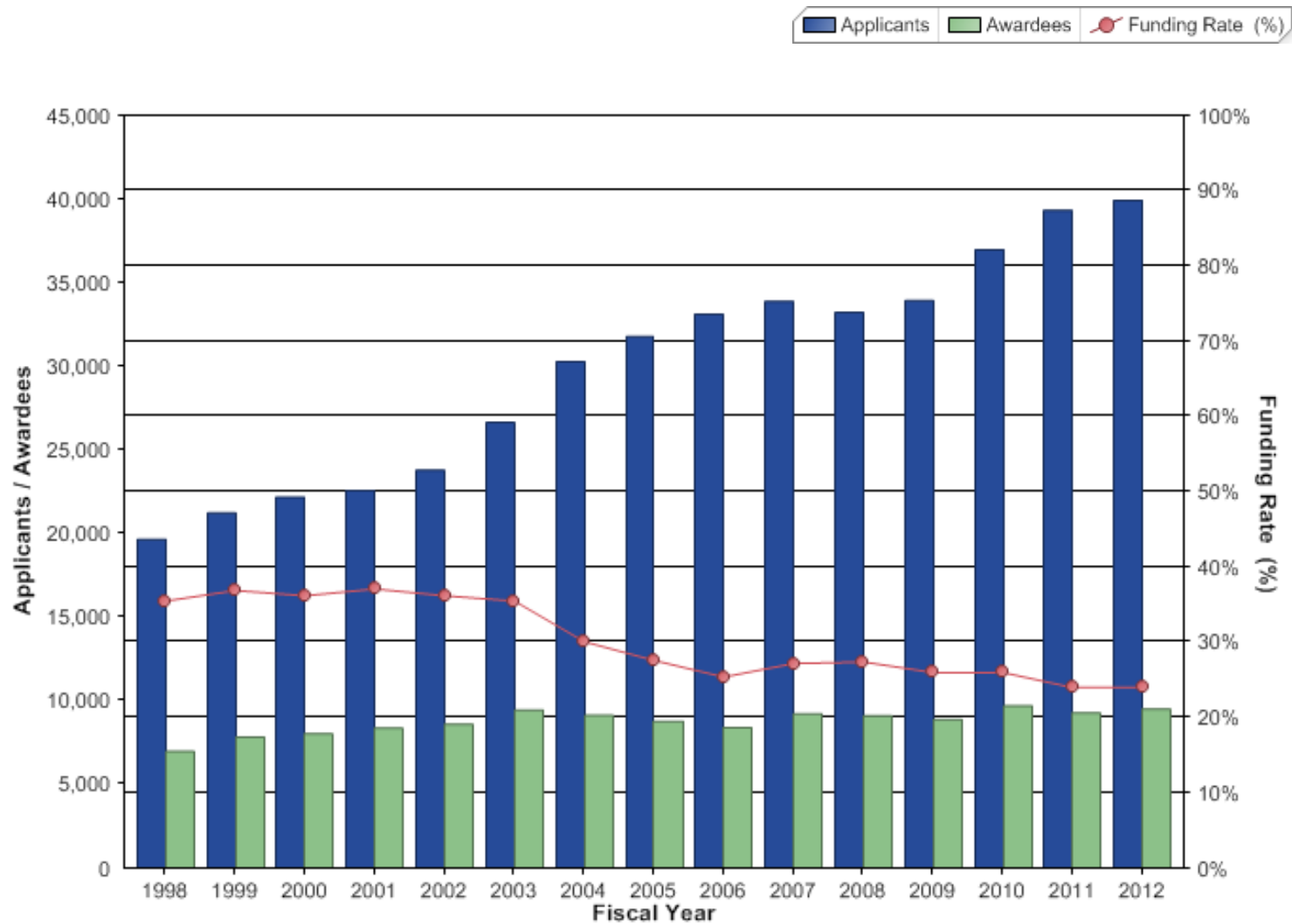
Kirschstein-NRSA post-doctoral fellowships (F32s) Competing Applications, awards, and success rates



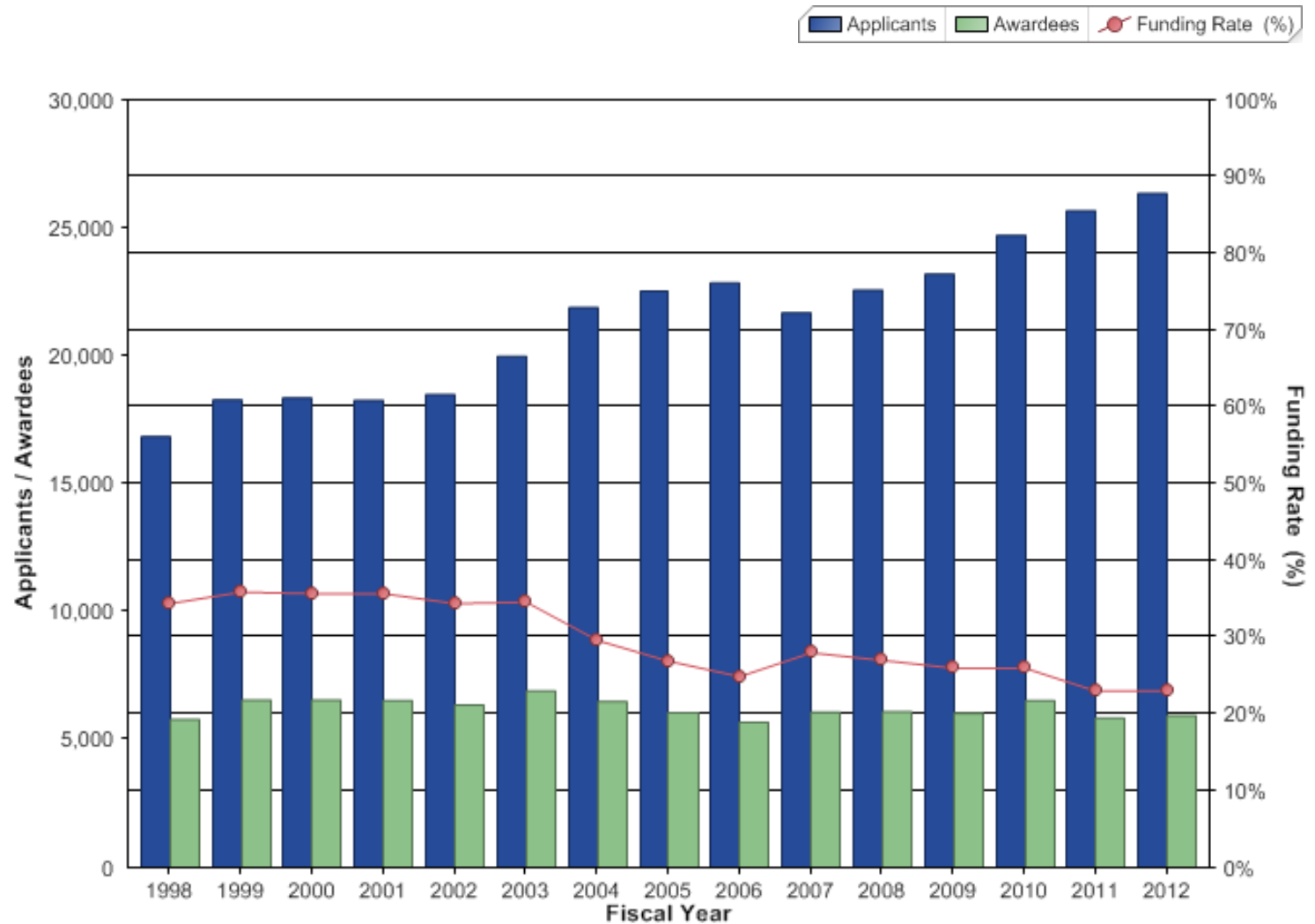


THE NIH-FUNDED RESEARCH-WORKFORCE

Research Project Grant investigators Applicants, awardees, and funding rates



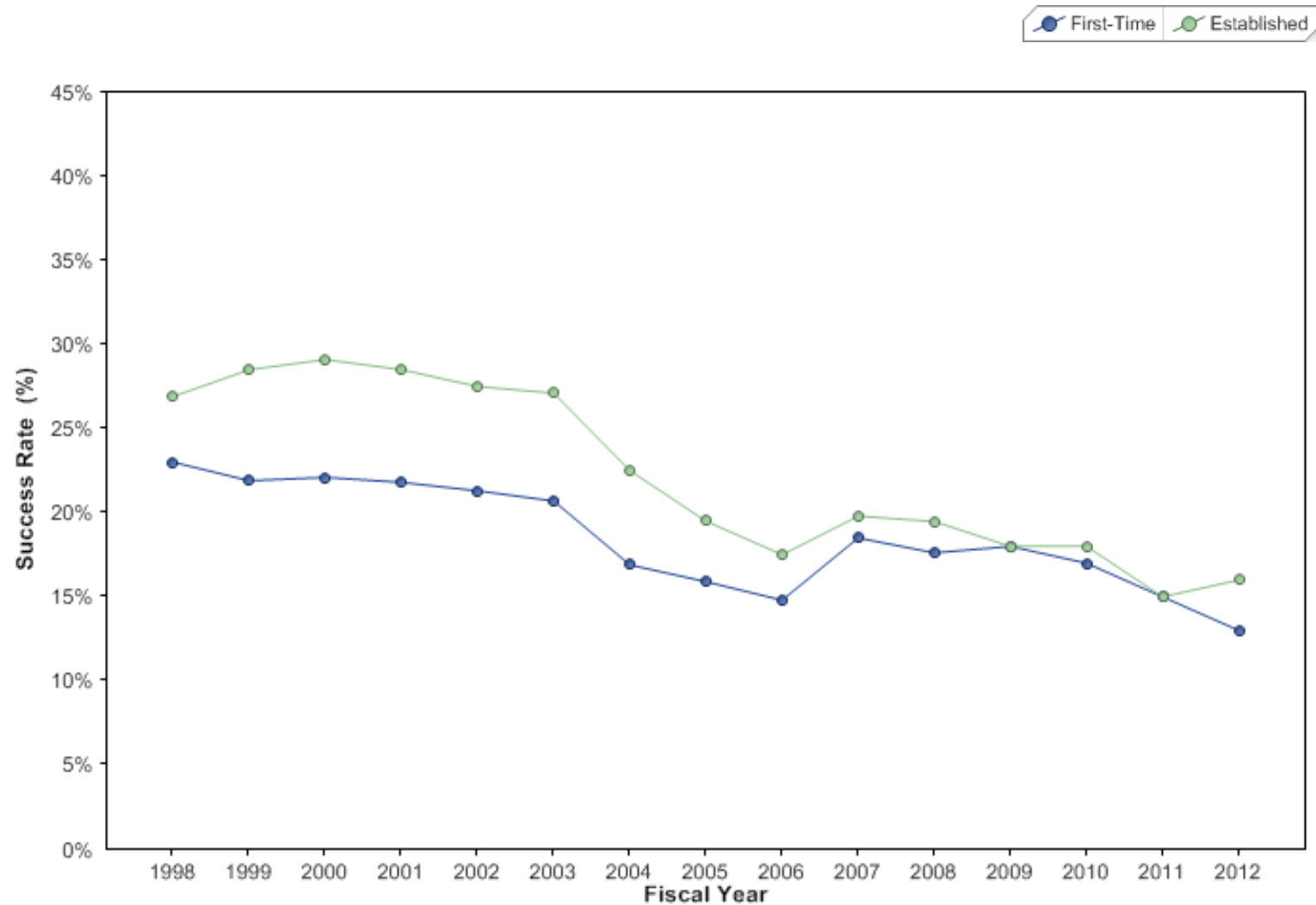
R01-Equivalent investigators Applicants, awardees, and funding rates



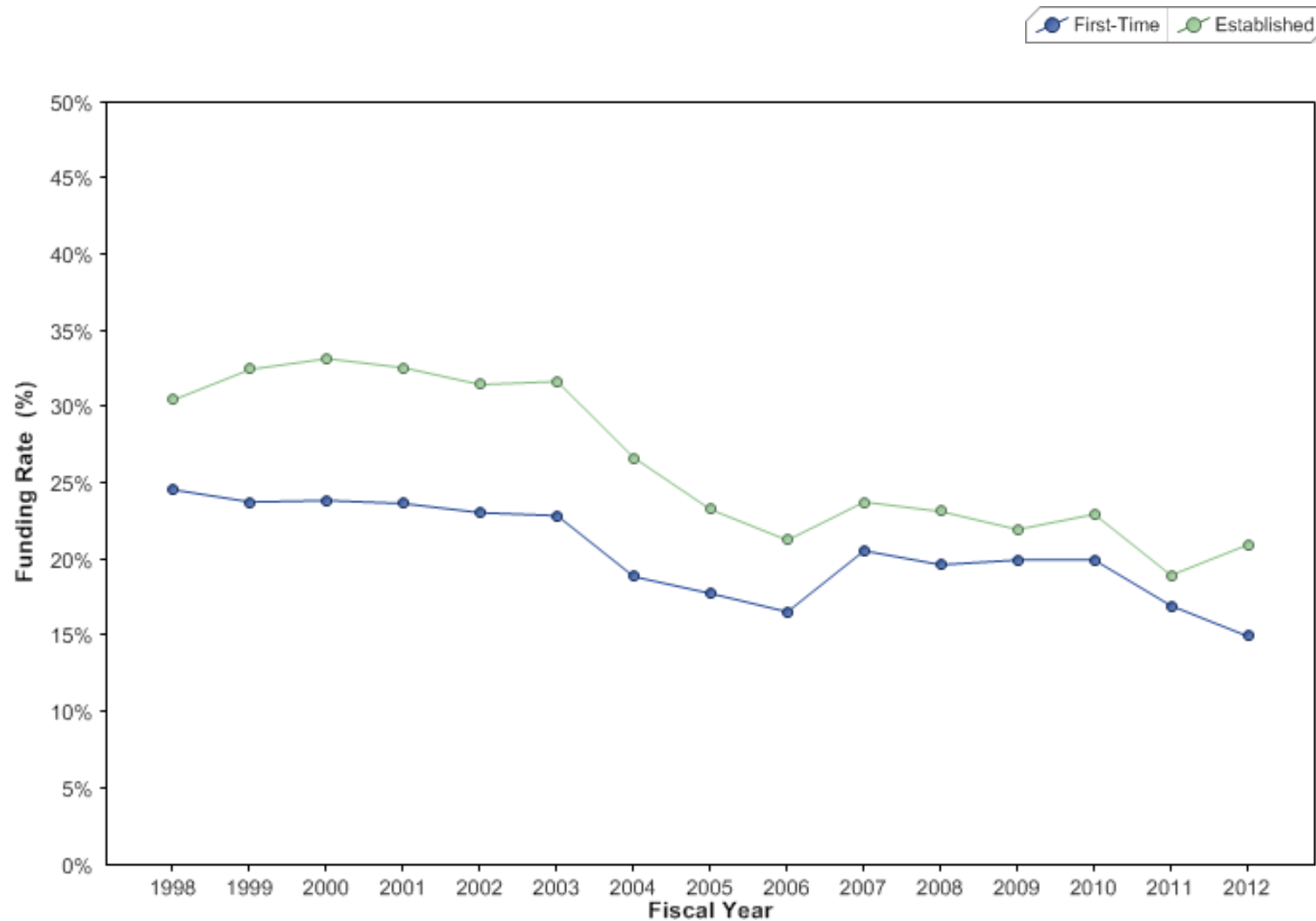


NEW NIH INVESTIGATORS

R01-Equivalent grants, New (Type 1) Success rates, by career stage of investigator

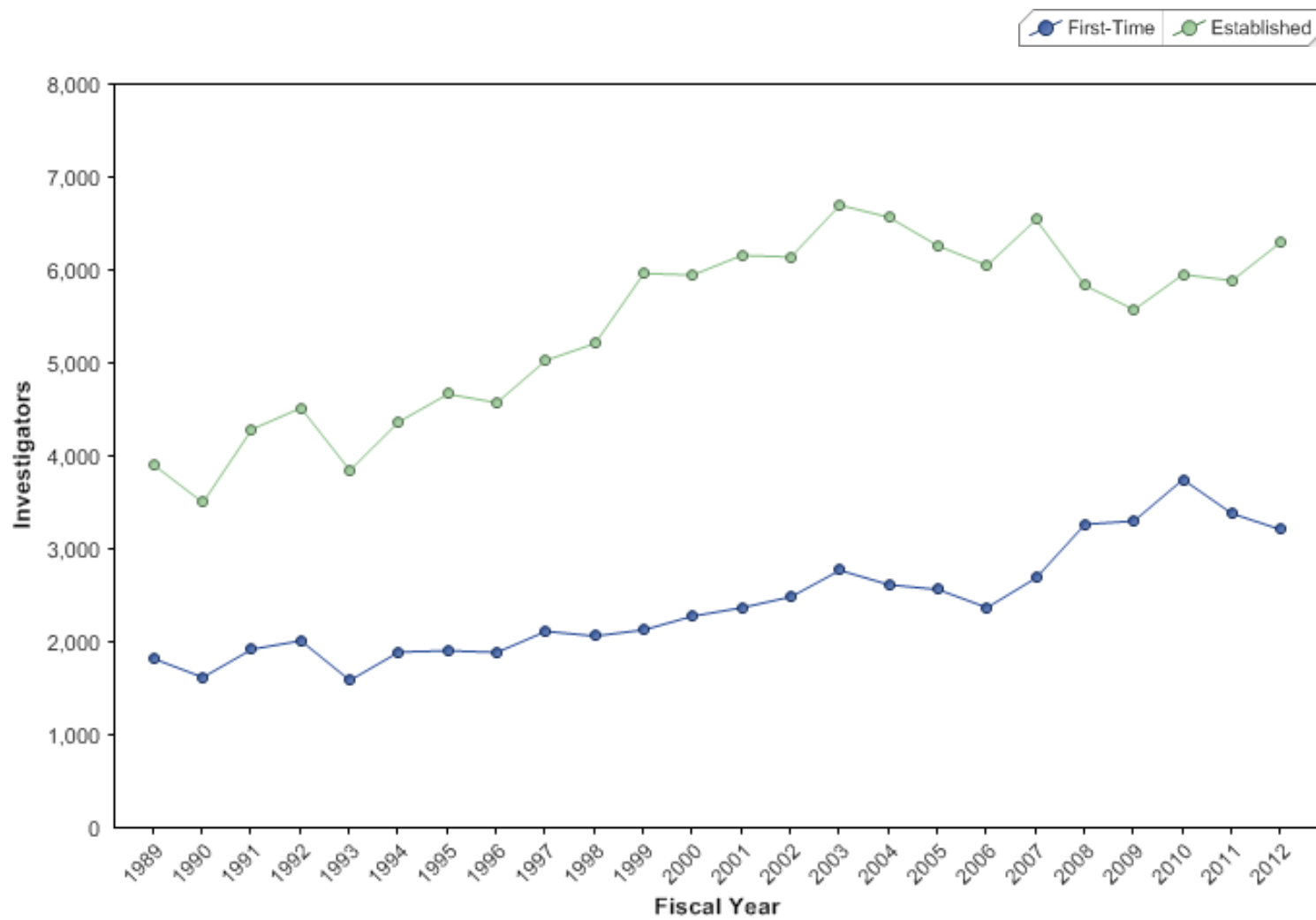


R01-Equivalent investigators, New (Type 1) Funding rates, by career stage of investigator



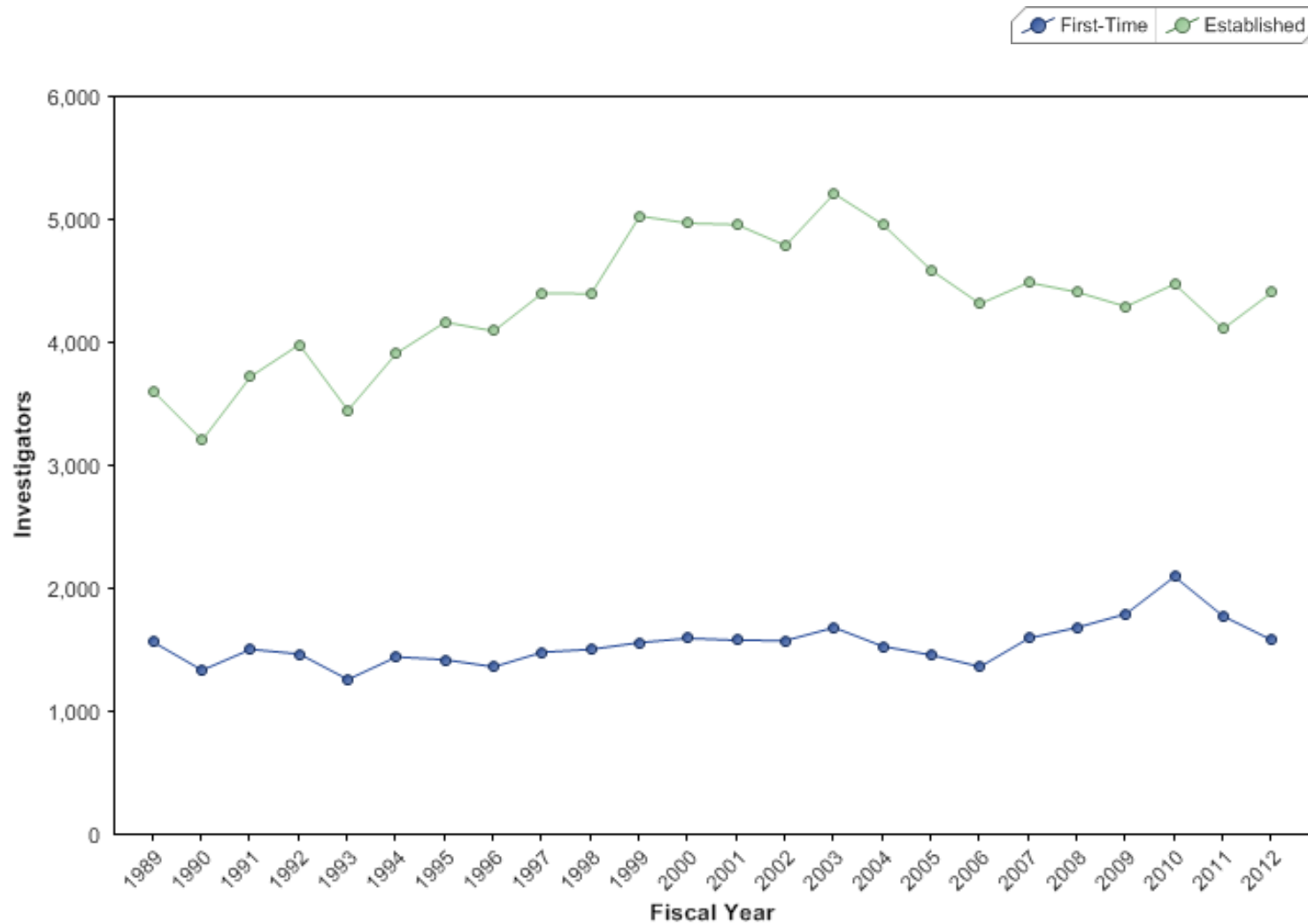
Research Project Grant investigators

Number supported on competing awards, by career stage of investigator



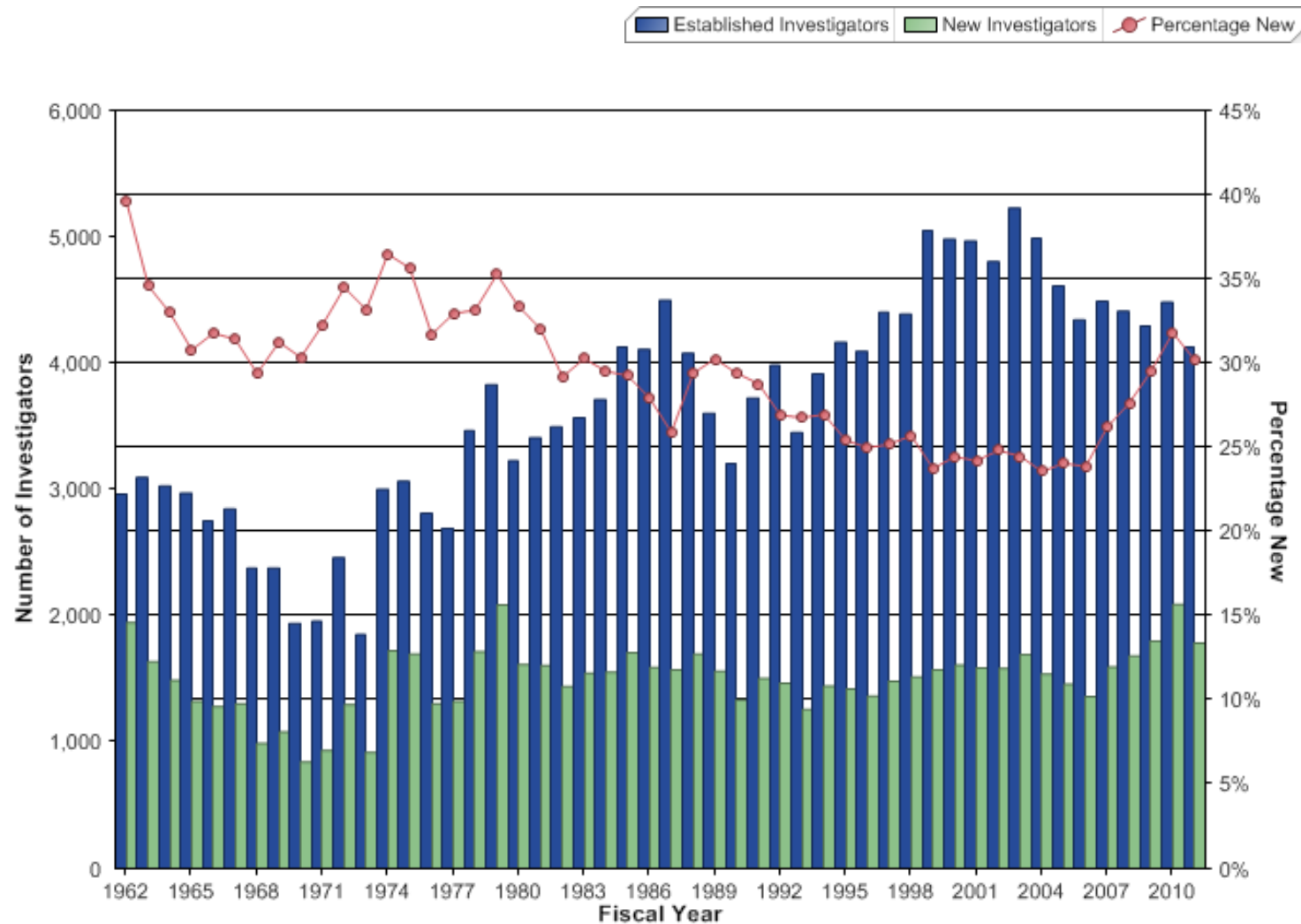
R01-Equivalent investigators

Number supported on competing awards, by career stage of investigator



R01-Equivalent investigators

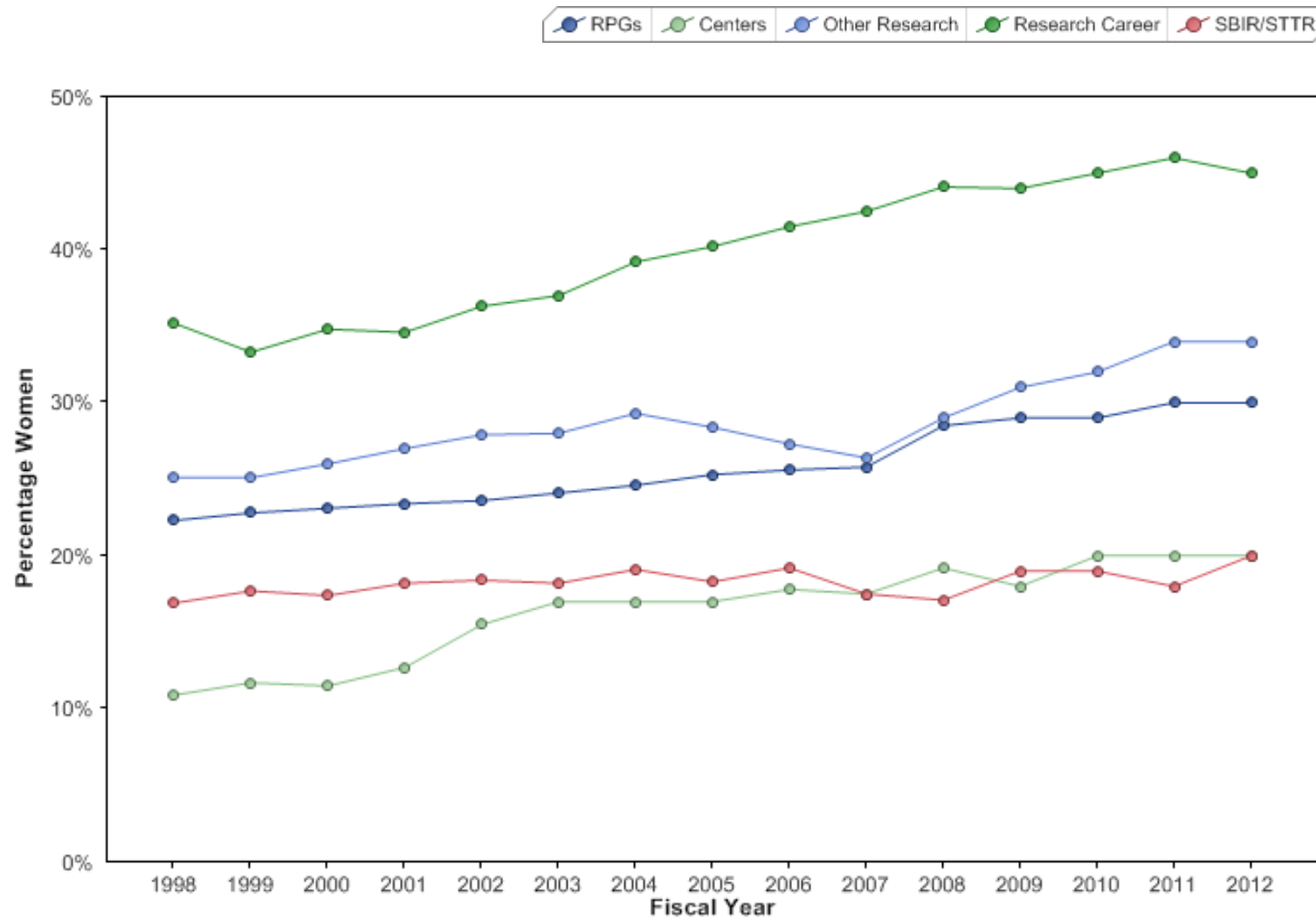
Number of competing awardees, by career stage of investigator, and percent new



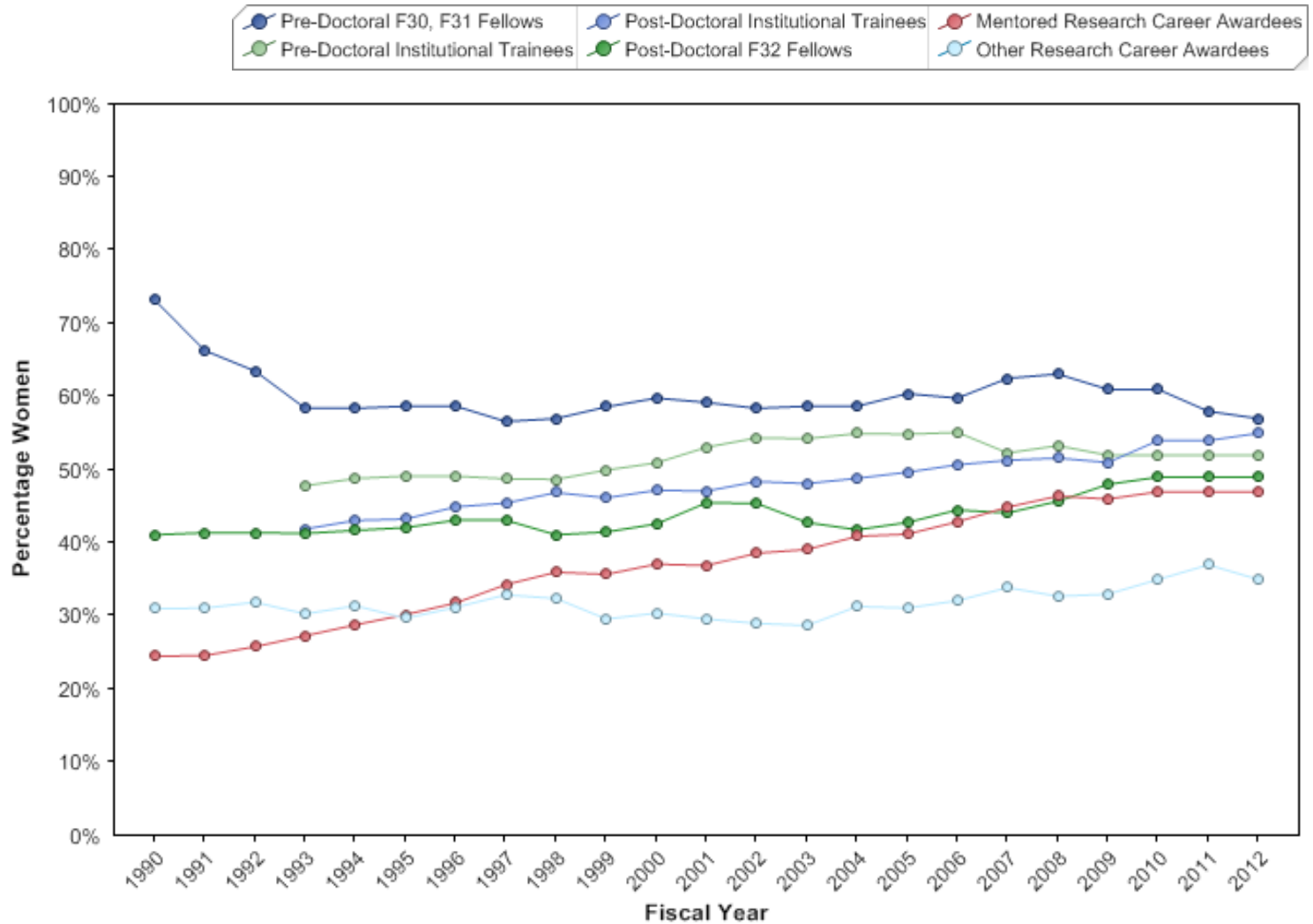


DATA BY GENDER

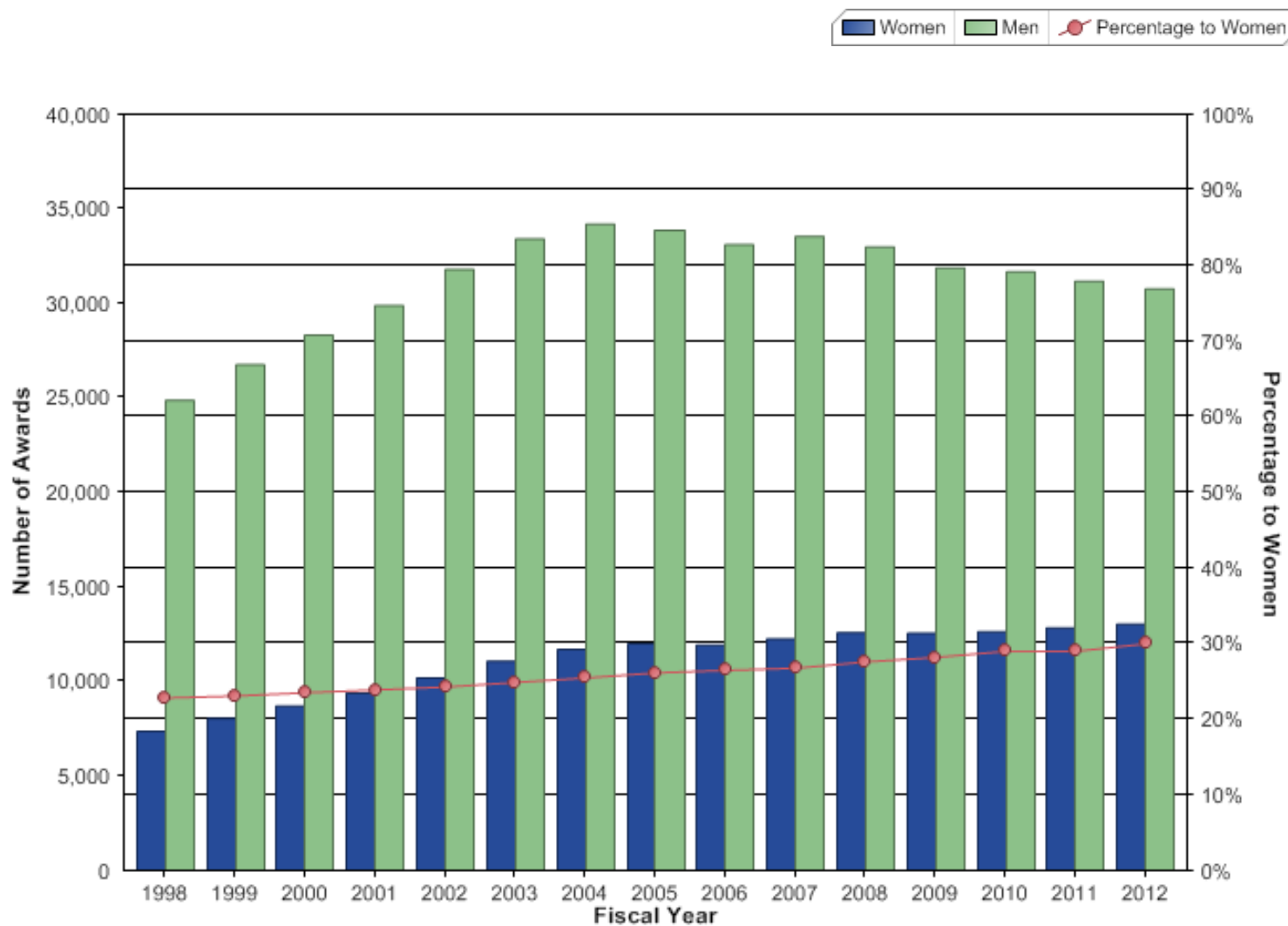
Research grant investigators Representation of women, by mechanism



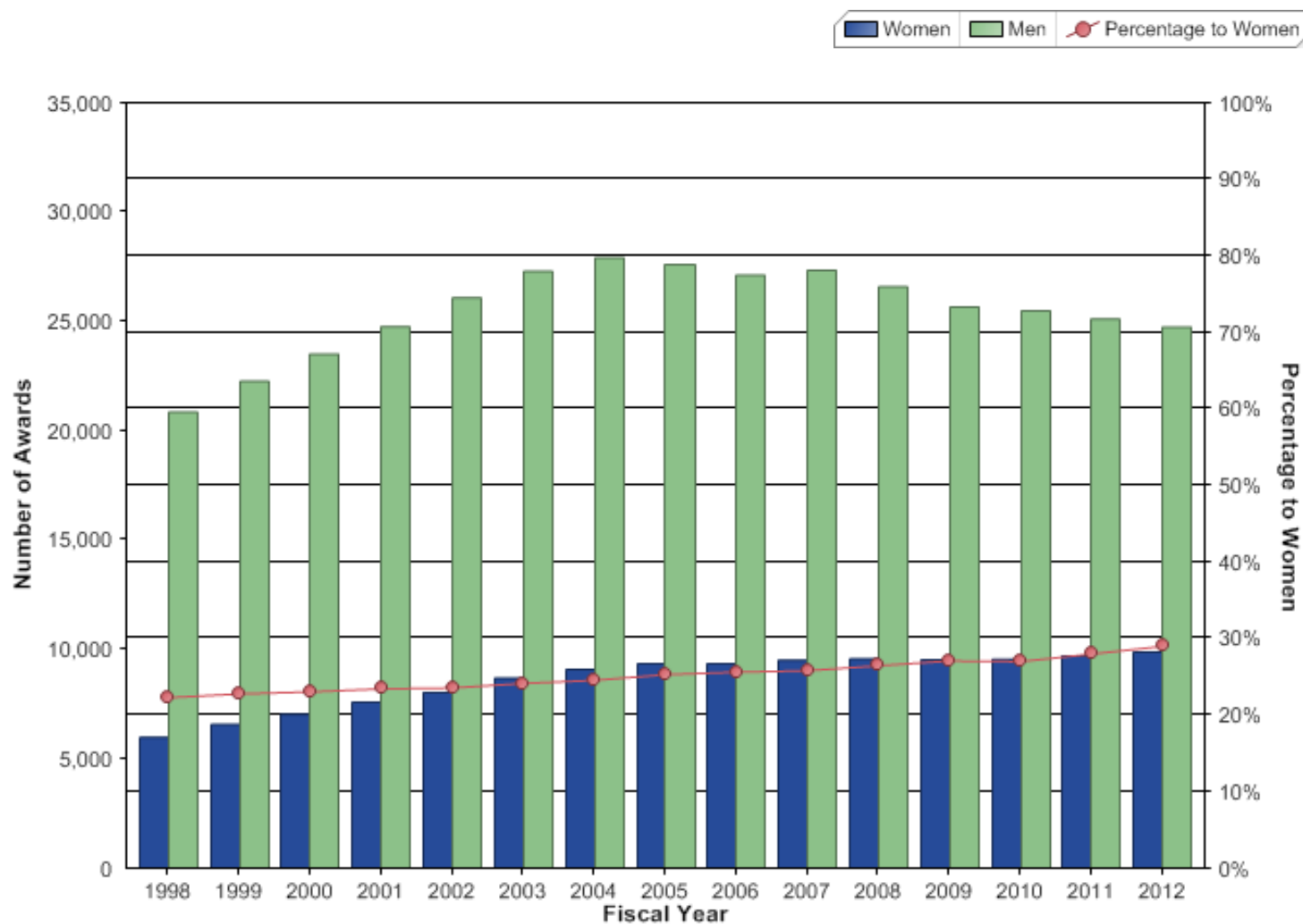
Research career development award recipients and Kirschstein-NRSA trainees and fellows Representation of women, by activity and career stage



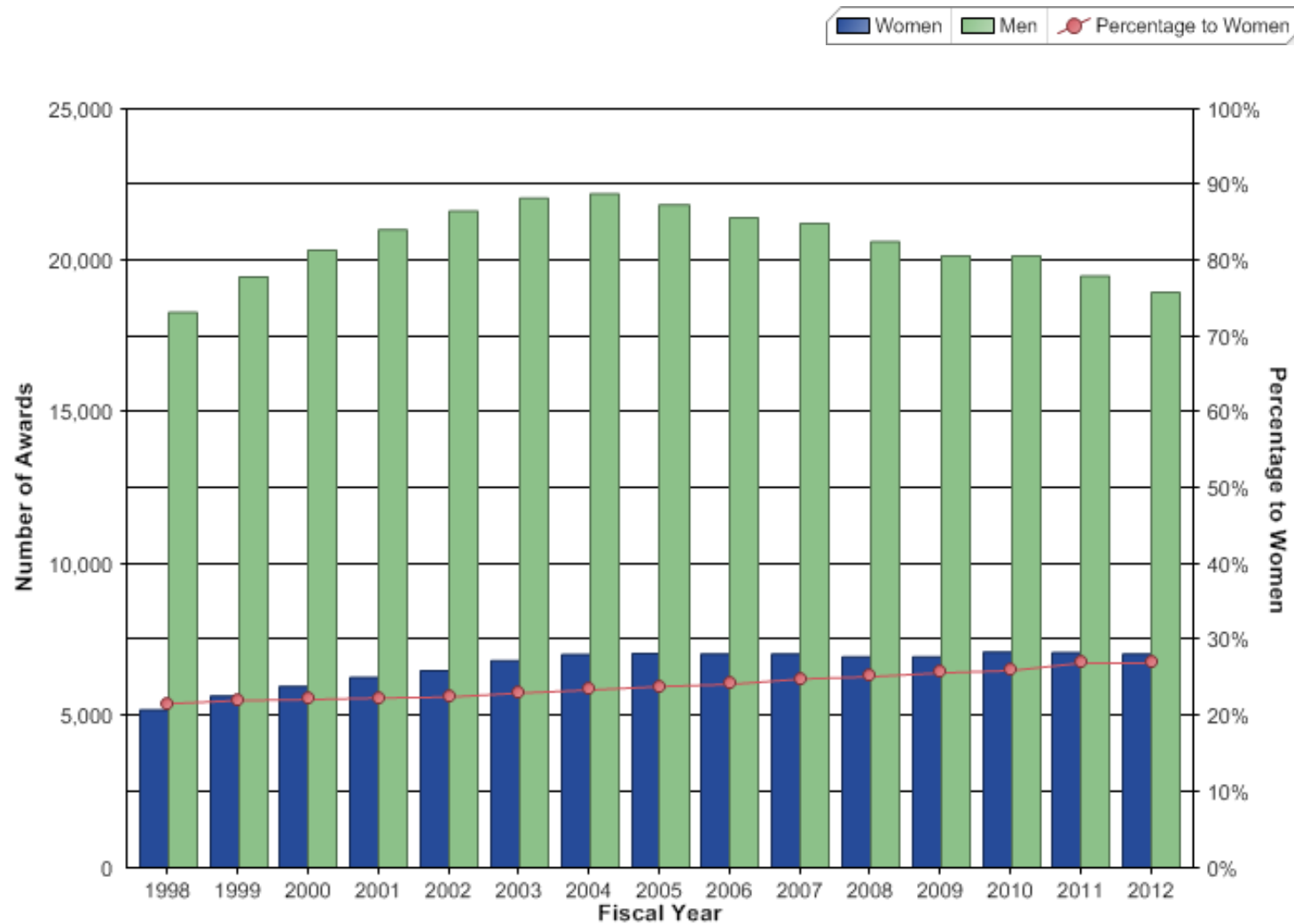
Research grants Awards, by gender



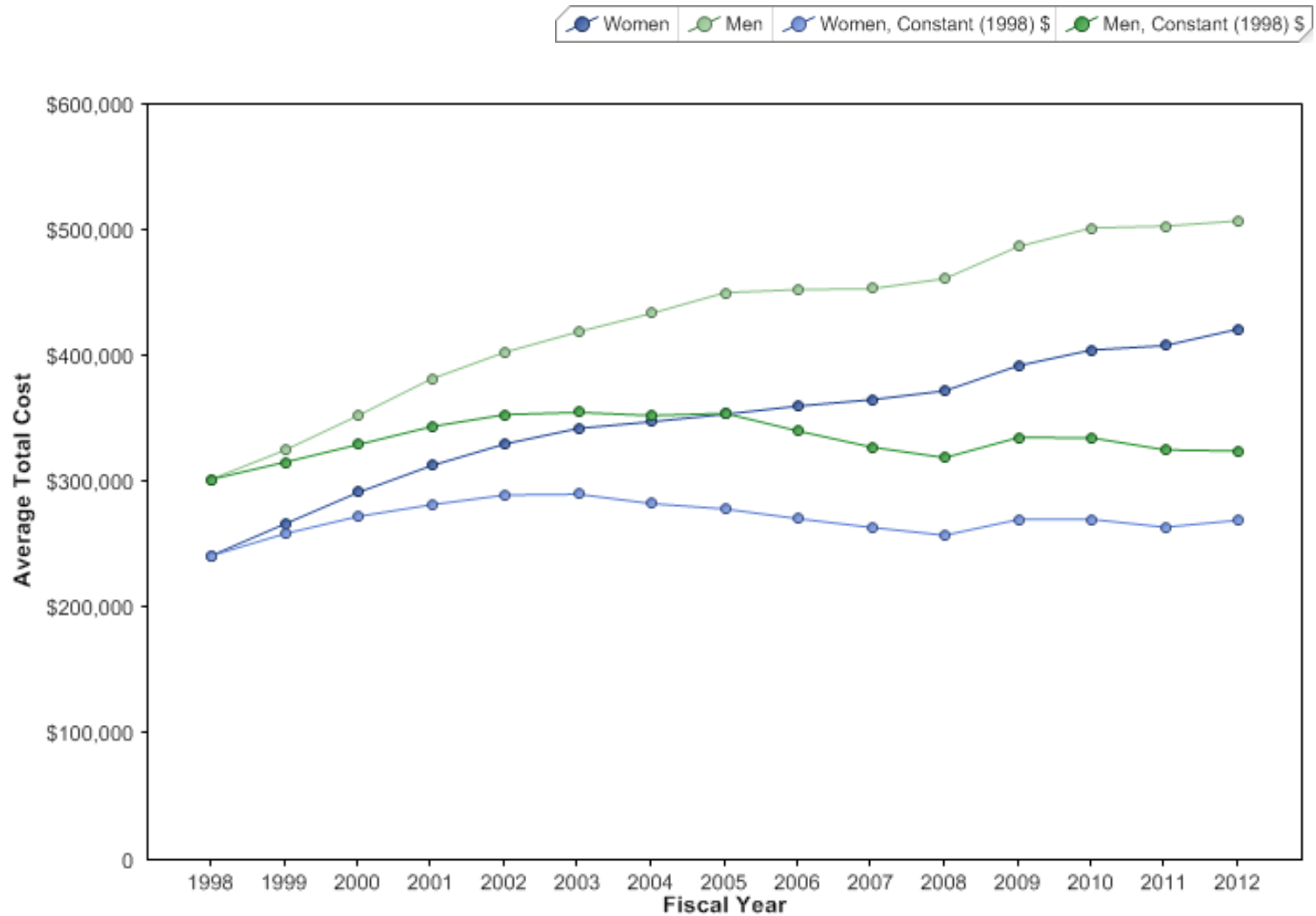
Research Project Grants Awards, by gender



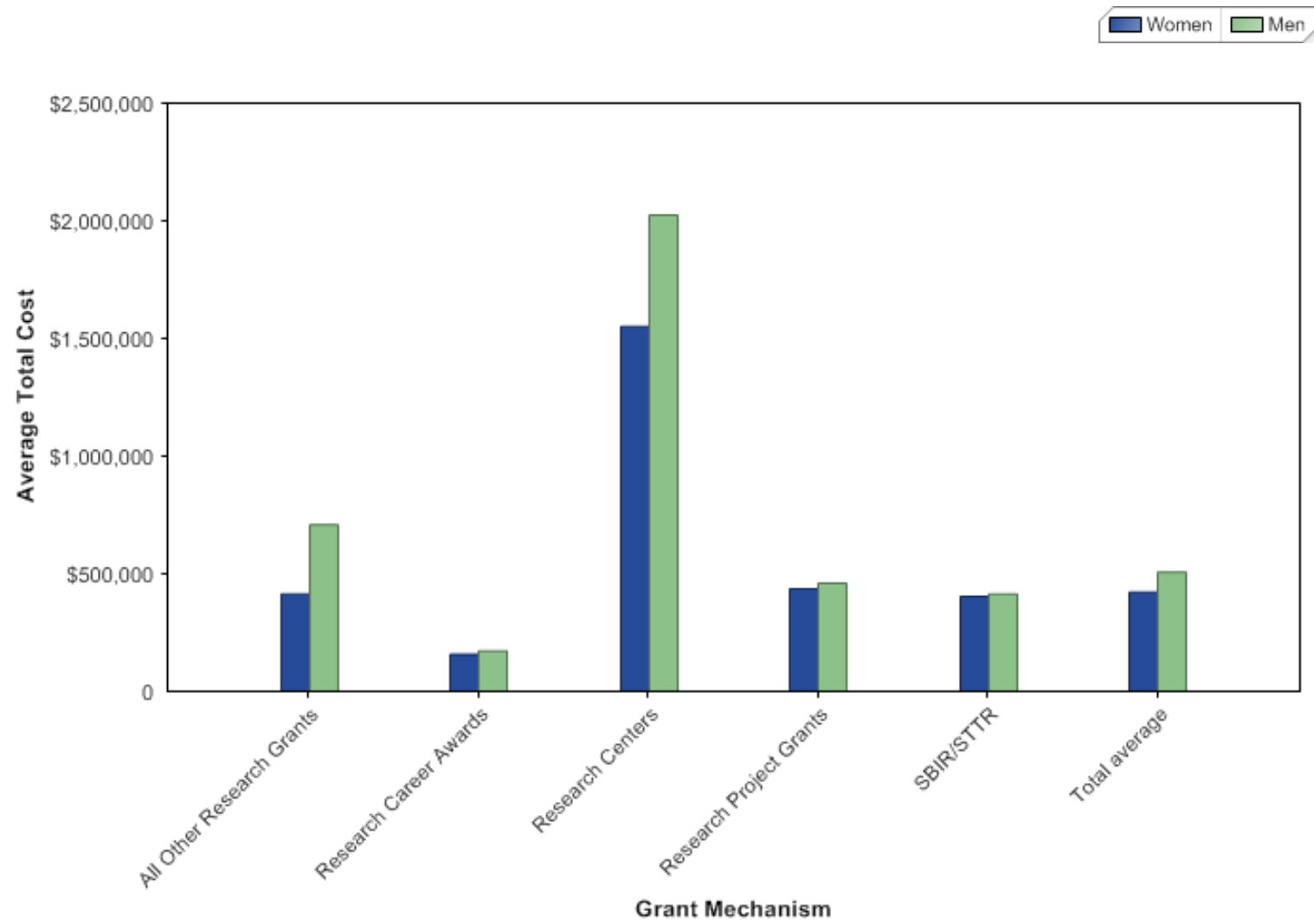
R01-Equivalent grants Awards, by gender



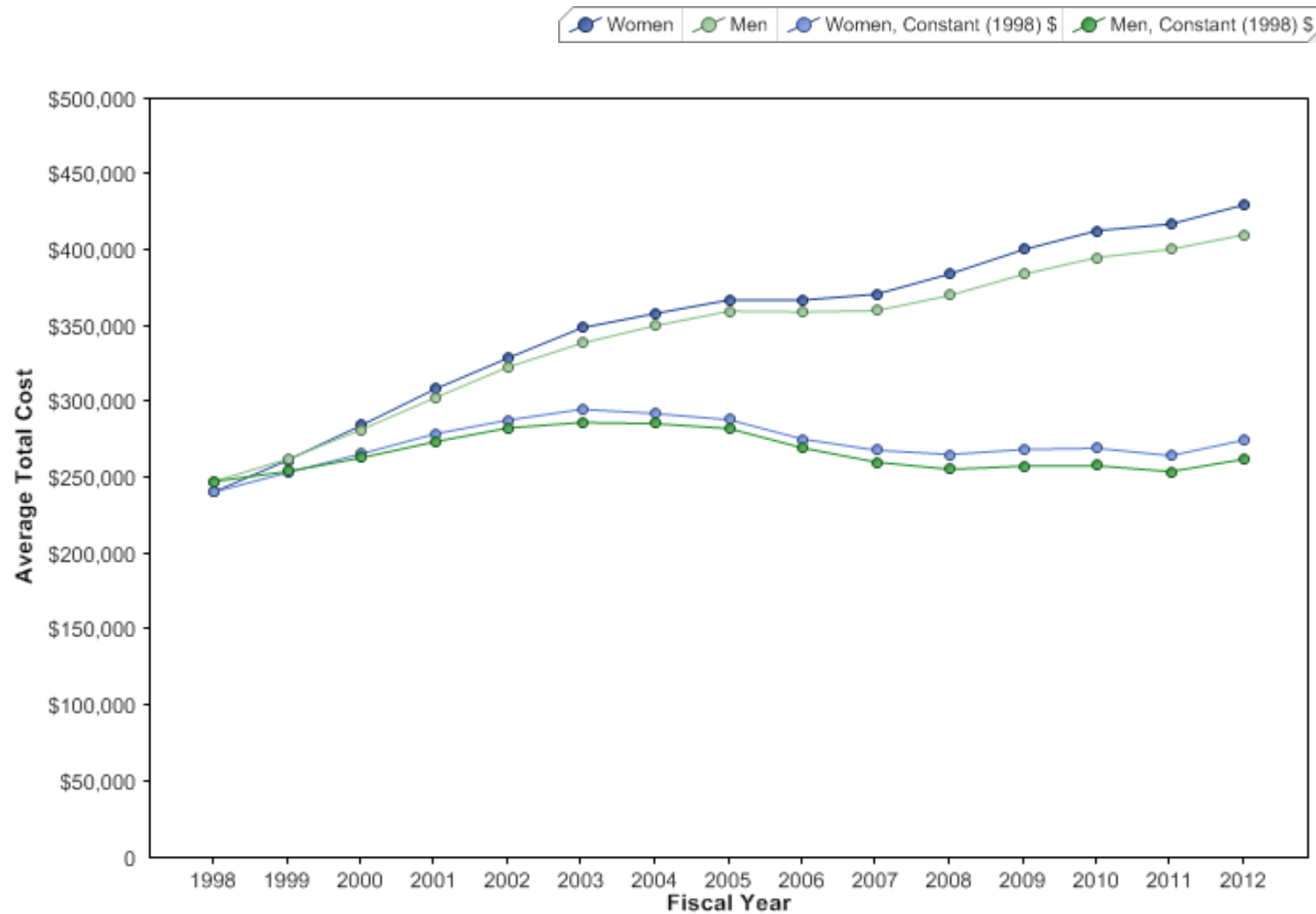
Research grants Average size, by gender



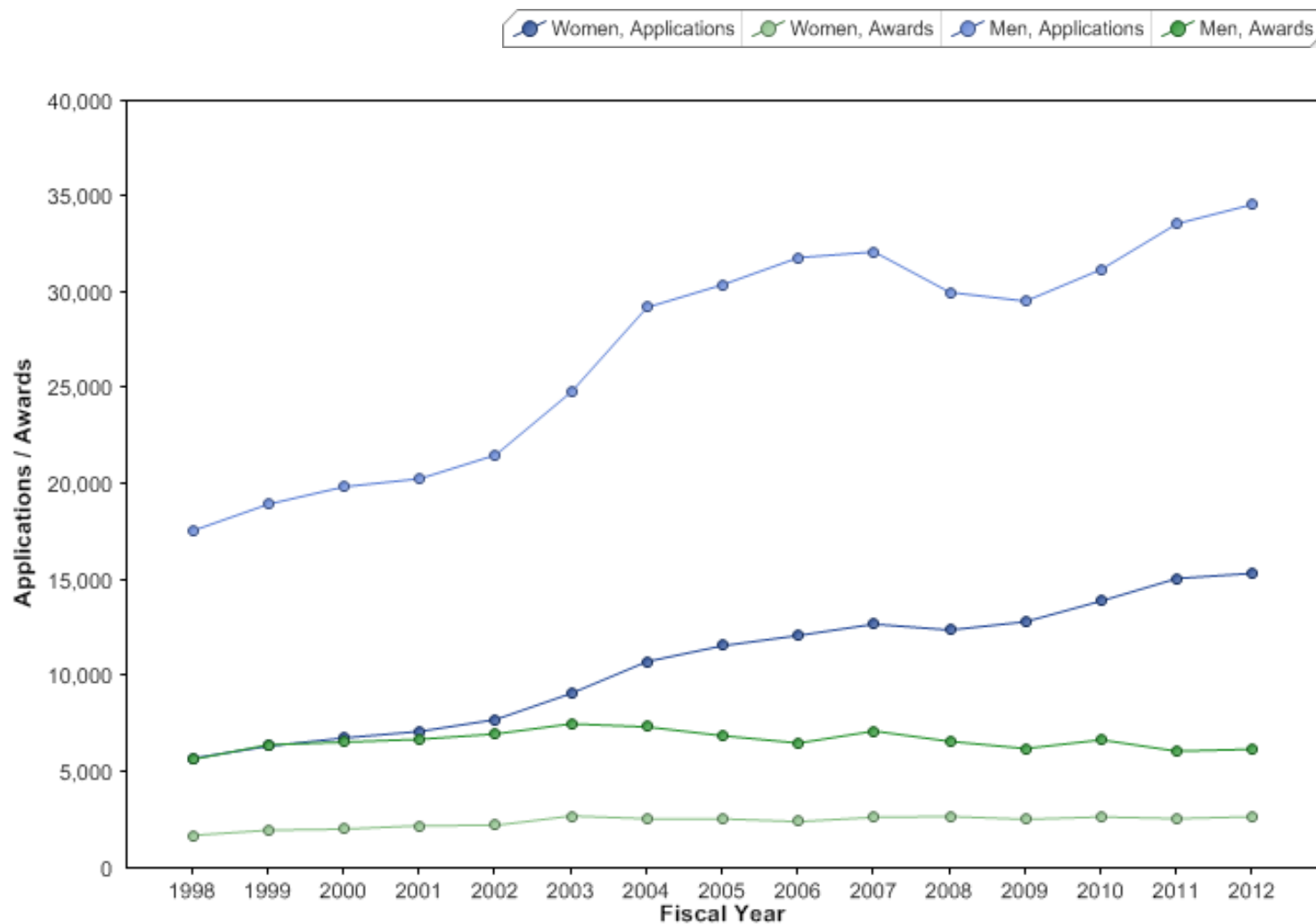
Research grants Average size, by mechanism and gender, FY 2012



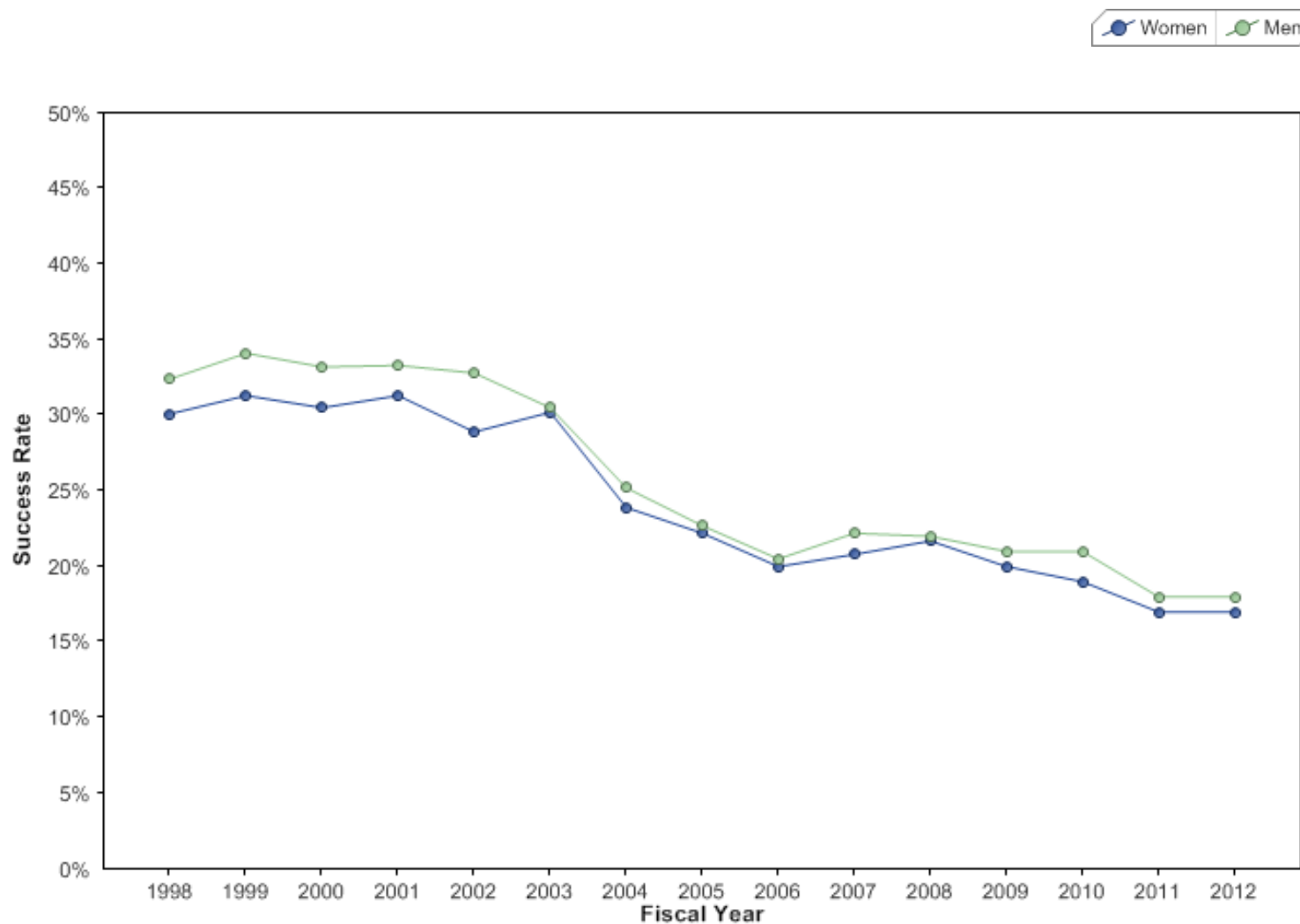
R01-Equivalent grants Average size, by gender



Research Project Grants Competing applications and awards, by gender

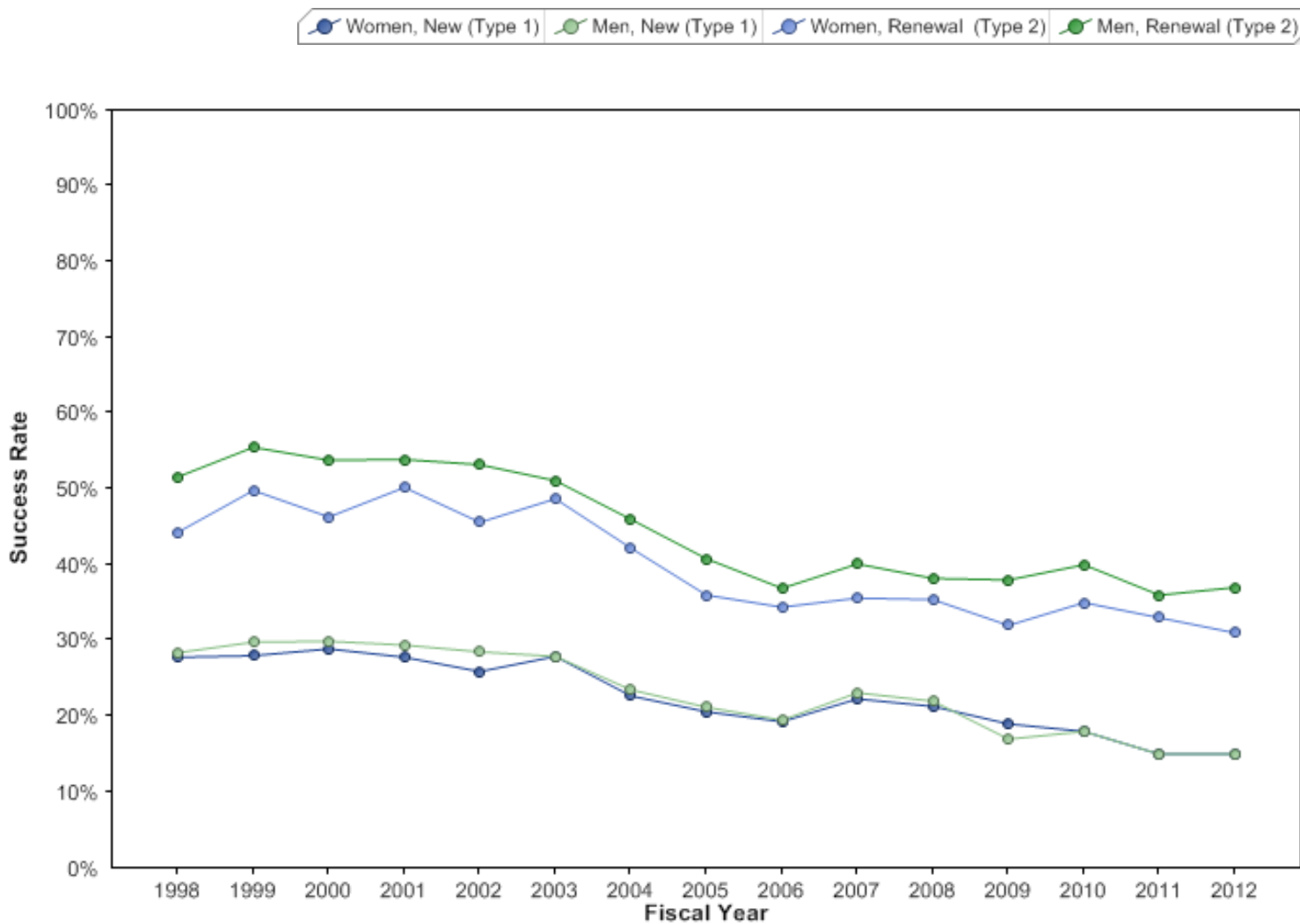


Research Project Grants Success rates, by gender



R01-Equivalent grants

Success rates, by gender and type of application





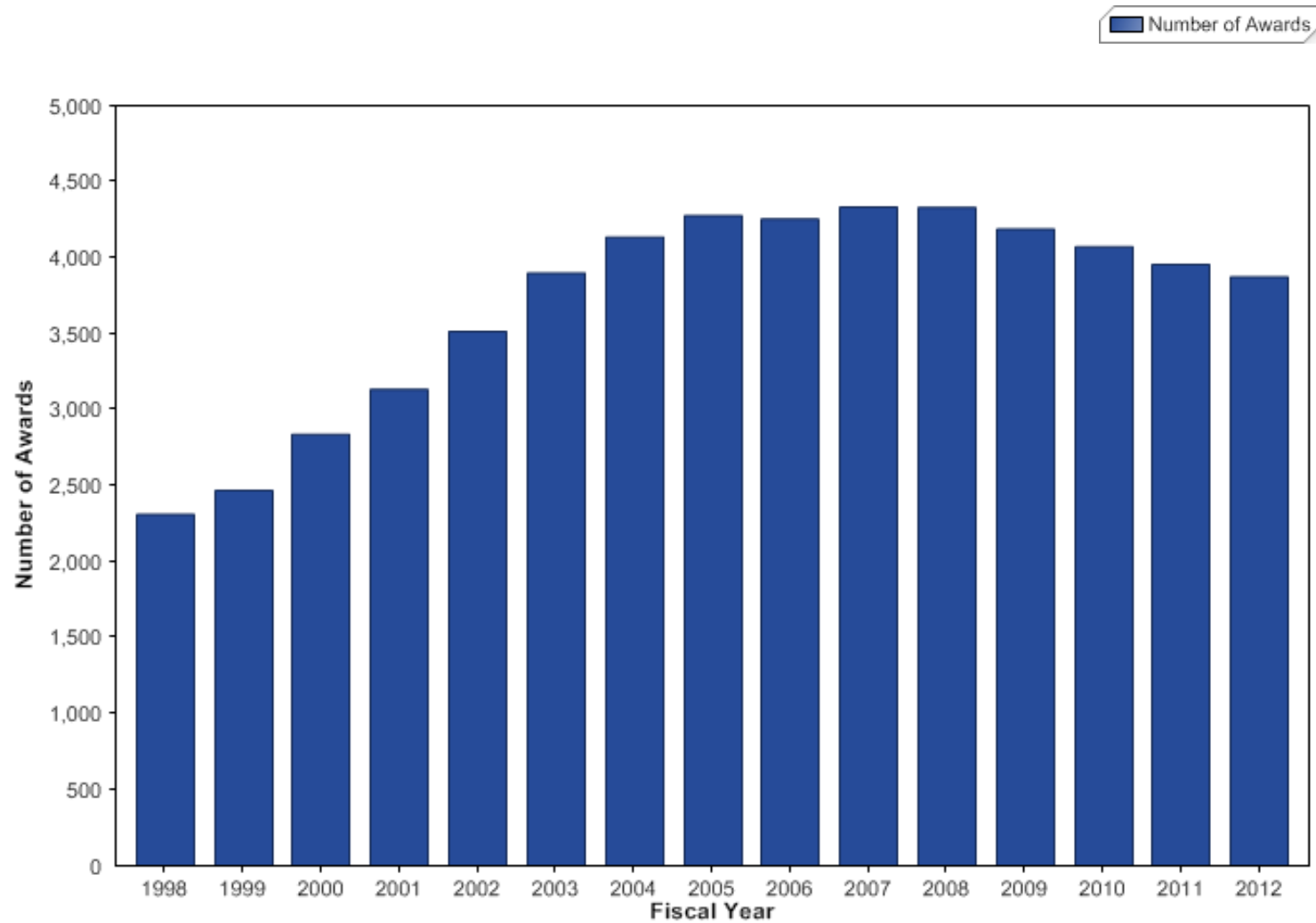
TRENDS IN RESEARCH CAREER DEVELOPMENT (K) AWARDS

Research Career Development Awards: Competing applications, awards, and success rates

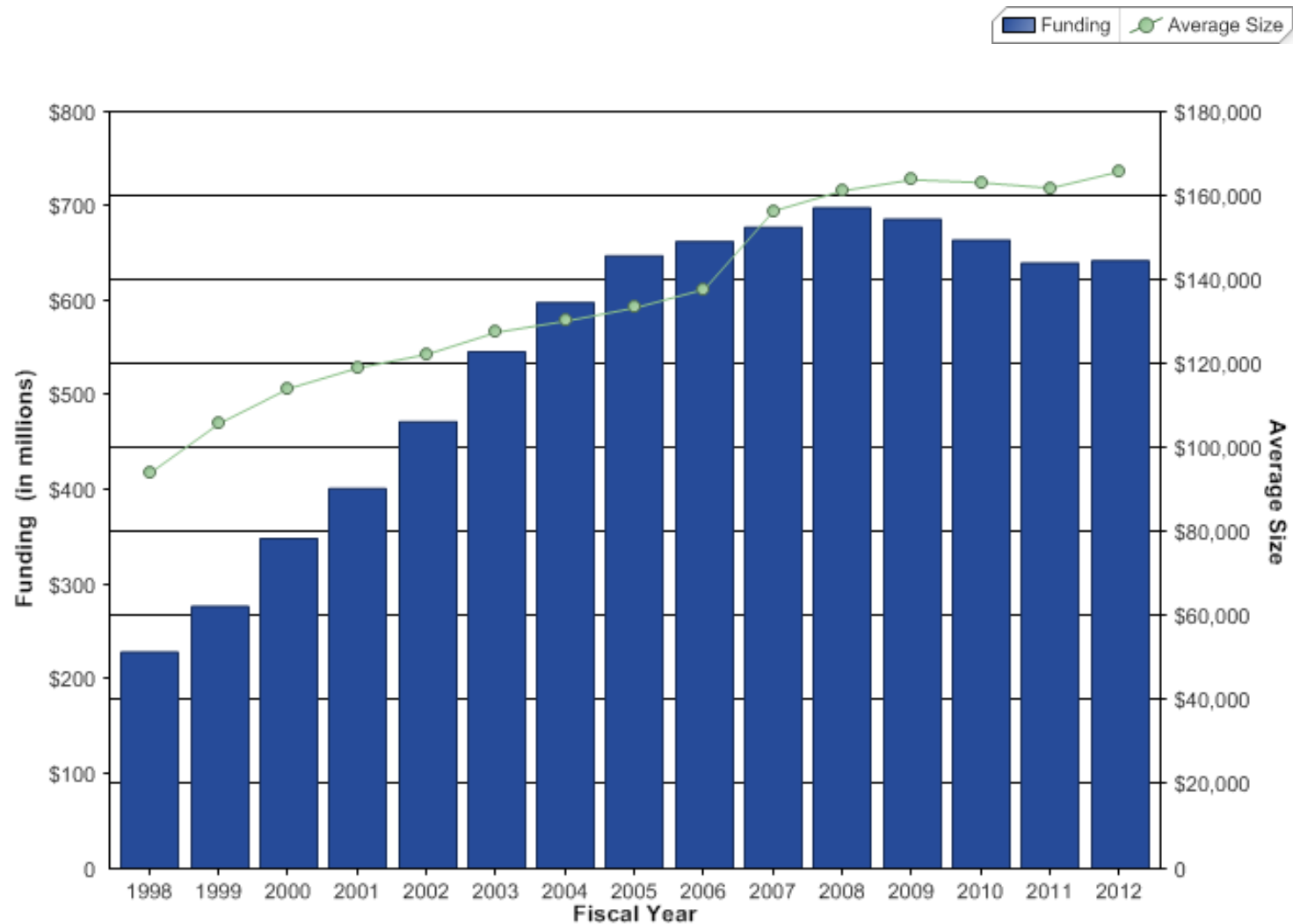
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Applications	1,029	1,082	1,464	1,921	1,783	2,009	2,147	2,642	2,962	2,712	3,340	2,832	2,518	2,825	2,848	2,940
K01	233	266	277	383	376	422	503	563	645	654	578	443	395	465	441	522
K02	117	111	90	98	116	106	100	114	112	93	67	72	73	65	64	54
K07	51	88	37	75	61	72	76	154	169	144	88	84	54	72	75	68
K08	557	536	479	496	515	560	592	669	676	635	524	509	466	480	425	371
K12	15	42	53	78	23	124	52	106	126	70	106	36	42	43	76	105
K22		8	55	111	87	117	143	146	171	173	149	115	111	124	88	103
K23		1	203	394	399	421	505	635	679	666	650	574	517	558	599	555
K24			185	172	128	108	89	120	149	127	133	97	87	105	87	111
K25				19	41	42	48	80	113	99	78	50	41	69	82	75
K99										1	893	795	703	778	832	911
All Other Ks	56	30	85	95	37	37	39	55	122	50	74	57	29	66	79	65
Awards	527	544	673	835	829	928	938	938	1,046	829	1,036	1,002	963	1,004	899	930
K01	82	90	107	137	160	179	216	179	198	180	183	172	144	185	151	168
K02	62	63	64	53	65	49	48	54	42	33	28	27	26	19	24	14
K07	25	39	16	31	22	28	27	31	37	35	23	29	21	16	19	5
K08	306	311	249	250	255	293	280	267	266	215	189	222	221	211	177	157
K12	15	19	19	19	10	44	24	33	35	24	48	19	22	21	24	49
K22		0	5	21	33	47	47	47	50	50	40	26	29	31	26	25
K23		1	86	192	184	196	214	226	232	180	217	216	227	211	203	203
K24			81	77	58	48	40	50	76	56	62	49	41	64	39	51
K25				8	23	22	20	24	37	31	27	24	9	21	19	19
K99										1	183	180	204	194	180	212
All Other Ks	37	21	46	47	19	22	22	27	73	24	36	38	19	31	37	27
Success Rates	51%	50%	46%	43%	46%	46%	44%	36%	35%	31%	31%	35%	38%	36%	32%	32%
K01	35%	34%	39%	36%	43%	42%	43%	32%	31%	28%	32%	39%	36%	40%	34%	32%
K02	53%	57%	71%	54%	56%	46%	48%	47%	38%	35%	42%	38%	36%	29%	38%	26%
K07	49%	44%	43%	41%	36%	39%	36%	20%	22%	24%	26%	34%	39%	22%	25%	7%
K08	55%	58%	52%	50%	50%	52%	47%	40%	39%	34%	36%	44%	47%	44%	42%	42%
K12	100%	45%	36%	24%	43%	35%	46%	31%	28%	34%	45%	53%	52%	49%	32%	47%
K22		0%	9%	19%	38%	40%	33%	32%	29%	29%	27%	23%	26%	25%	30%	24%
K23		100%	42%	49%	46%	47%	42%	36%	34%	27%	33%	38%	44%	38%	34%	37%
K24			44%	45%	45%	44%	45%	42%	51%	44%	47%	50%	47%	61%	45%	46%
K25				42%	56%	52%	42%	30%	33%	31%	35%	48%	22%	30%	23%	25%
K99										100%	20%	23%	29%	25%	22%	23%
All Other Ks	66%	70%	54%	49%	51%	59%	56%	49%	60%	48%	49%	67%	66%	47%	47%	42%



Research Career Development Awards

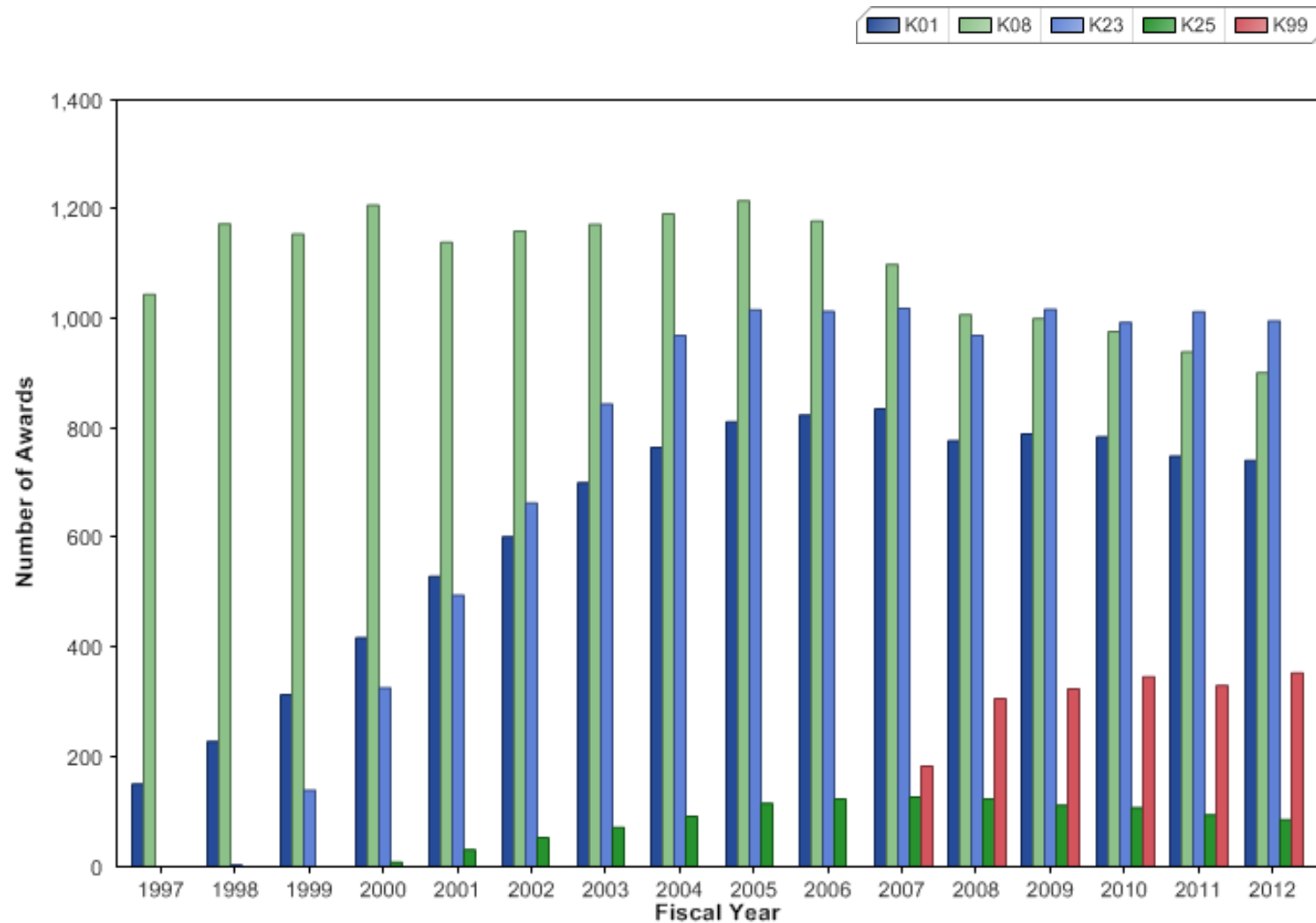


Research Career Development Awards Total funding and average size



Research Career Development Awards

Number of entry-level awards



Research Career Development Awards: Awards by Institute/Center FY 2010-2012

Institute / Center	2010		2011		2012	
	Awards	Amount	Awards	Amount	Awards	Amount
FIC	15	\$1,712,514	22	\$2,648,699	20	\$2,405,280
NCATS					67	\$48,088,878
NCCAM	46	\$6,021,064	47	\$6,055,413	46	\$6,034,096
NCI	453	\$75,083,078	439	\$73,832,380	422	\$73,008,886
NCRR	118	\$59,919,899	107	\$46,923,387		
NEI	64	\$12,797,296	68	\$14,301,470	67	\$13,203,490
NHGRI	4	\$647,685	5	\$490,170	9	\$1,017,007
NHLBI	596	\$82,265,745	576	\$79,014,467	563	\$80,159,163
NIA	237	\$31,146,194	225	\$29,764,849	220	\$28,992,040
NIAAA	93	\$14,345,498	94	\$14,588,447	95	\$14,770,729
NIAID	314	\$40,325,392	304	\$39,269,385	290	\$37,015,360
NIAMS	150	\$18,825,418	156	\$19,469,801	154	\$19,354,337
NIBIB	33	\$3,981,949	30	\$3,750,577	27	\$3,894,660
NICHD	295	\$64,122,903	285	\$58,059,716	296	\$59,242,877
NIDA	243	\$38,605,584	220	\$35,419,725	212	\$35,128,474
NIDCD	31	\$4,878,388	33	\$5,459,430	28	\$4,836,195
NIDCR	63	\$7,722,198	59	\$7,179,523	55	\$6,682,700
NIDDK	511	\$73,234,714	503	\$75,195,367	496	\$75,782,577
NIEHS	41	\$6,010,554	46	\$6,830,037	45	\$6,361,485
NIGMS	98	\$20,194,442	95	\$22,018,261	99	\$23,490,533
NIMH	401	\$62,273,049	386	\$60,297,157	382	\$59,468,928
NIMHD					2	\$375,025
NINDS	232	\$36,725,660	221	\$36,054,877	214	\$35,957,345
NINR	30	\$3,124,069	29	\$3,034,302	30	\$3,039,814
NLM	4	\$392,465	6	\$632,517	8	\$851,751
OD					28	\$3,247,640
NIH Total	4,072	\$664,355,758	3,956	\$640,289,957	3,875	\$642,409,270



Research Career Development Awards: Awards by Institute/Center FY 2003-2009

Institute / Center	2003		2004		2005		2006		2007		2008		2009	
	Awards	Amount	Awards	Amount	Awards	Amount	Awards	Amount	Awards	Amount	Awards	Amount	Awards	Amount
FIC	17	\$1,890,557	20	\$2,233,234			15	\$1,766,928	12	\$1,312,671	10	\$1,114,949	11	\$1,239,614
NCATS														
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
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
NIMHD									1	\$88,549	1	\$85,309		
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			5	\$749,589	13	\$1,997,306	20	\$3,021,099	18	\$2,539,332	12	\$1,559,729	6	\$628,693
OD														
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	2010	2011	2012
FIC		4	8	9	12	17	20	20	15	12	10	11	15	22	20
NCCAM		2	12	19	29	27	35	44	42	43	51	55	46	47	46
NCI	219	241	296	340	412	475	483	524	534	507	512	484	435	421	404
NIMHD										1	1				2
NCRR	18	20	62	91	125	154	166	146	140	135	102	74	55	43	
NEI	43	49	50	48	50	53	51	61	55	60	65	62	60	63	61
NHGRI	6	5	14	22	27	34	32	22	17	16	11	8	4	5	9
NHLBI	423	454	505	514	544	500	507	520	496	503	534	556	582	567	537
NIA	118	132	130	142	154	174	189	196	202	219	221	227	237	225	220
NIAAA	60	68	74	85	80	80	75	88	84	83	94	97	93	94	95
NIAID	214	206	243	246	274	286	316	329	318	315	301	311	314	304	290
NIAMS	66	75	91	109	118	126	136	136	142	150	160	154	150	156	154
NIBIB					4	9	17	21	25	32	35	33	33	30	27
NICHD	84	88	106	131	140	166	184	193	192	226	216	219	222	216	226
NIDA	149	154	163	181	193	226	239	245	244	255	254	248	240	217	208
NIDCD	43	41	44	45	42	39	42	43	40	41	37	32	31	33	28
NIDCR	32	37	41	57	69	89	85	96	83	79	79	75	63	59	54
NIDDK	190	234	277	323	382	448	469	491	511	524	528	511	509	496	488
NIEHS	18	17	29	40	43	42	46	41	35	43	47	39	39	44	44
NIGMS	10	13	21	26	33	35	56	55	60	76	92	75	82	80	82
NIMH	338	354	384	408	446	485	517	508	477	459	433	400	401	386	382
NINDS	206	191	182	180	191	212	235	266	281	284	298	274	225	214	204
NINR	24	28	32	31	33	31	32	24	23	30	32	32	30	29	30
NLM	1						5	13	20	18	12	6	4	6	8
OD															28
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	3,870	3,757	3,647



Individual Research Career Development Awards: Funding by Institute / Center, sorted by average amount

Legend:-



Institute / Center	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
FIC	0	4	8	9	12	17	20	20	15	12	10	11	15	22	20
NCCAM		2	12	19	29	27	35	44	42	43	51	55	46	47	46
NCI	219	241	296	340	412	475	483	524	534	507	512	484	435	421	404
NCRR	18	20	62	91	125	154	166	146	140	135	102	74	55	43	
NEI	43	49	50	48	50	53	51	61	55	60	65	62	60	63	61
NHGRI	6	5	14	22	27	34	32	22	17	16	11	8	4	5	9
NHLBI	423	454	505	514	544	500	507	520	496	503	534	556	582	567	537
NIA	118	132	130	142	154	174	189	196	202	219	221	227	237	225	220
NIAAA	60	68	74	85	80	80	75	88	84	83	94	97	93	94	95
NIAID	214	206	243	246	274	286	316	329	318	315	301	311	314	304	290
NIAMS	66	75	91	109	118	126	136	136	142	150	160	154	150	156	154
NIBIB					4	9	17	21	25	32	35	33	33	30	27
NICHD	84	88	106	131	140	166	184	193	192	226	216	219	222	216	226
NIDA	149	154	163	181	193	226	239	245	244	255	254	248	240	217	208
NIDCD	43	41	44	45	42	39	42	43	40	41	37	32	31	33	28
NIDCR	32	37	41	57	69	89	85	96	83	79	79	75	63	59	54
NIDDK	190	234	277	323	382	448	469	491	511	524	528	511	509	496	488
NIEHS	18	17	29	40	43	42	46	41	35	43	47	39	39	44	44
NIGMS	10	13	21	26	33	35	56	55	60	76	92	75	82	80	82
NIMH	338	354	384	408	446	485	517	508	477	459	433	400	401	386	382
NIMHD										1	1				2
NINDS	206	191	182	180	191	212	235	266	281	284	298	274	225	214	204
NINR	24	28	32	31	33	31	32	24	23	30	32	32	30	29	30
NLM	1						5	13	20	18	12	6	4	6	8
OD															28
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	3,870	3,757	3,647

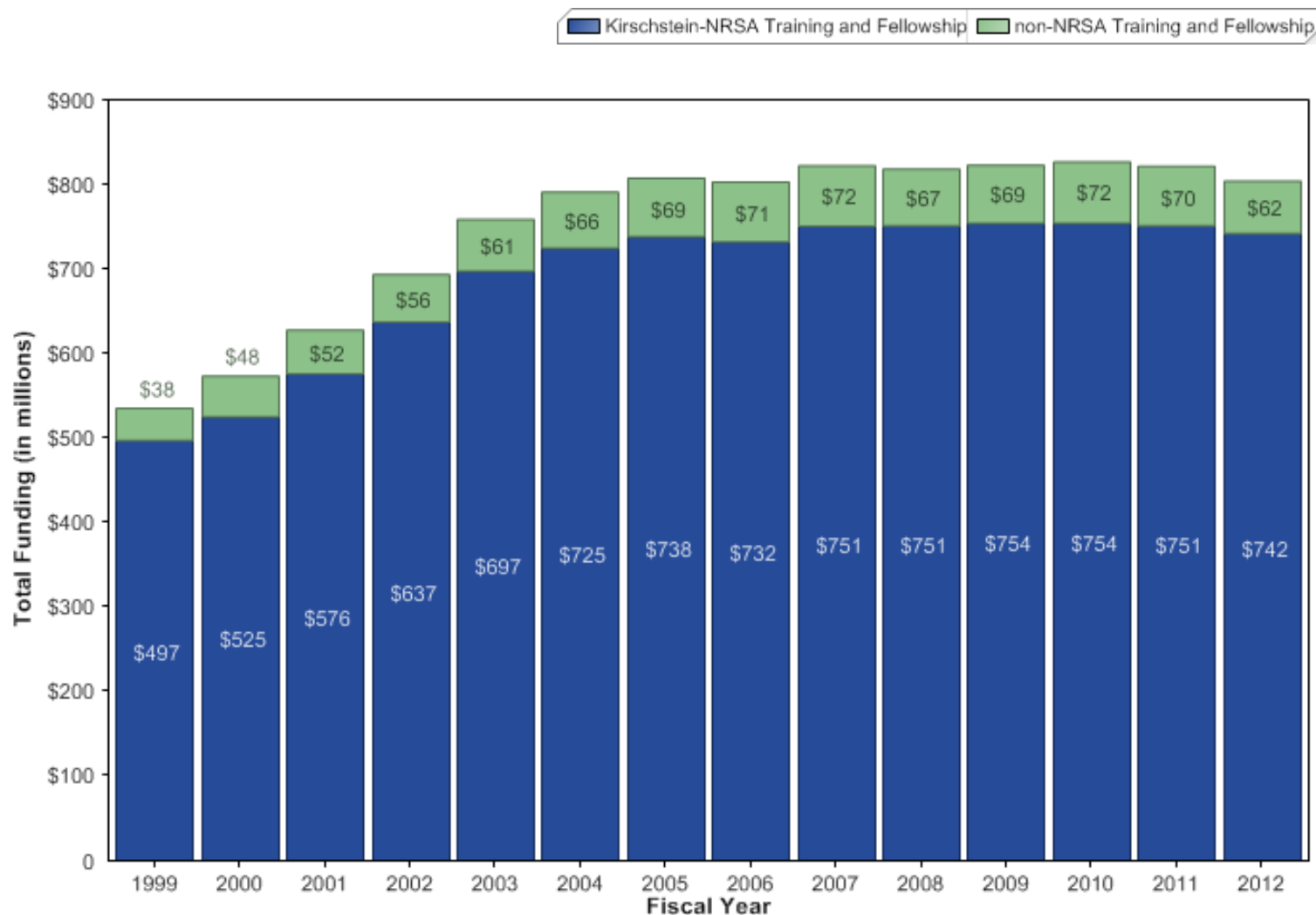




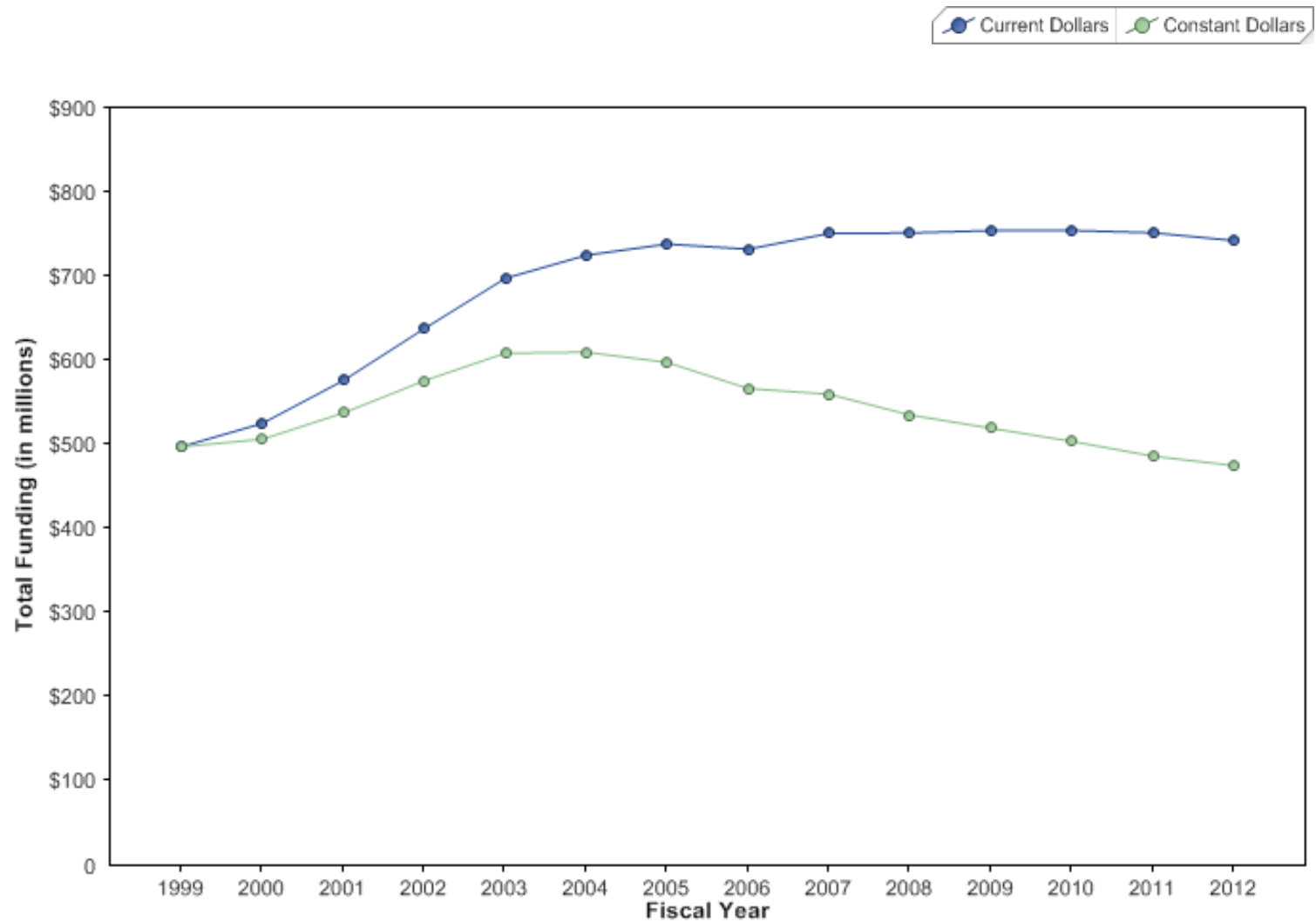
NIH RESEARCH TRAINING GRANTS AND FELLOWSHIPS



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



NIH Research Training Grants and Fellowships

Kirschstein-NRSA training grants and fellowships: Funding by activity

FY 1998- 2009

Type	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
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	
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		
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



NIH Research Training Grants and Fellowships

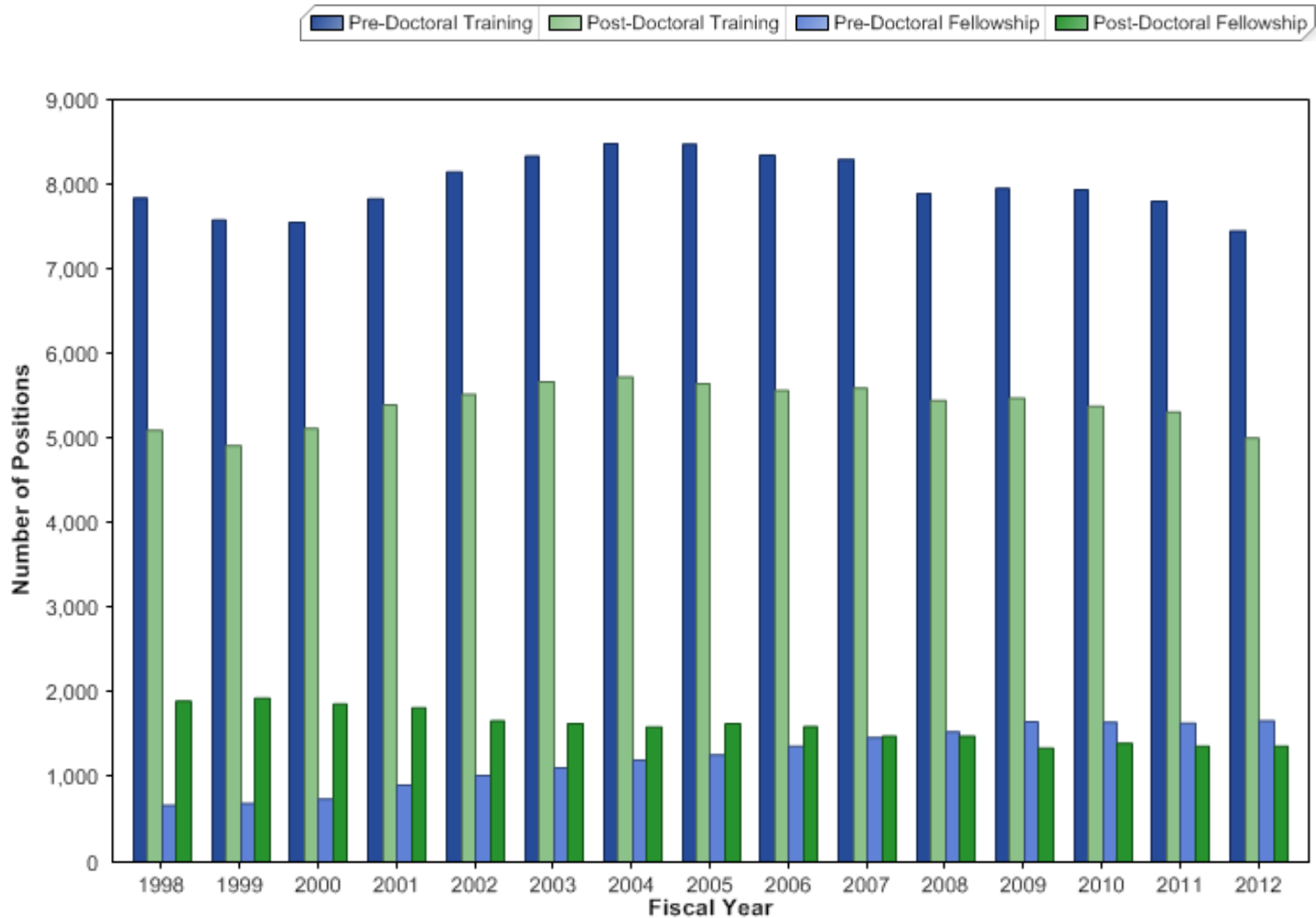
Kirschstein-NRSA training grants and fellowships: Funding by activity

FY 2010- 2012

Type	2010	2011	2012
F30	\$15,253,640	\$15,697,225	\$16,316,709
F31	\$40,341,205	\$41,335,183	\$42,468,078
F32	\$70,010,439	\$70,338,146	\$70,331,404
F33	\$89,619	\$108,646	\$474,695
F34			
T32	\$577,320,176	\$570,189,349	\$556,708,314
T34	\$22,544,118	\$22,400,781	\$21,960,058
T35	\$6,339,119	\$6,315,948	\$6,859,469
T36	\$8,534,336	\$9,186,074	\$9,733,709
T90	\$1,451,524	\$4,066,103	\$6,331,709
TL1	\$12,212,793	\$11,630,583	\$10,952,513
TU2			
Total Funding	\$754,096,969	\$751,268,038	\$742,136,658

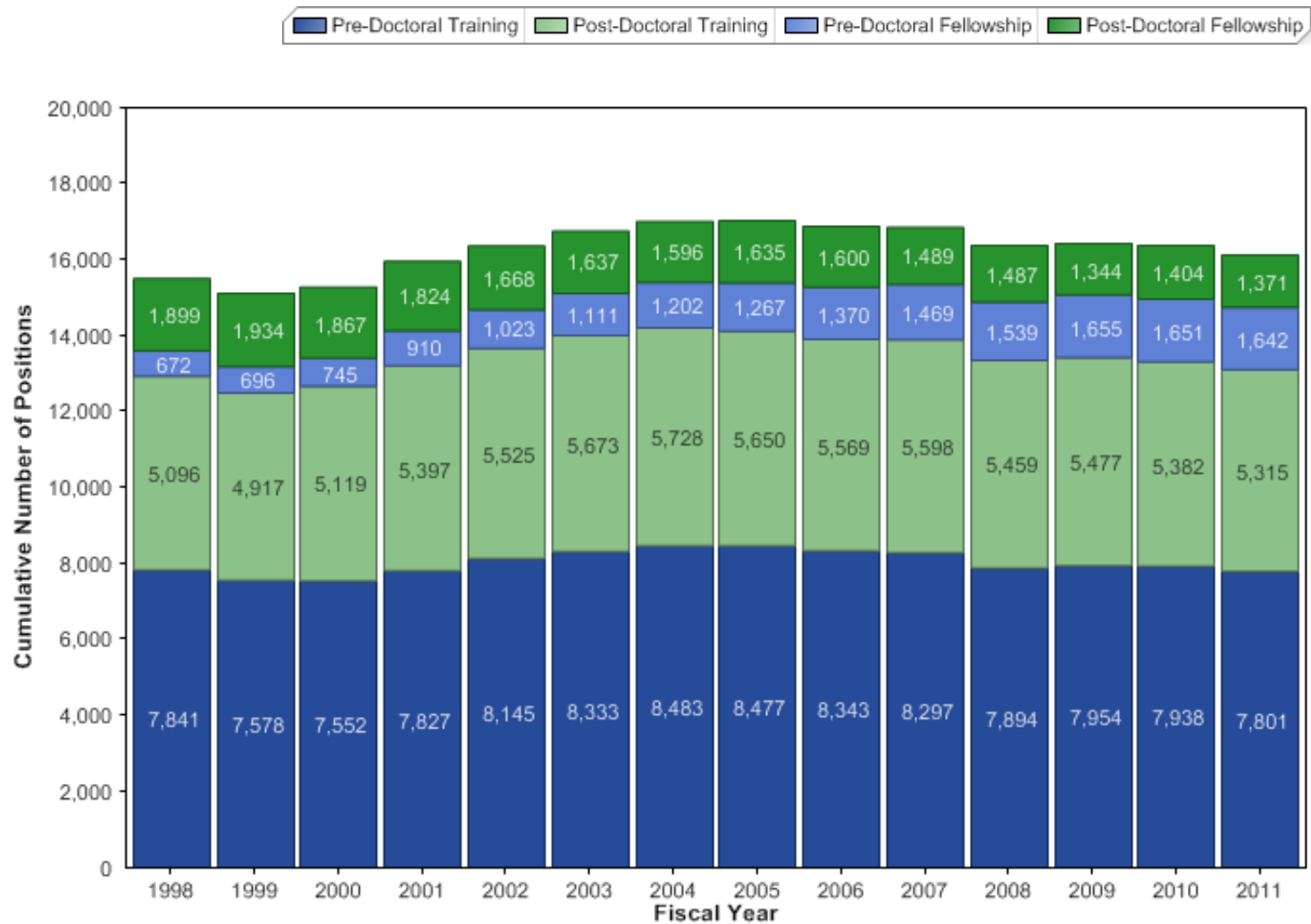


Kirschstein-NRSA training grants and fellowships Pre- and Post-Doctoral full-time training positions awarded

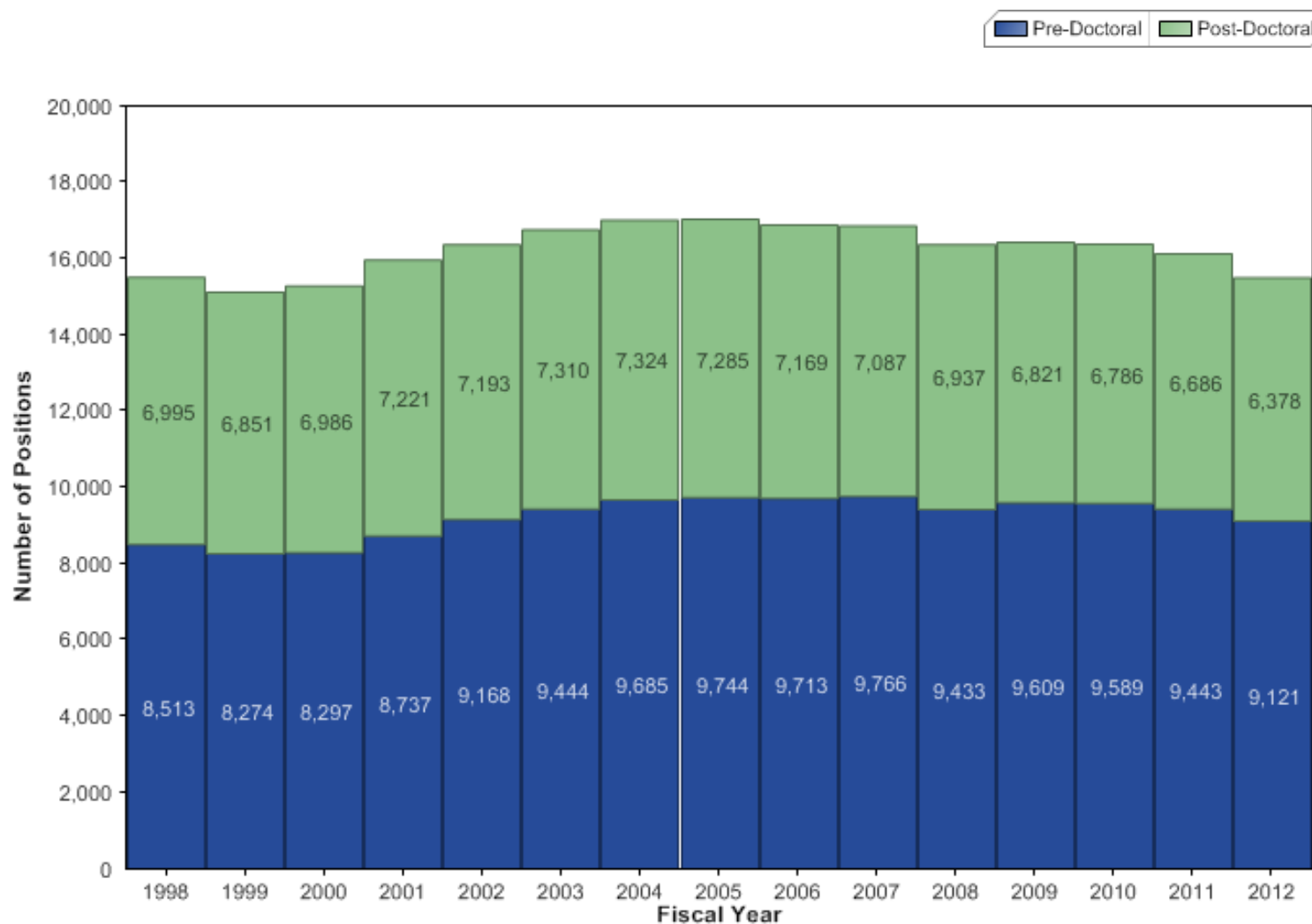


Kirschstein-NRSA training grants and fellowships

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



NIH Research Training Grants and Fellowships

Kirschstein-NRSA training grants and fellowships: Full-time training positions awarded, by Institute/Center, FY 2012

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

Career Stage	NIGMS	NIAID	NHLBI	NCI	NINDS	NIMH	NIA	NICHD	NIEHS	NIDA	NIDDK	NIDCD	NIBIB	NIAAA	NINR	NEI	NHGRI	NIDCR	NIAMS	NCCAM	OD
Pre-Doctoral	3,832	587	570	490	460	455	359	352	304	286	281	184	180	152	143	136	133	118	65	20	14

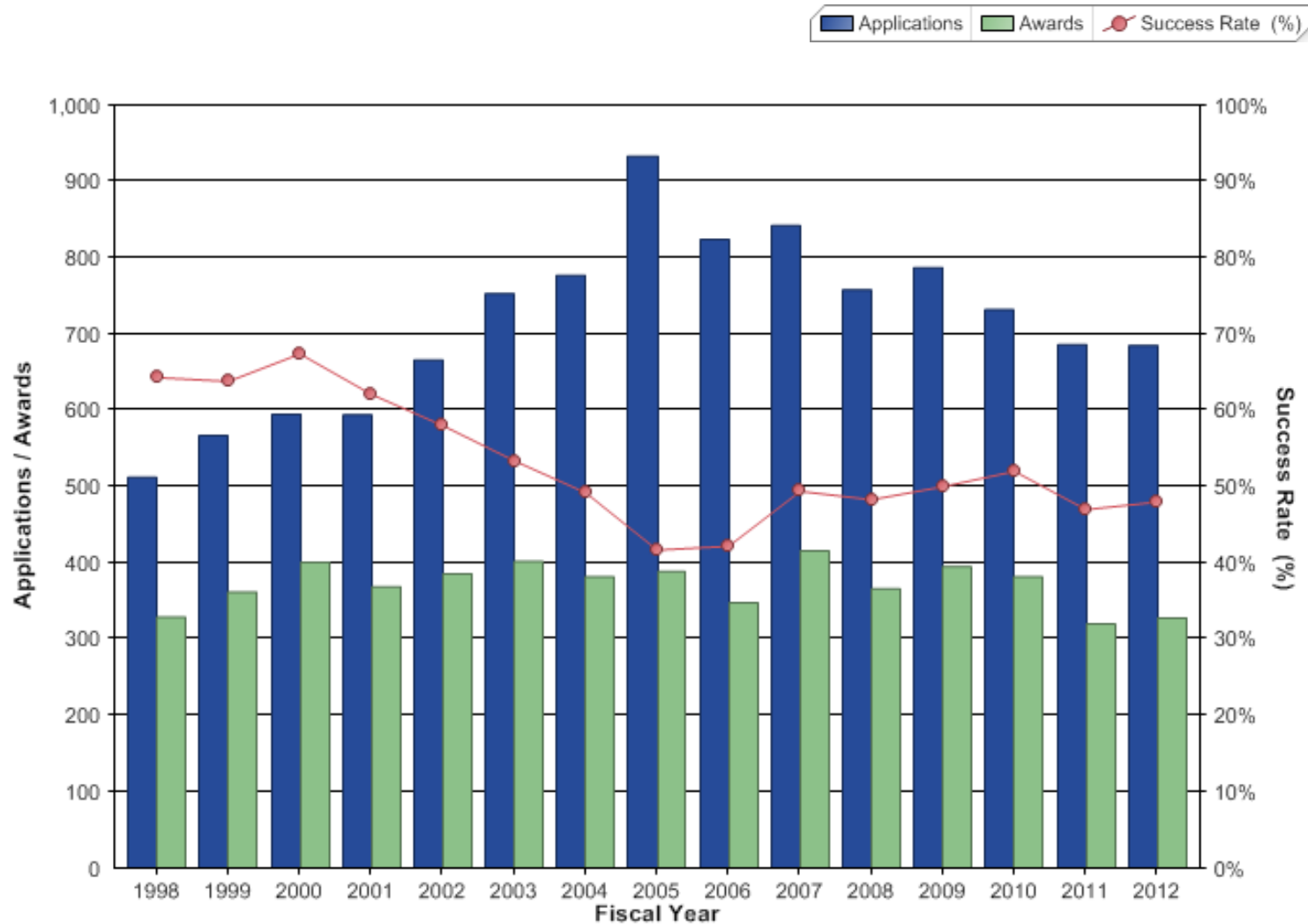
Career Stage	NHLBI	NCI	NIDDK	NIAID	NIGMS	NIMH	NICHD	NINDS	NIDA	NIA	NIAMS	NIEHS	NIAAA	NIDCD	NEI	OD	NIBIB	NINR	NCCAM	NHGRI	NIDCR
Post-Doctoral	1,193	844	784	576	517	429	339	284	231	208	192	162	117	114	93	80	57	56	35	34	33

Career Stage	NIGMS	NHLBI	NCI	NIAID	NIDDK	NIMH	NINDS	NICHD	NIA	NIDA	NIEHS	NIDCD	NIAAA	NIAMS	NIBIB	NEI	NINR	NHGRI	NIDCR	OD	NCCAM	NIH
Pre-Doctoral	3,832	570	490	587	281	455	460	352	359	286	304	184	152	65	180	136	143	133	118	14	20	9,121
Post-Doctoral	517	1,193	844	576	784	429	284	339	208	231	162	114	117	192	57	93	56	34	33	80	35	6,378
Total FTTPs	4,349	1,763	1,334	1,163	1,065	884	744	691	567	517	466	298	269	257	237	229	199	167	151	94	55	15,499

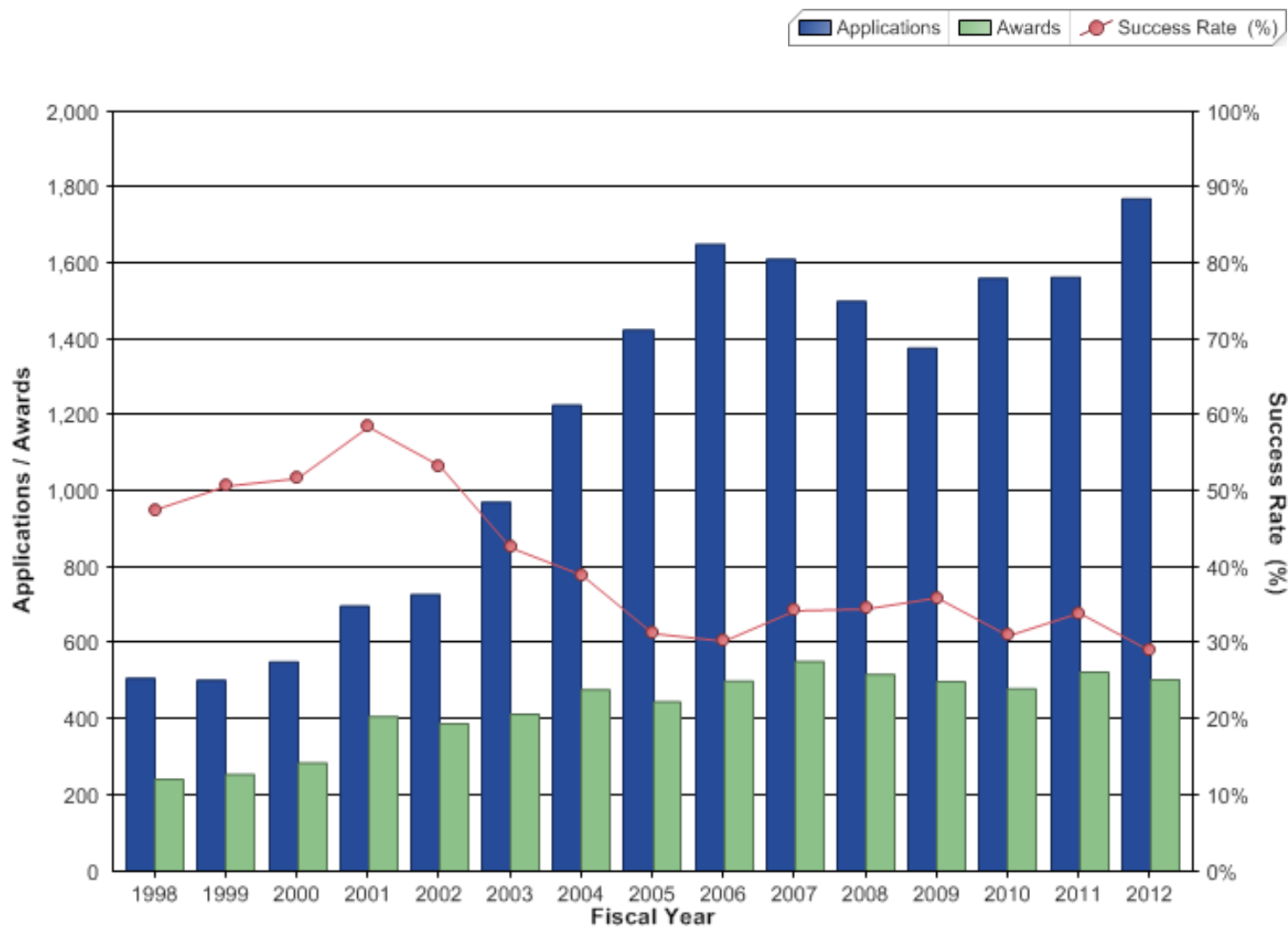


Kirschstein-NRSA institutional research training grants

Applications, awards, and success rates

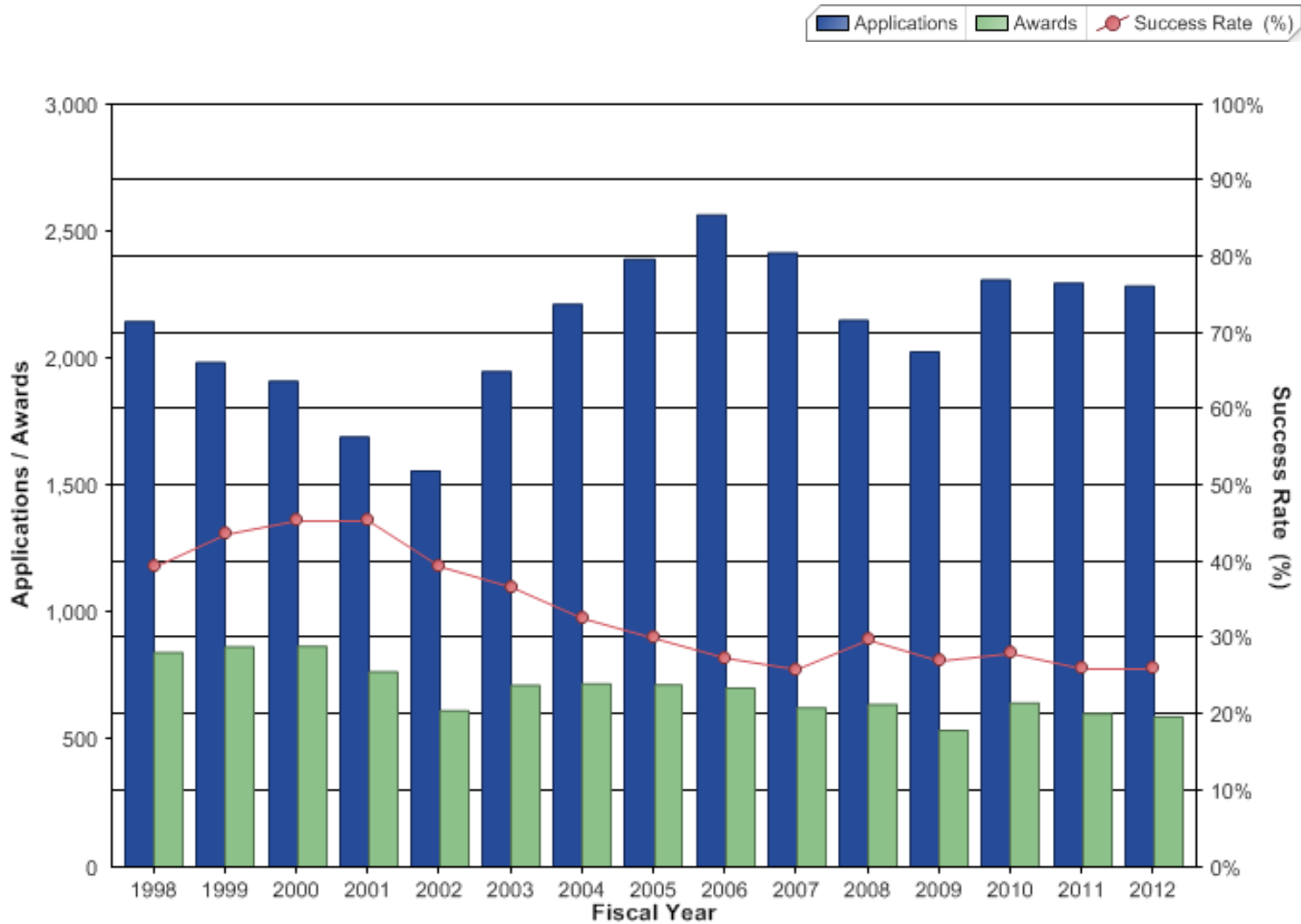


Kirschstein-NRSA pre-doctoral fellowships (F31s) Applications, awards, and success rates



Kirschstein-NRSA post-doctoral fellowships (F32s)

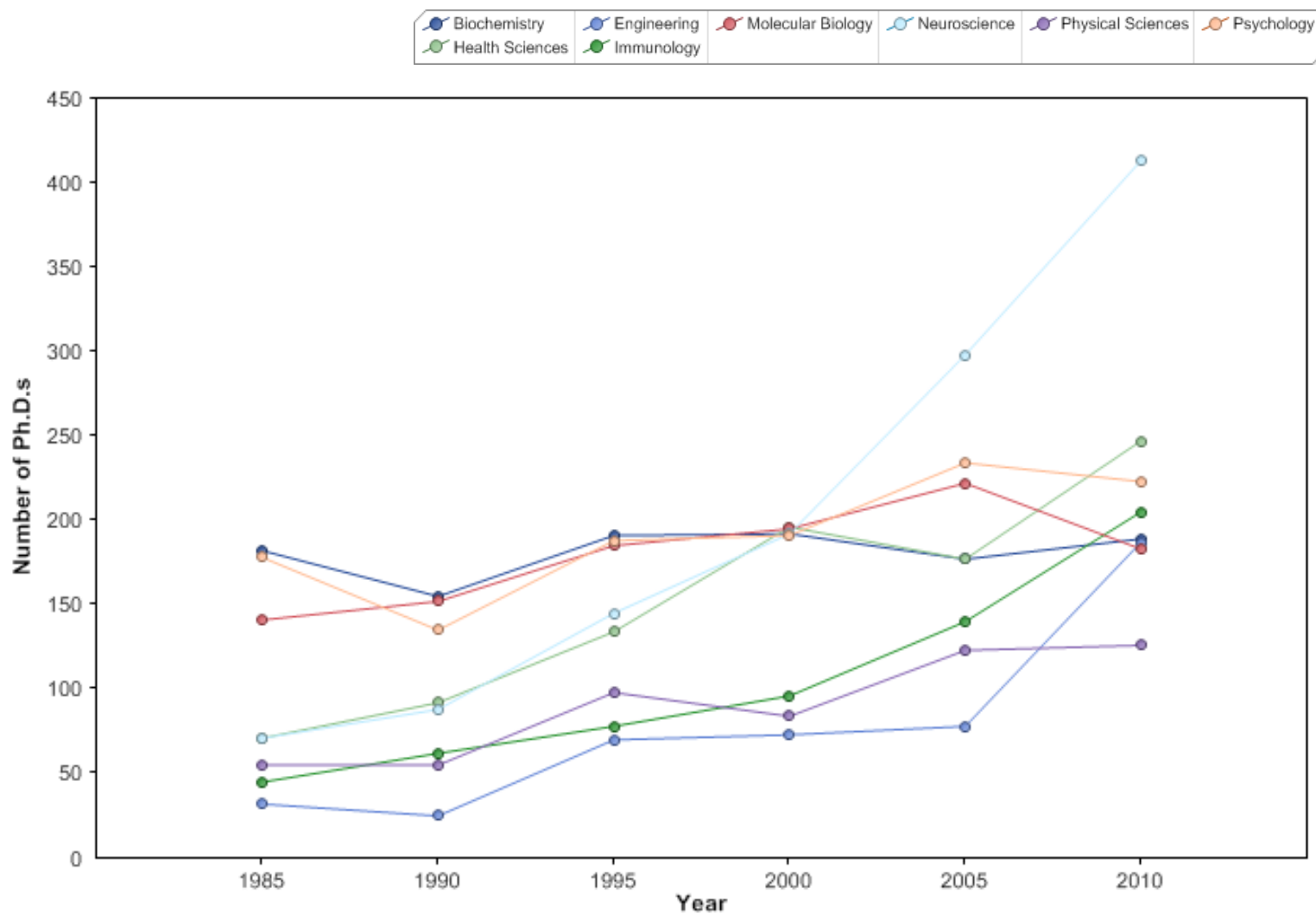
Applications, awards, and success rates





NIH-SUPPORTED DOCTORATE RECIPIENTS

Trends in major fields of study of NIH-supported Ph.D. recipients



NIH-Supported Ph.D. Recipients

NIH-Supported Ph.D. recipients, by field of study

Ph.D. Field of Study	Total Number of 2010 Ph.D.s	NIH Supported Ph.D. Recipients	% of Total Supported by the NIH
Life Sciences	11,227	2,442	21.8%
Agricultural Sciences/Natural Resources	1,102	2	0.2%
Environmental Science	157	1	0.6%
Food Science	100	1	1.0%
Biological/Biomedical Sciences	8,013	2,193	27.4%
Anatomy	25	1	4.0%
Bacteriology	24	10	41.7%
Biochemistry	865	189	21.8%
Bioinformatics	122	25	20.5%
Biology/Biological Sciences, General	186	50	26.9%
Biology/Biomedical Sciences, Other	83	13	15.7%
Biomedical Sciences	288	72	25.0%
Biometrics & Biostatistics	127	31	24.4%
Biophysics	172	68	39.5%
Biotechnology	22	5	22.7%
Botany/Plant Biology	110	6	5.5%
Cancer Biology	300	104	34.7%
Cell/Cellular Biology and Histology	361	121	33.5%
Computational Biology	69	18	26.1%
Developmental Biology/Embryology	192	59	30.7%
Ecology	431	5	1.2%
Endocrinology	23	4	17.4%
Entomology	123	1	0.8%
Evolutionary Biology	214	21	9.8%
Genetics/Genomics, Human and Animal	380	129	33.9%
Immunology	451	205	45.5%
Microbiology	490	128	26.1%
Molecular Biology	701	183	26.1%
Neurosciences	953	413	43.3%
Nutritional Sciences	180	25	13.9%
Parasitology	36	15	41.7%
Pathology, Human & Animal	79	26	32.9%
Pharmacology, Human & Animal	290	97	33.4%
Physiology, Human & Animal	258	70	27.1%
Plant Genetics	52	6	11.5%
Plant Pathology/Phytopathology	19	1	5.3%
Structural Biology	53	15	28.3%
Toxicology	99	28	28.3%
Virology	135	48	35.6%
Zoology	72	1	1.4%



NIH-Supported Ph.D. Recipients

NIH-Supported Ph.D. recipients, by field of study (cont'd)

Ph.D. Field of Study	Total Number of 2009 Ph.D.s	NIH Supported Ph.D. Recipients	NIH Supported Ph.D.s as a % of Total
Health Sciences	2,112	247	11.7%
Environmental Health	66	6	9.1%
Epidemiology	324	90	27.8%
Gerontology	10	1	10.0%
Health Sciences, Other	103	8	7.8%
Health Systems/Services Administration	75	2	2.7%
Kinesiology/Exercise Science	215	5	2.3%
Medicinal/Pharmaceutical Sciences	275	20	7.3%
Nursing Science	480	49	10.2%
Oral Biology/Oral Pathology	15	3	20.0%
Public Health	295	42	14.2%
Rehabilitation/Therapeutic Services	60	4	6.7%
Speech-Lang. Pathology & Audiology	100	10	10.0%
Veterinary Sciences	57	7	12.3%
Social Sciences & Psychology	7,753	284	3.7%
Psychology	3,421	223	6.5%
Clinical Psychology	1,152	83	7.2%
Cognitive Psychology and Psycholinguistics	220	28	12.7%
Counseling	409	2	0.5%
Developmental and Child Psychology	191	28	14.7%
Experimental Psychology	142	9	6.3%
Human Development & Family Studies	145	8	5.5%
Personality Psychology	22	2	9.1%
Physiological/Psychobiology	82	27	32.9%
Psychology, General	184	8	4.3%
Psychology, Other	199	6	3.0%
Psychometrics and Quantitative Psychology	37	3	8.1%
Social Psychology	210	19	9.0%
Social Sciences	4,332	61	1.4%
Anthropology	509	2	0.4%
Demography/Population Studies	13	4	30.8%
Economics	1,038	11	1.1%
Linguistics	241	2	0.8%
Public Policy Analysis	243	6	2.5%
Social Sciences, General	48	1	2.1%
Social Sciences, Other	108	2	1.9%
Sociology	638	33	5.2%



NIH-Supported Ph.D. Recipients

NIH-Supported Ph.D. recipients, by field of study (cont'd)

Ph.D. Field of Study	Total Number of 2009 Ph.D.s	NIH Supported Ph.D. Recipients	NIH Supported Ph.D.s as a % of Total
Physical Sciences	8,319	126	1.5%
Chemistry	2,306	72	3.1%
Analytical Chemistry	402	15	3.7%
Chemistry, General	270	7	2.6%
Chemistry, Other	168	16	9.5%
Inorganic Chemistry	295	7	2.4%
Organic Chemistry	600	20	3.3%
Physical Chemistry	359	4	1.1%
Polymer Chemistry	126	2	1.6%
Theoretical Chemistry	86	1	1.2%
Computer Sciences	1,665	5	0.3%
Computer Science	1,357	2	0.1%
Computer and Information Science, Other	120	3	2.5%
Mathematics	1,589	22	1.4%
Analysis and Functional Analysis	141	1	0.7%
Applied Mathematics	400	6	1.5%
Mathematics/Statistics, General	163	1	0.6%
Mathematics/Statistics, Other	83	2	2.4%
Statistics	327	12	3.7%
Physics	1,629	26	1.6%
Applied Physics	143	1	0.7%
Atomic/Molecular/Chemical Physics	106	1	0.9%
Biophysics	124	10	8.1%
Medical Physics/Radiological Science	61	9	14.8%
Optics/Phototonics	146	1	0.7%
Physics, General	216	1	0.5%
Physics, Other	90	3	3.3%
Other Physical Sciences	1,130	1	0.1%
Oceanography, Chemical and Physical	87	1	1.1%
Engineering	7,552	187	2.5%
Bioengineering & Biomedical	826	138	16.7%
Chemical	821	26	3.2%
Electrical, Electronics and Communications	1,776	13	0.7%
Engineering Mechanics	47	1	2.1%
Environmental Health Engineering	113	1	0.9%
Materials Science	670	2	0.3%
Mechanical	987	4	0.4%
Systems	68	1	1.5%
Engineering, Other	128	1	0.8%
Education	5,294	11	0.2%
Humanities	4,979	5	0.1%
Other Fields	2,887	18	0.6%
Total	48,011	3,073	6.4%



NIH-Supported Ph.D. Recipients

Characteristics of NIH-supported Ph.D. recipients

Median Time to Degree for Trainees*	6.3 years
Completion Rate for Trainees*	77.2%
Median Age at Ph.D.†	30
Post-Graduation Plans‡	
Definite Plans for a Post-doc	49.9%
Definite Plans for Employment	12.7%
Indefinite	21.7%
Other	15.7%
Gender†	
Female	54.6%
Male	45.4%
Race/Ethnicity†	
American Indian/Alaska Native	0.3%
Asian	10.9%
African American	5.2%
Hispanic	6.9%
White	72.7%
Other (including Multi-racial)	3.4%
Unknown	0.6%
Disability Status‡	
No Disability	93.8%
Disability	3.0%
Unknown	3.2%
Percent Married at Ph.D.†	
Female	43.1%
Male	46.6%
Percent with Children at Ph.D.†	
Female	17.1%
Male	20.8%



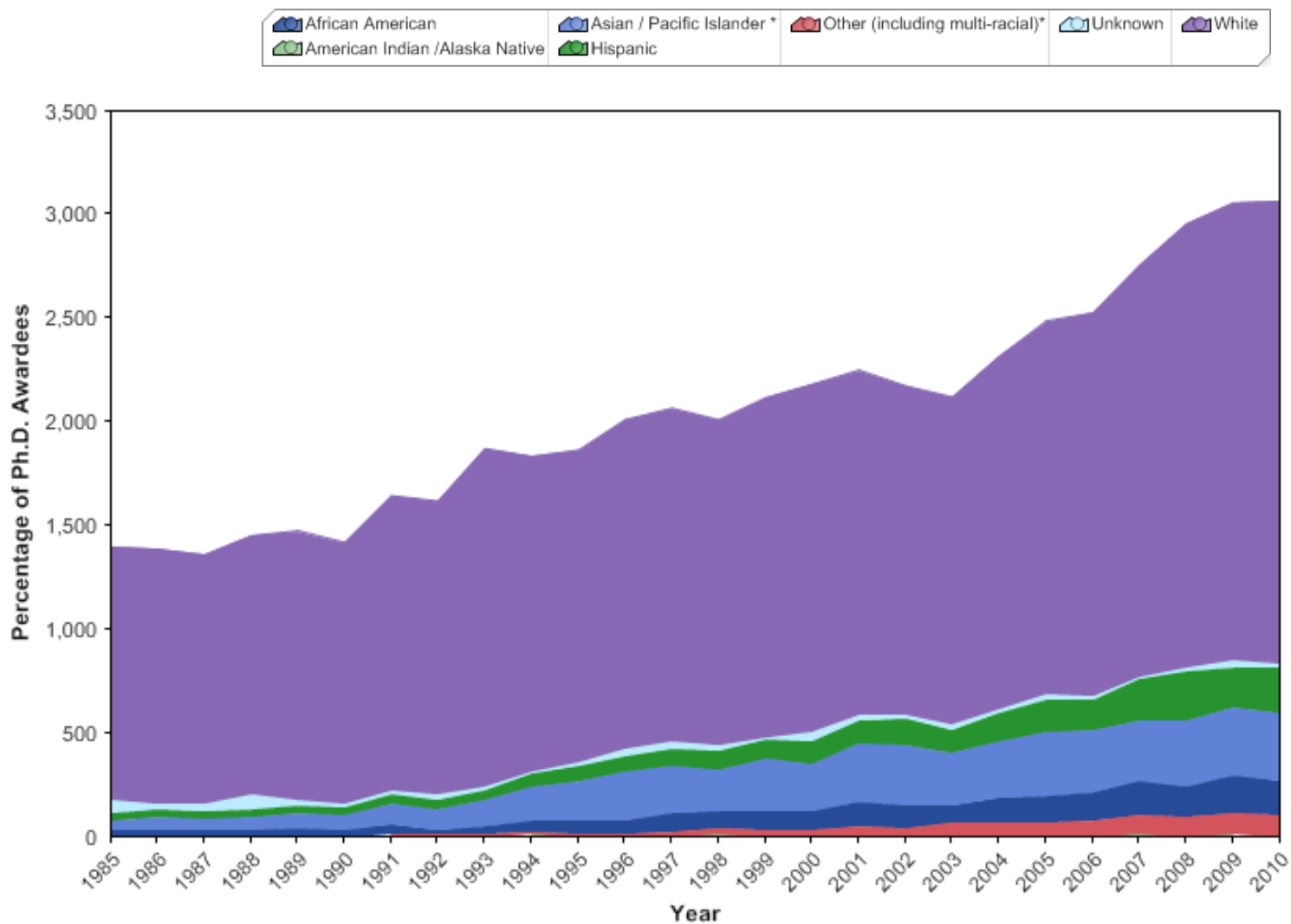
NIH-Supported Ph.D. Recipients

NIH Grant Activity of Various Groups of Ph.D. Recipients Within 15 Years of Degree

Type	Applied for NIH Research Project Grants*	Received NIH Research Project Grants*
Former Kirschstein-NRSA Trainees and Fellows	38.9%	24.9%
Ph.Ds from the Same Fields and Institutions	13.5%	7.0%
Ph.D.s from the Same Fields and Institutions Without NIH Training Grants	6.3%	2.7%



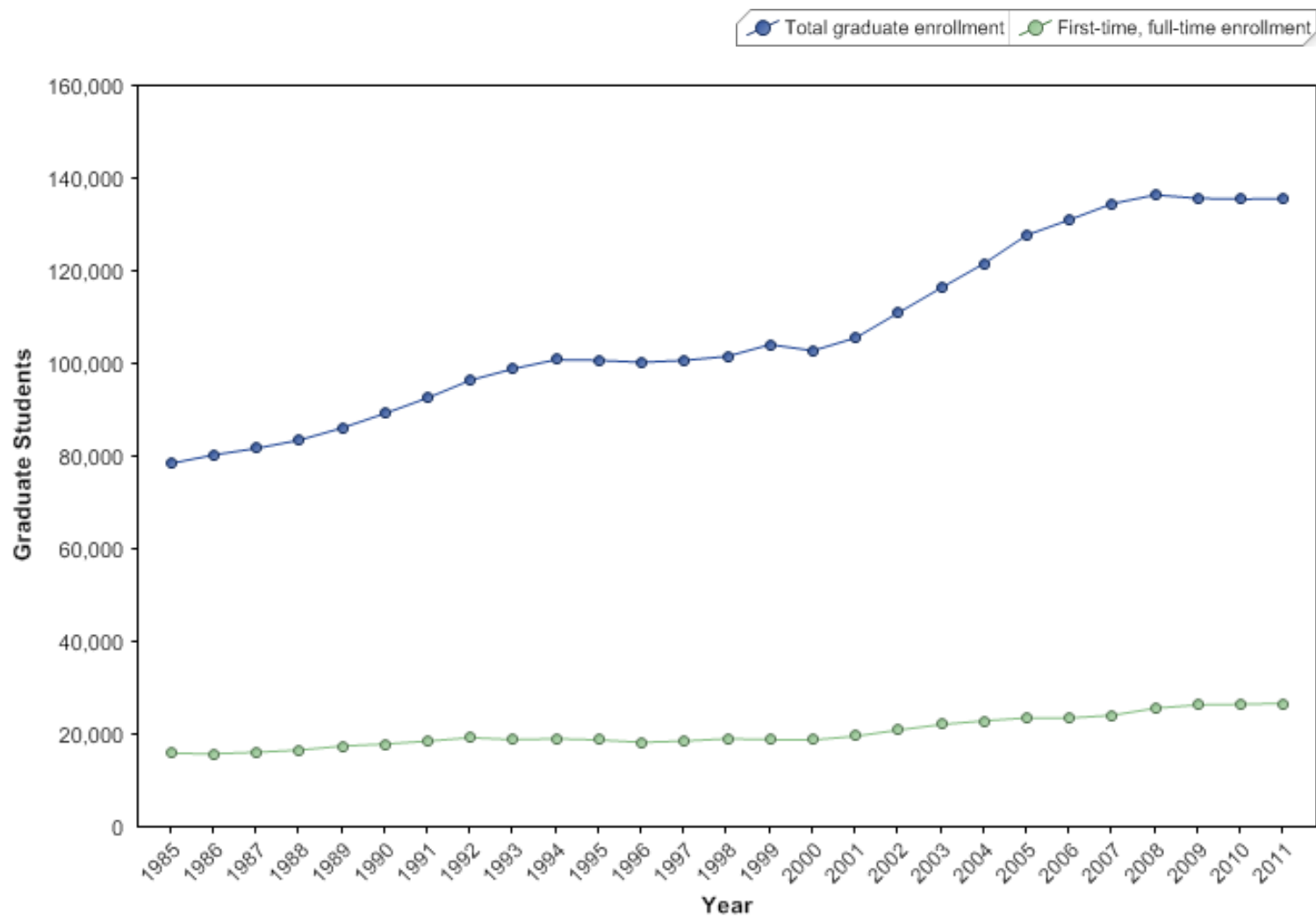
Trends in race/ethnicity of NIH-supported Ph.D. recipients



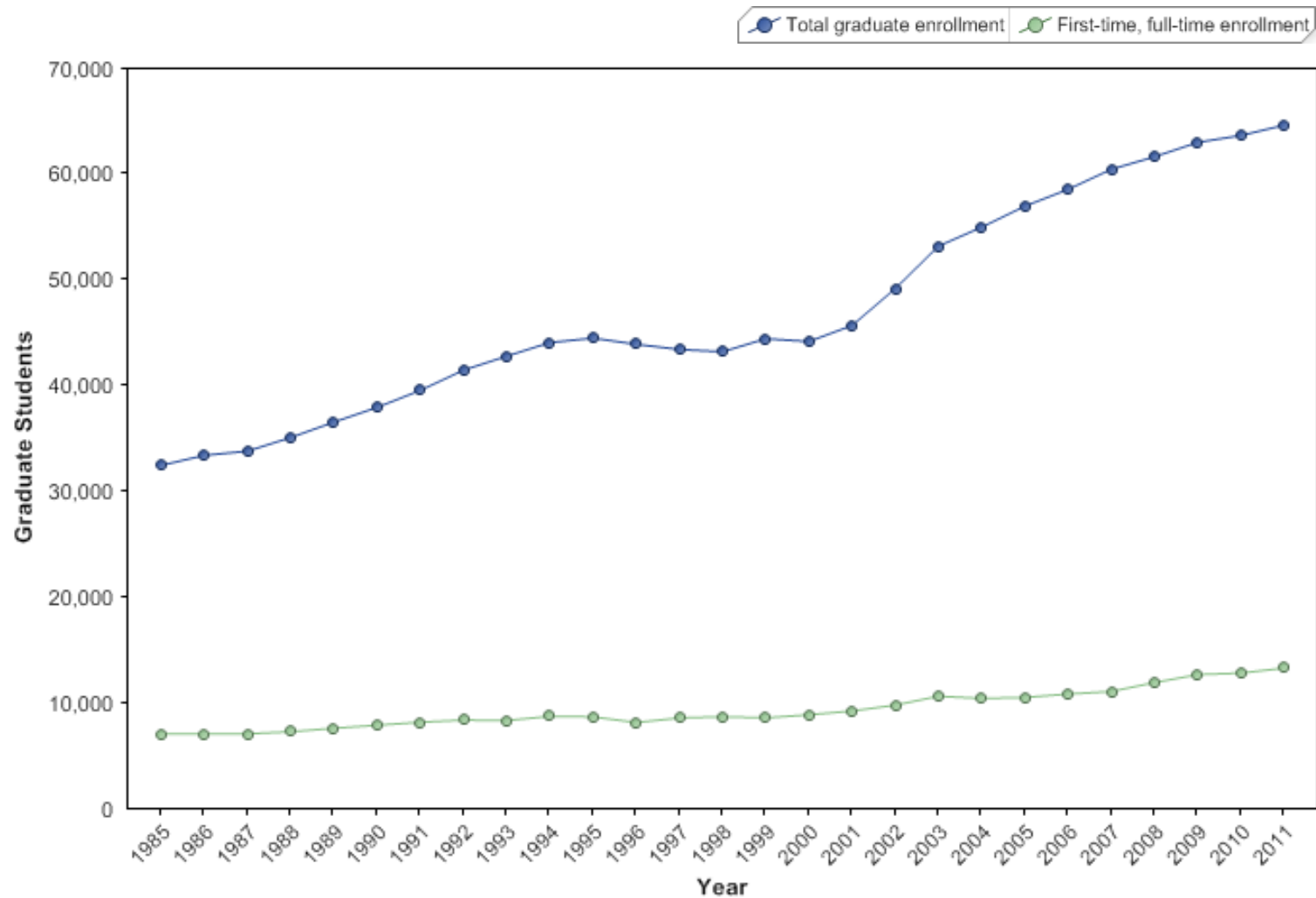


NATIONAL STATISTICS ON GRADUATE STUDENTS IN THE BIOMEDICAL, BEHAVIORAL, SOCIAL, AND CLINICAL SCIENCES

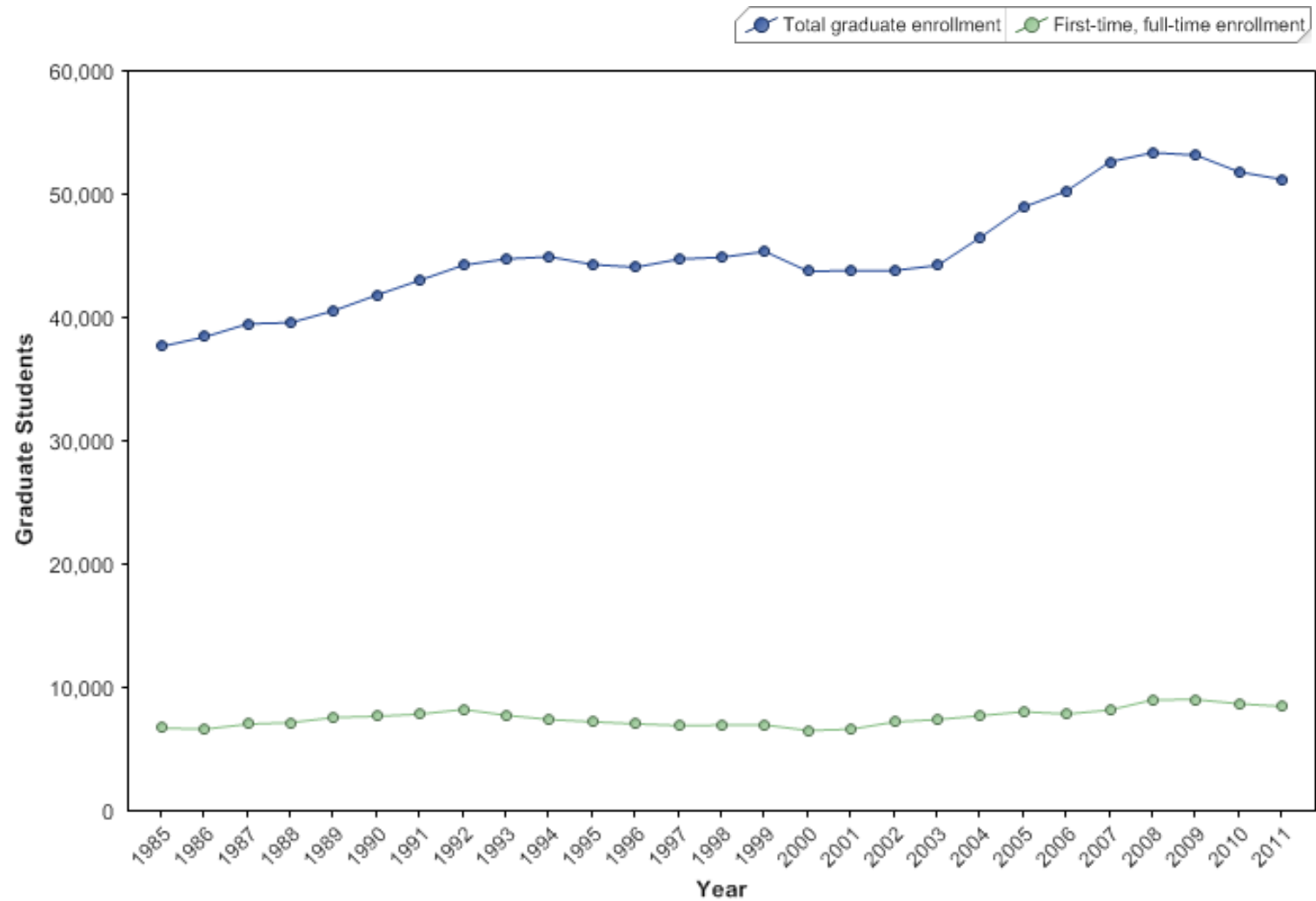
Total graduate enrollment and first-time, full-time enrollment



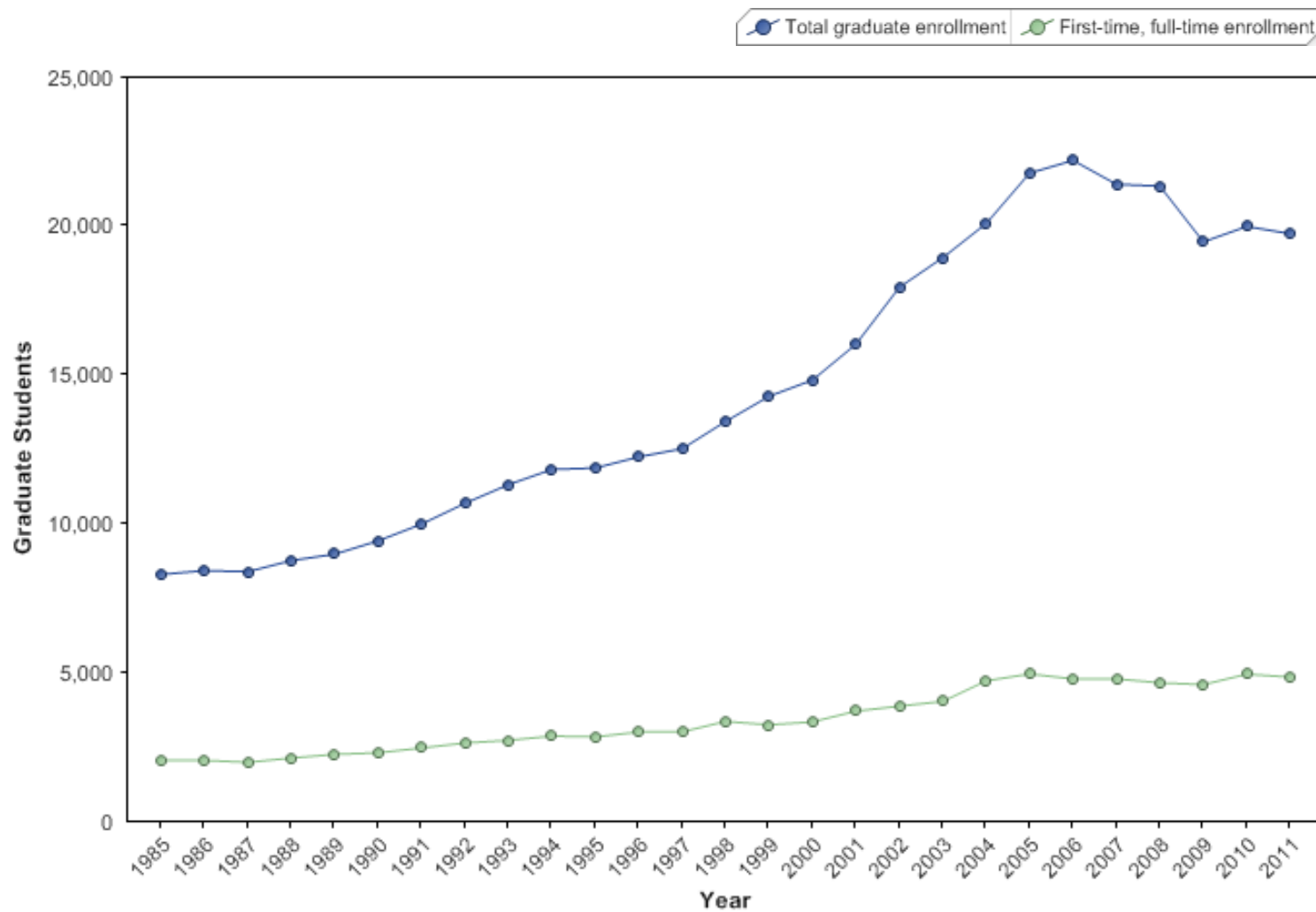
Total graduate enrollment and first-time, full-time enrollment in the biomedical sciences



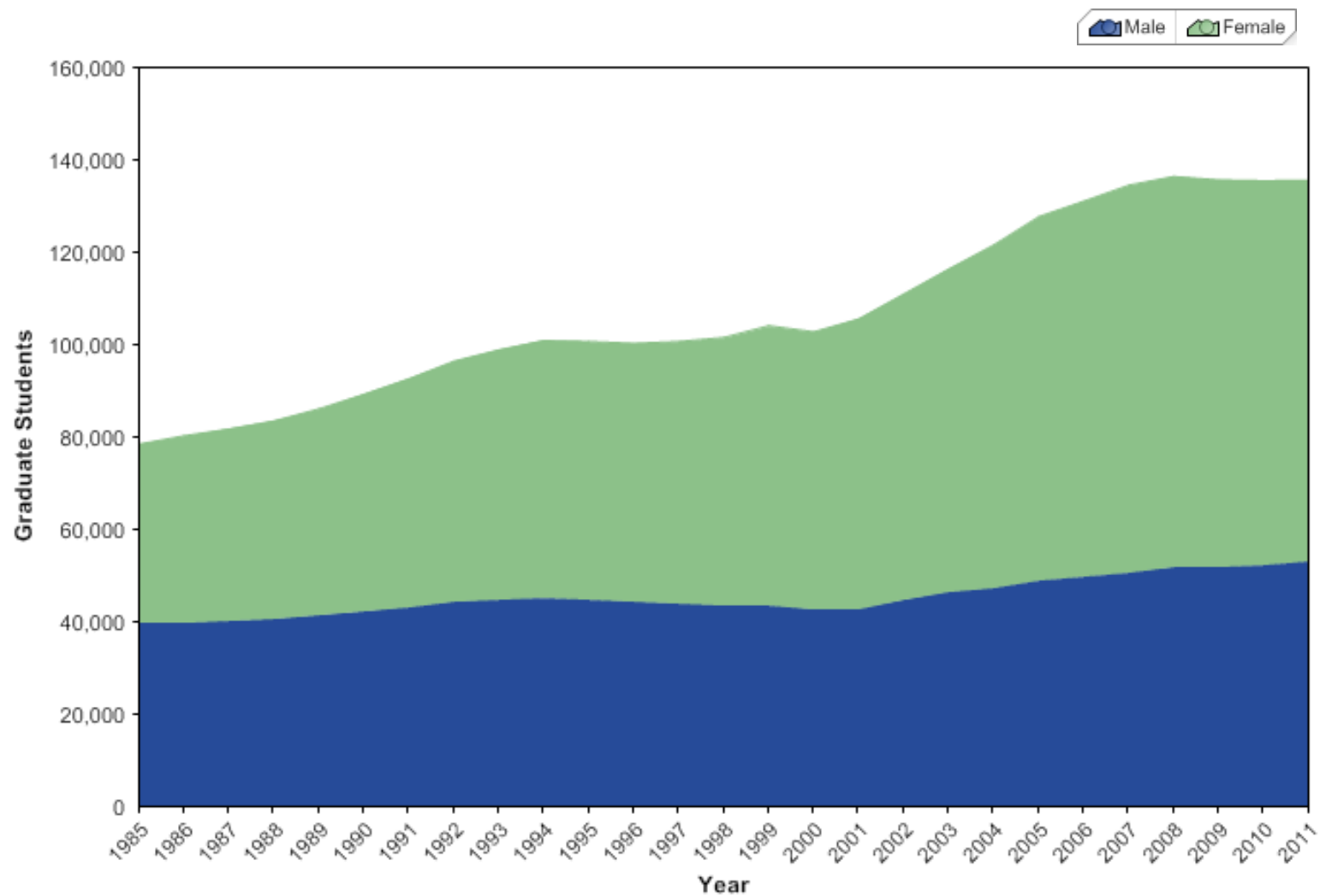
Total graduate enrollment and first-time, full-time enrollment in the behavioral and social sciences



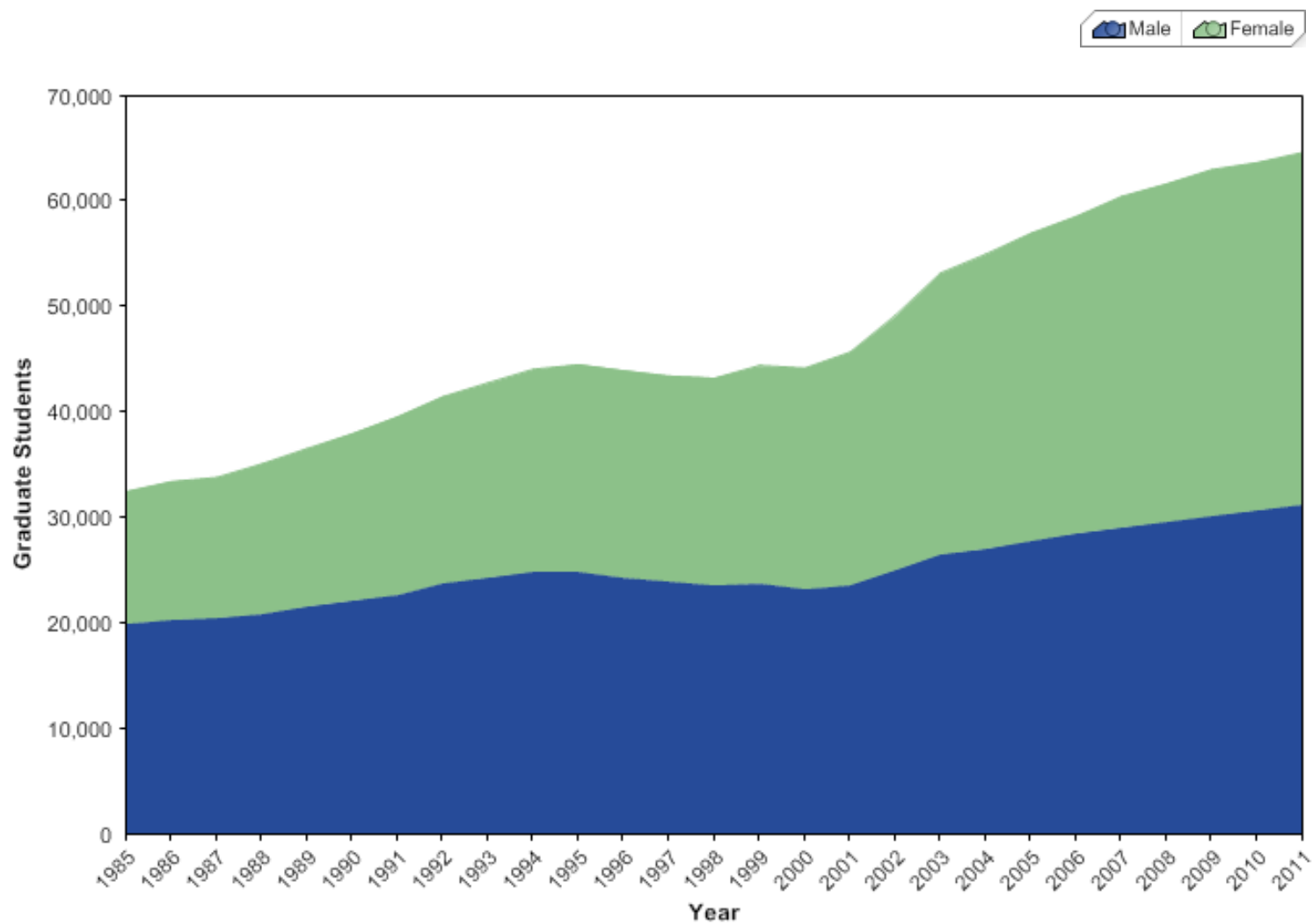
Total graduate enrollment and first-time, full-time enrollment in the clinical sciences



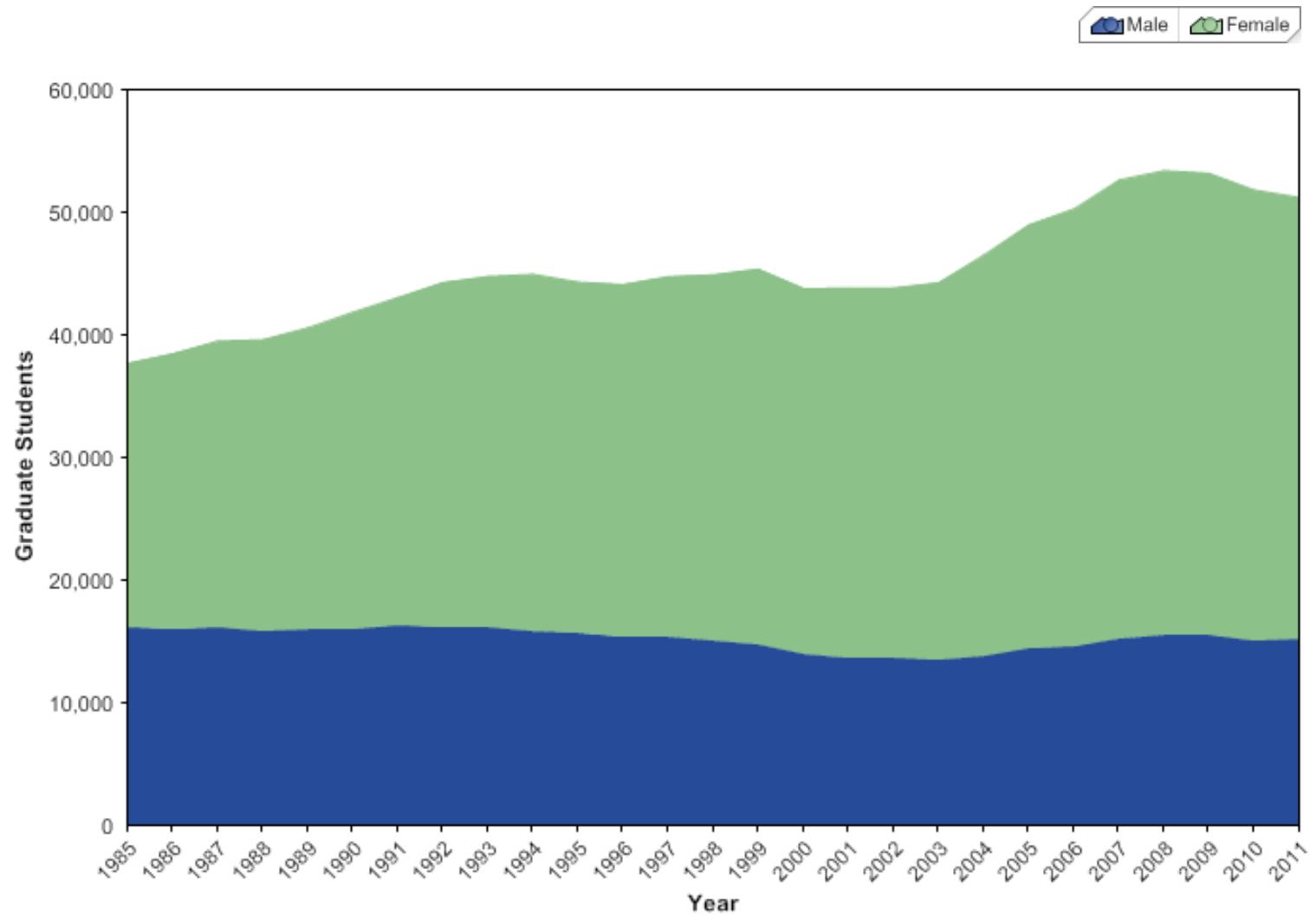
Graduate enrollment, by gender



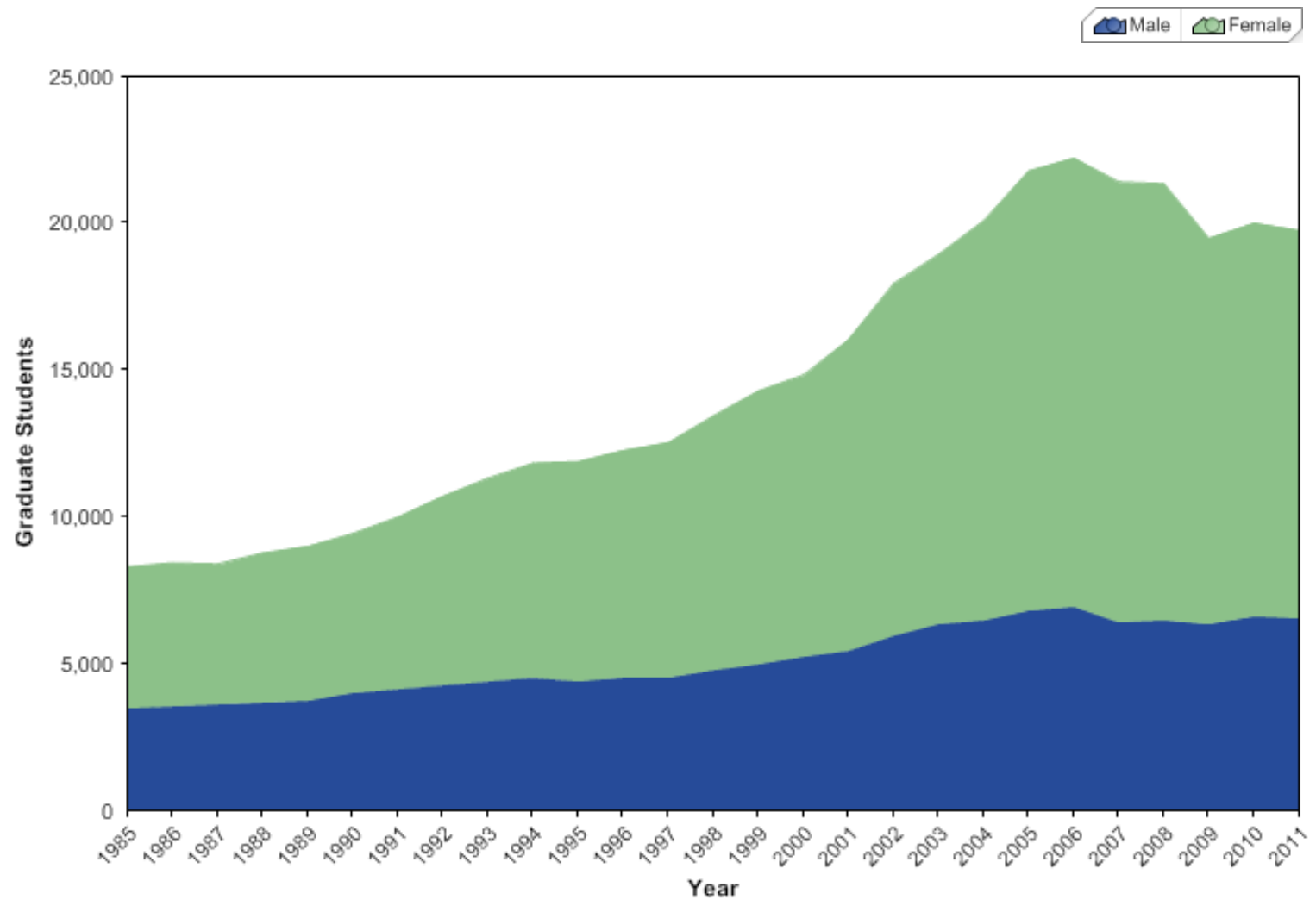
Graduate enrollment in the biomedical sciences, by gender



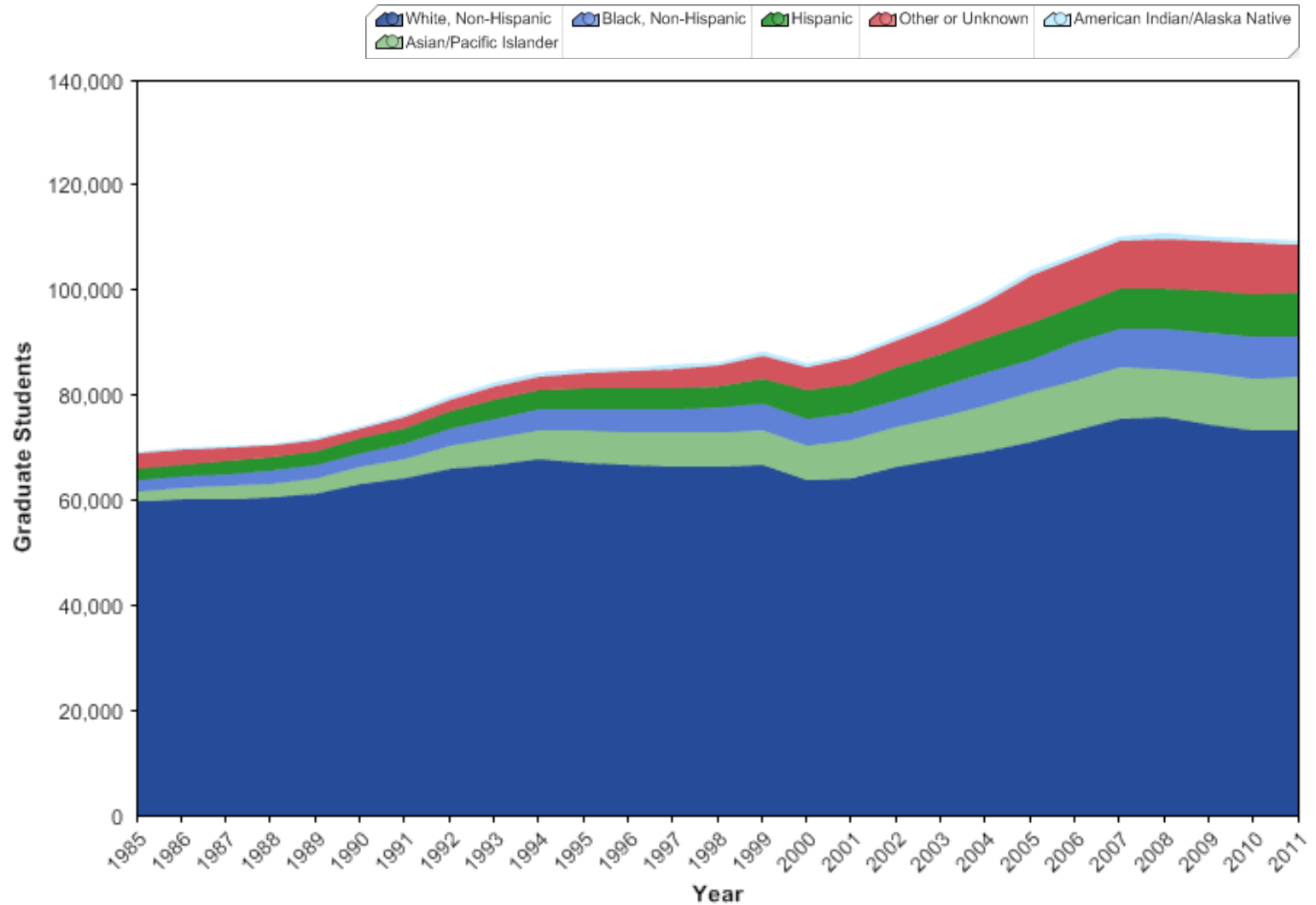
Graduate enrollment in the behavioral and social sciences, by gender



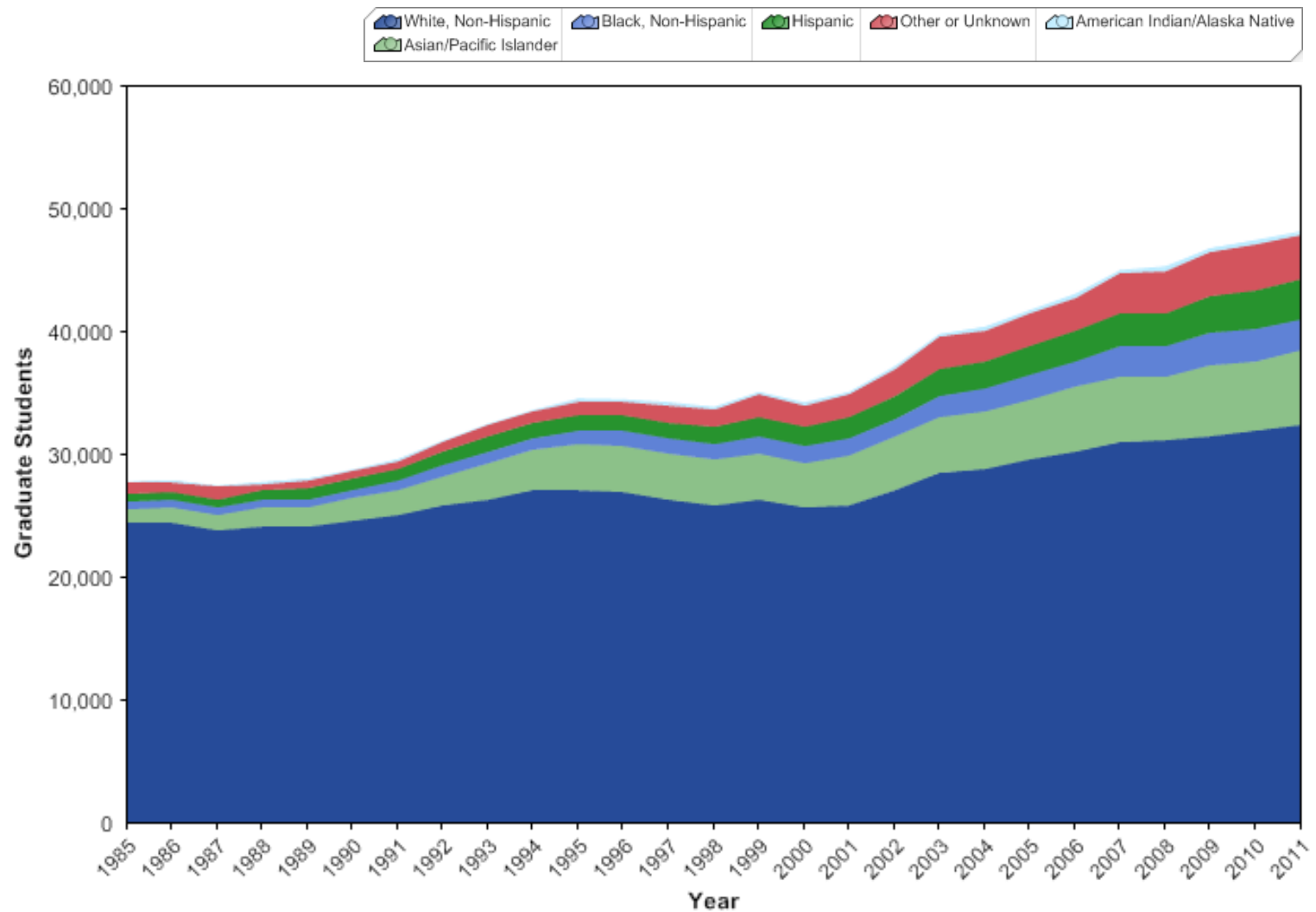
Graduate enrollment in the clinical sciences, by gender



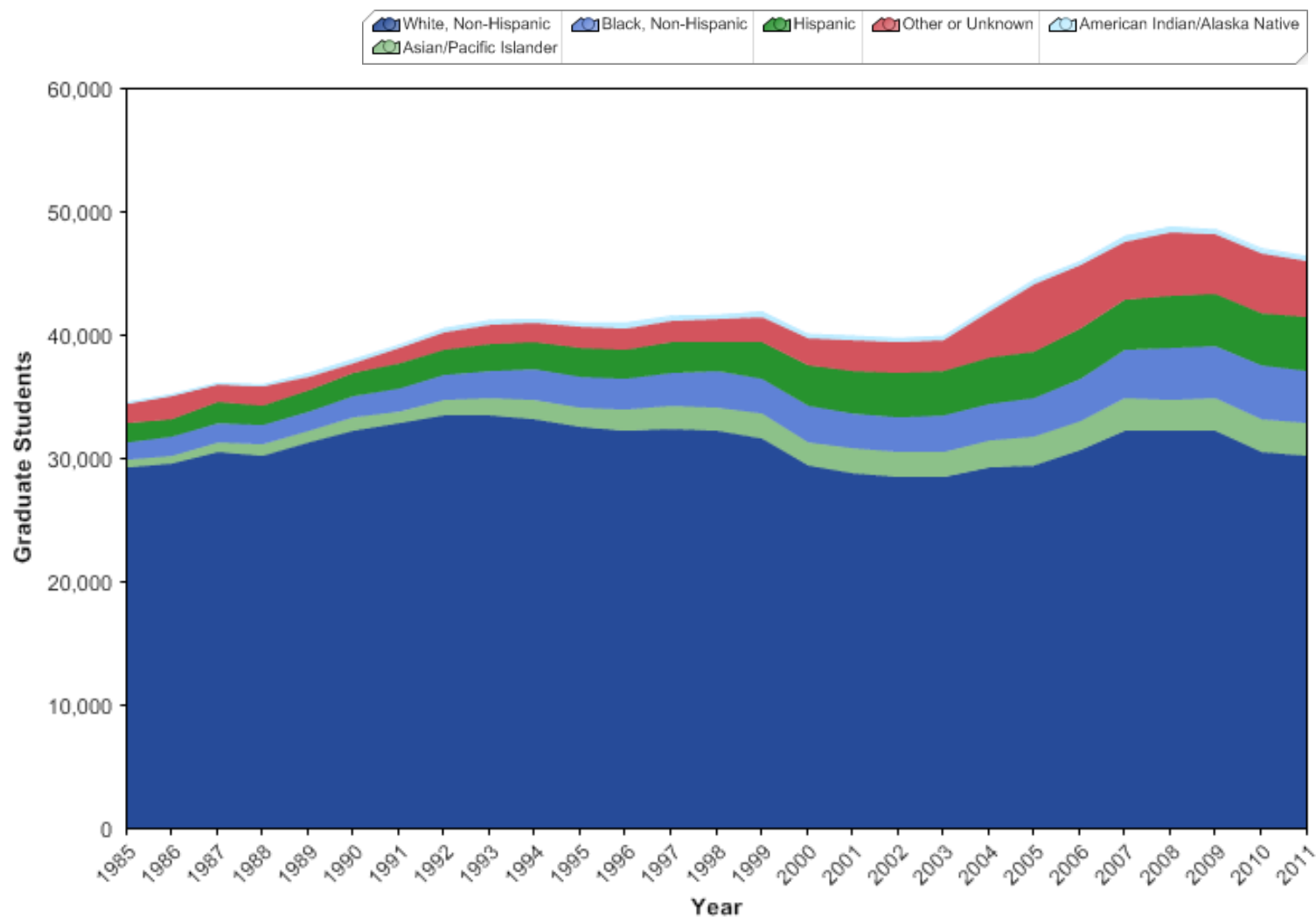
Graduate enrollment among U.S. citizens and permanent residents, by race/ethnicity



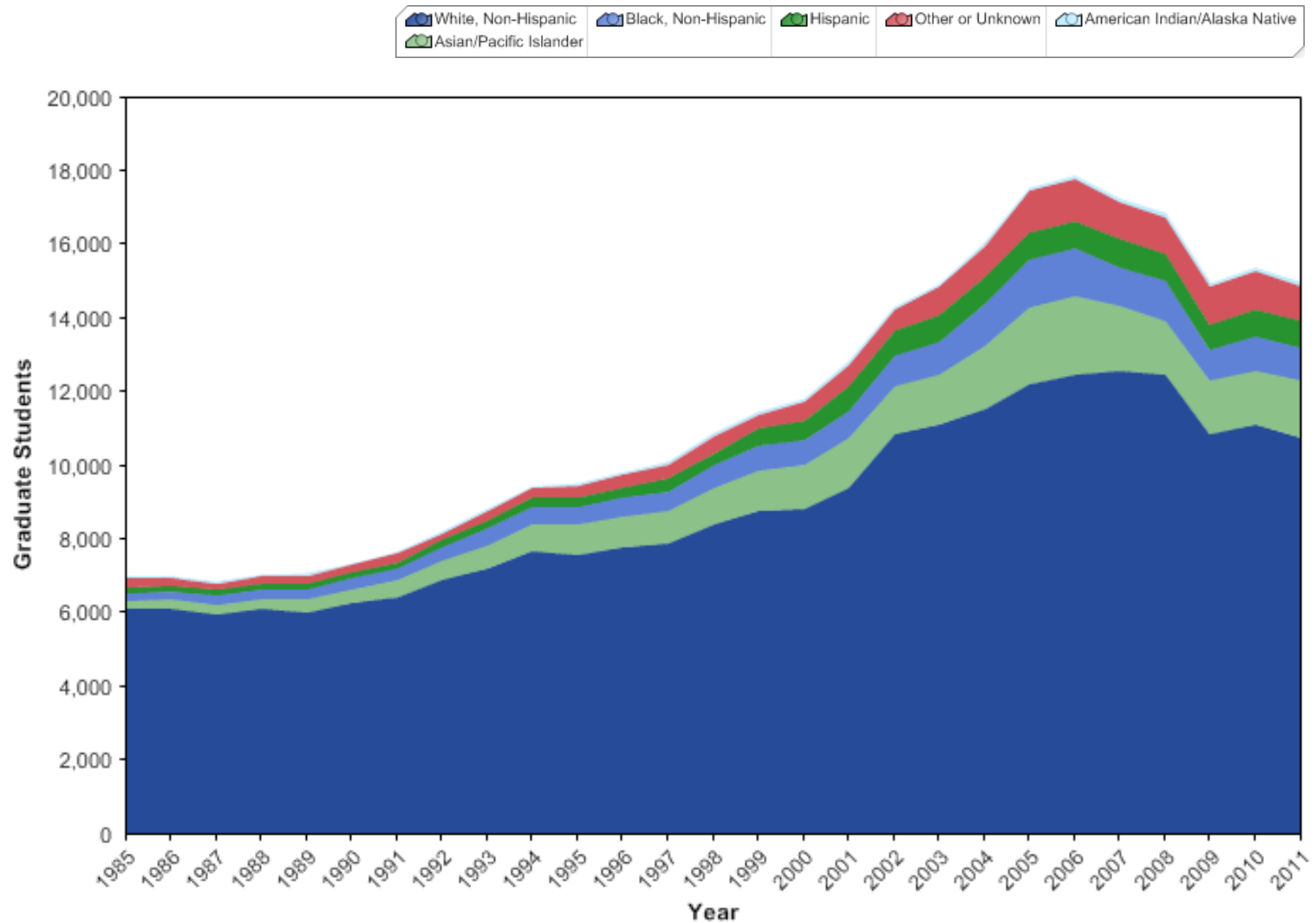
Graduate enrollment in the biomedical sciences among U.S. citizens and permanent residents, by race/ethnicity



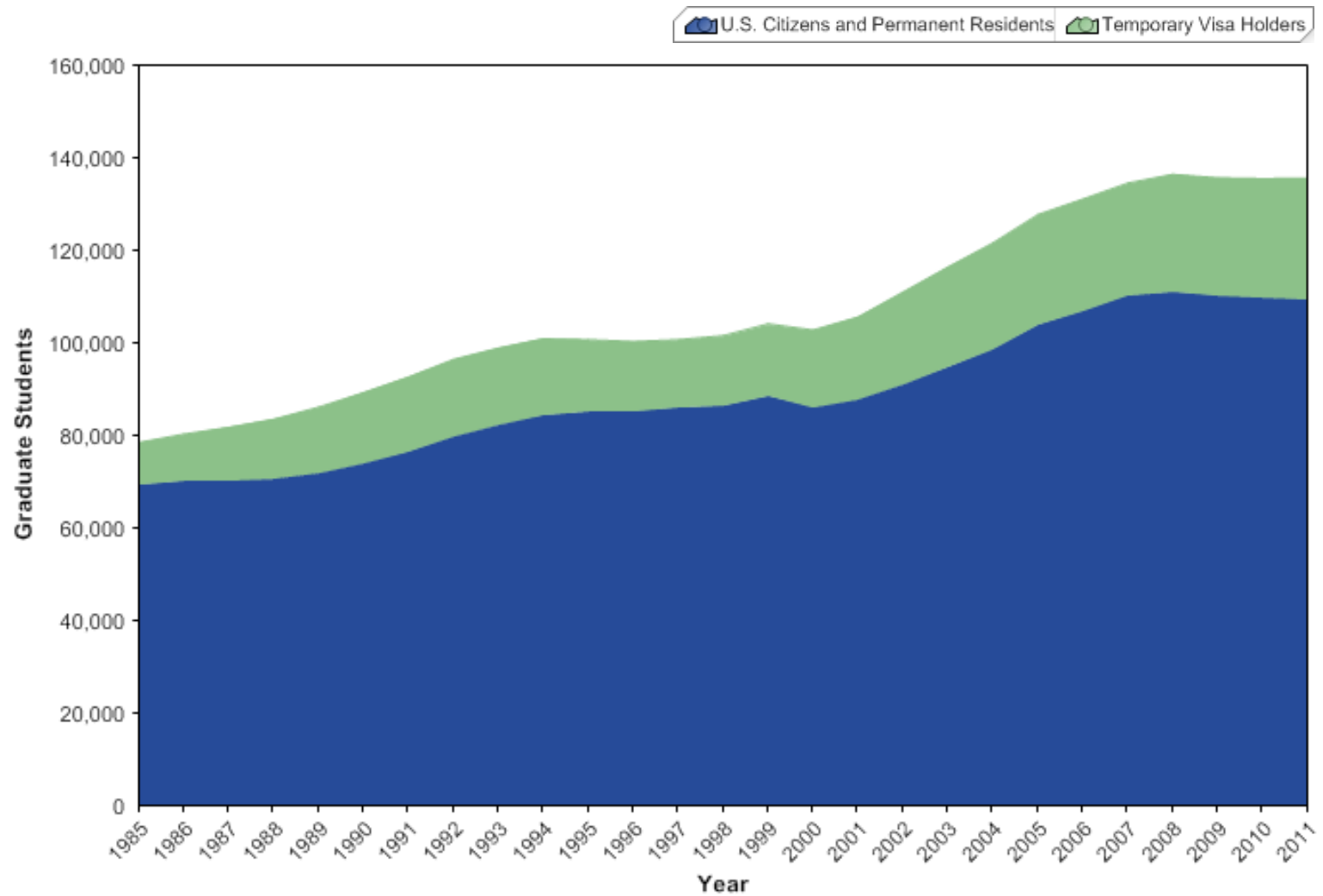
Graduate enrollment in the behavioral and social sciences among U.S. citizens and permanent residents, by race/ethnicity



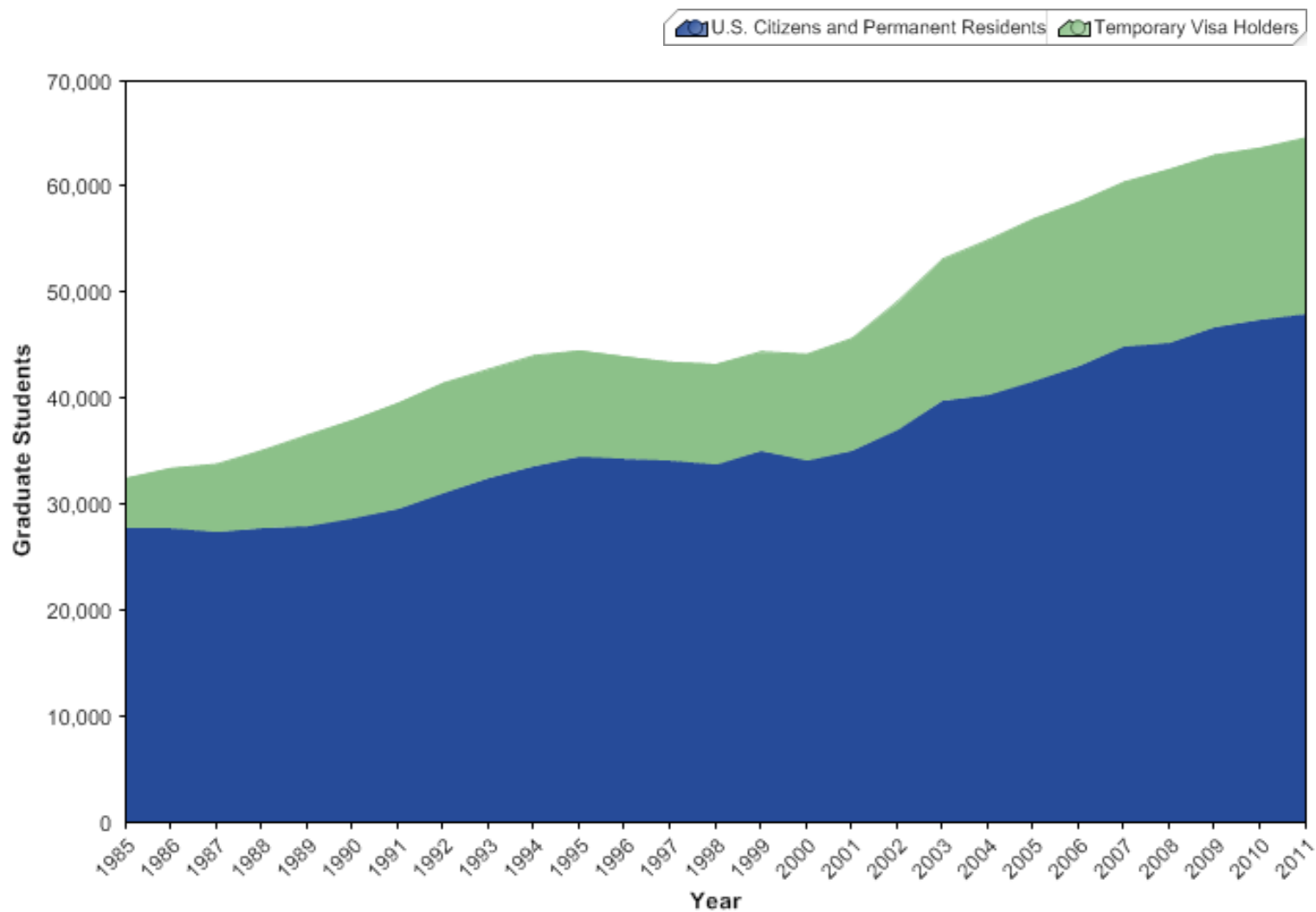
Graduate enrollment in the clinical sciences among U.S. citizens and permanent residents, by race/ethnicity



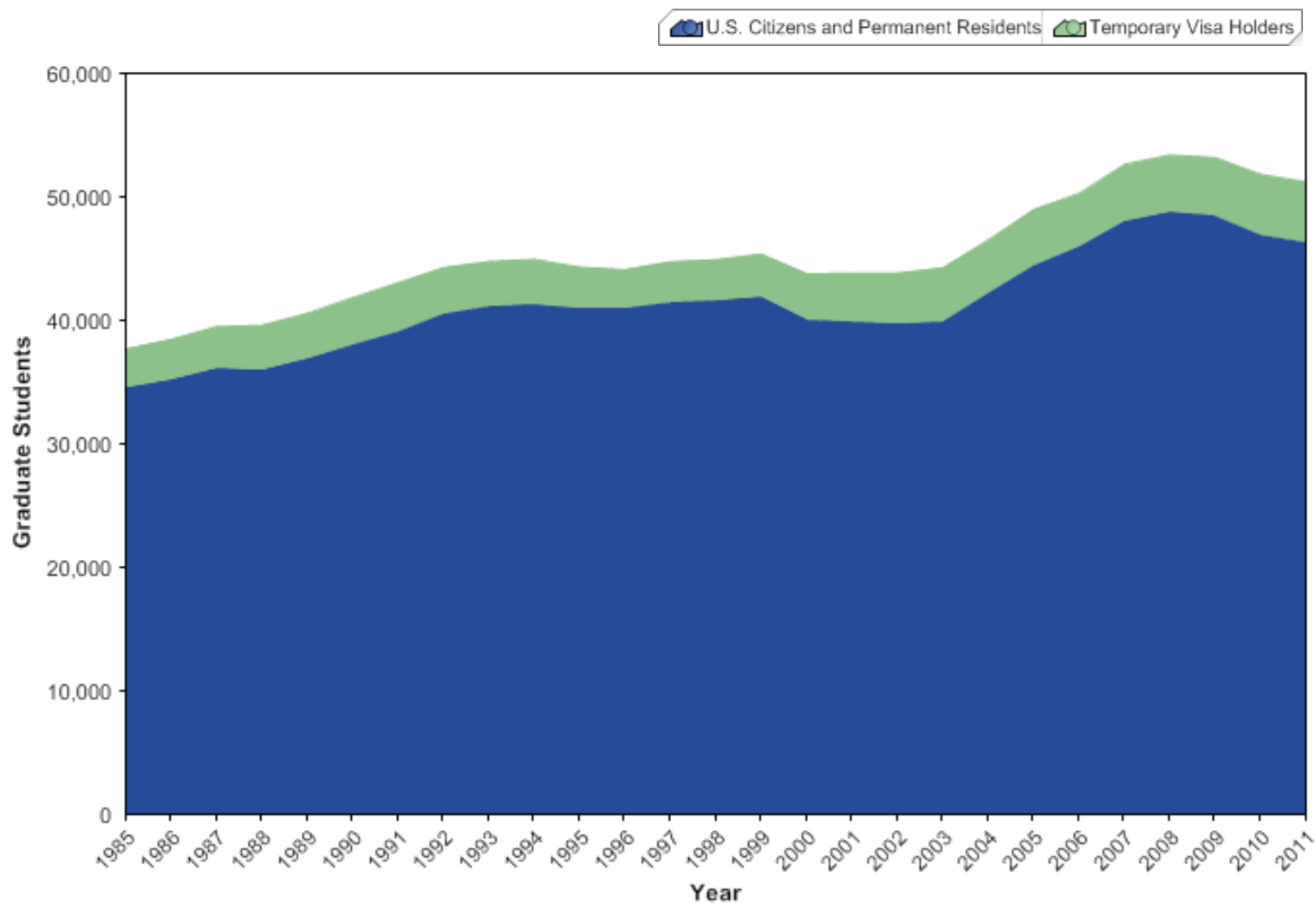
Graduate enrollment, by citizenship



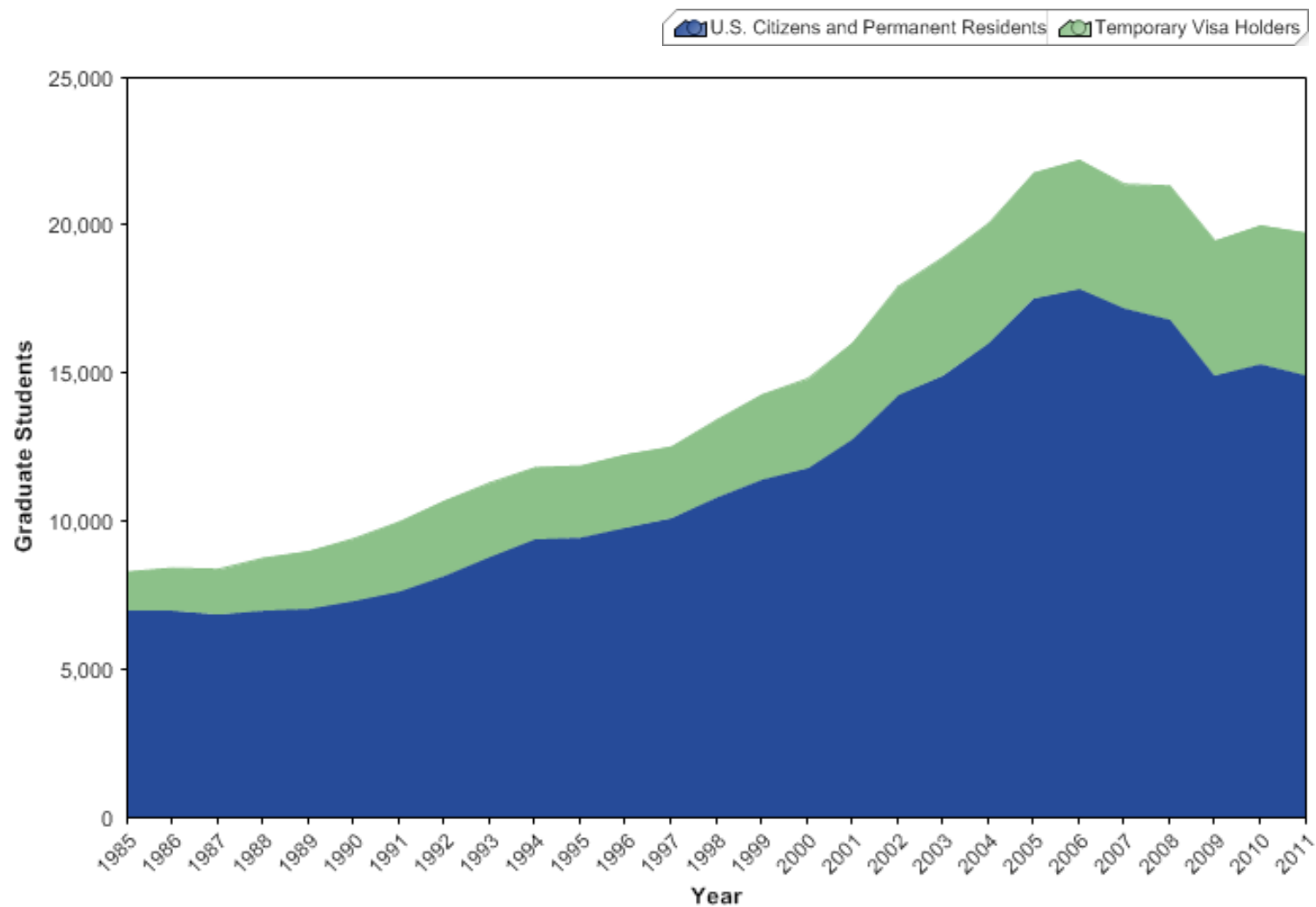
Graduate enrollment in the biomedical sciences, by citizenship



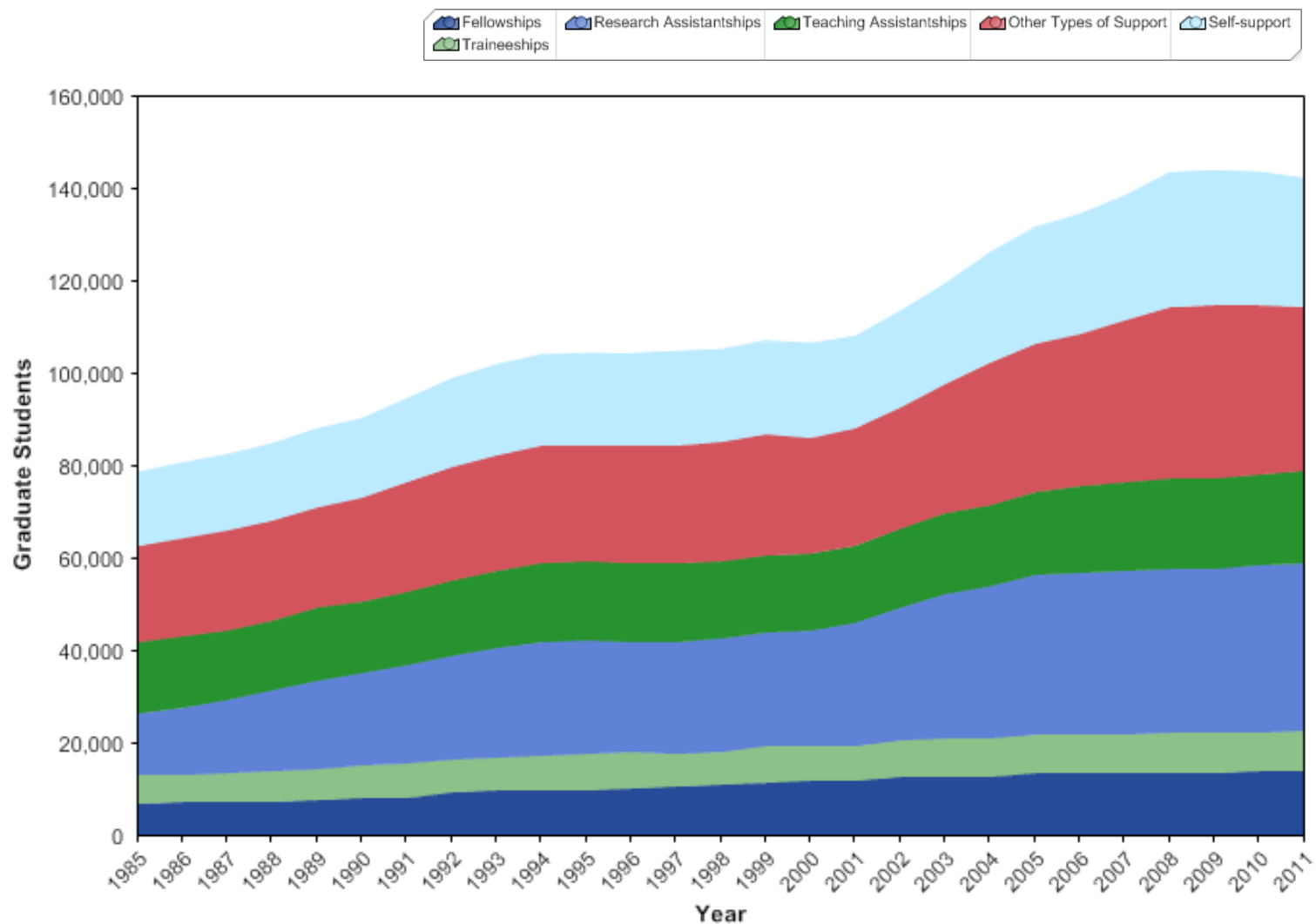
Graduate enrollment in the behavioral and social sciences, by citizenship



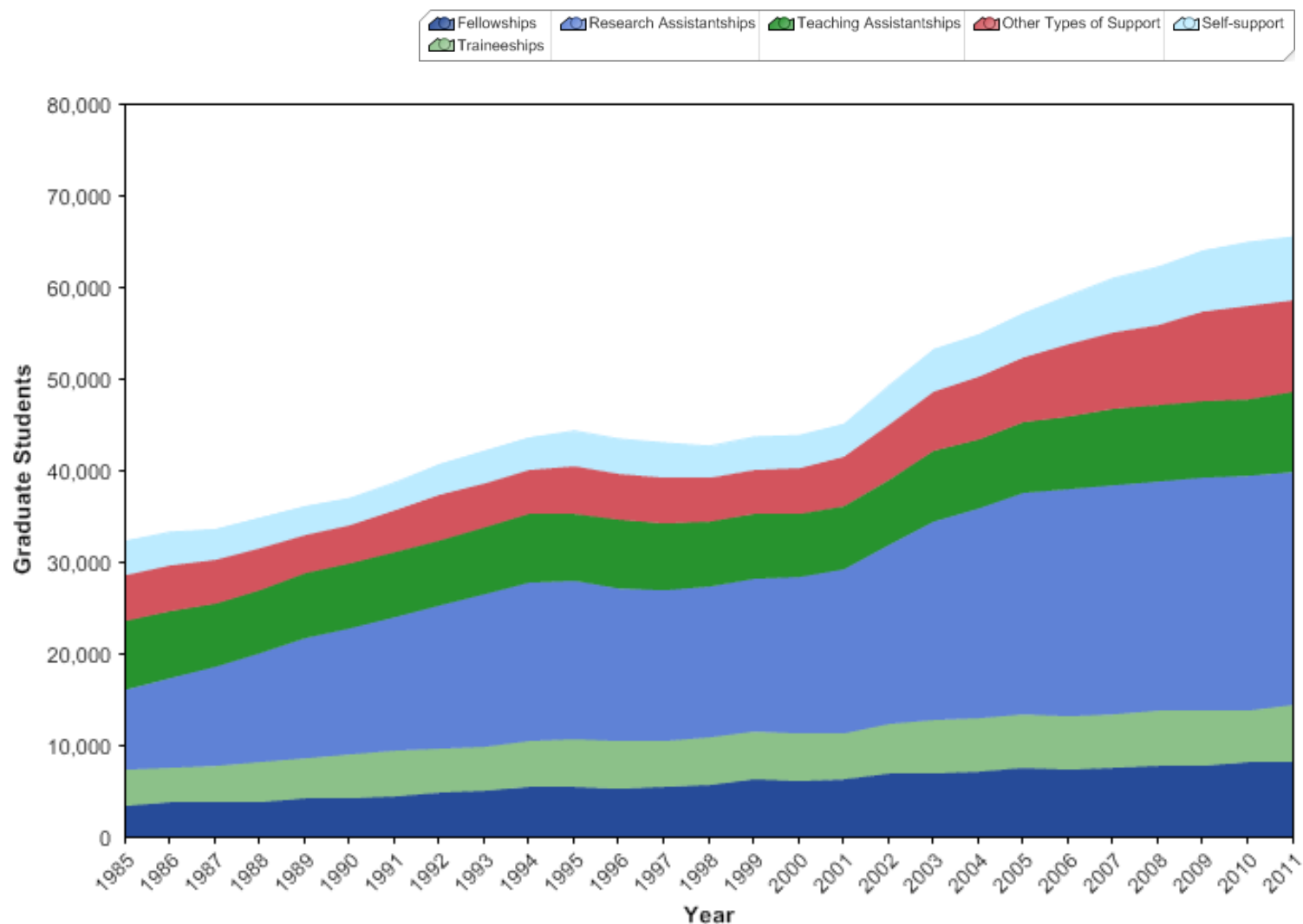
Graduate enrollment in the clinical sciences, by citizenship



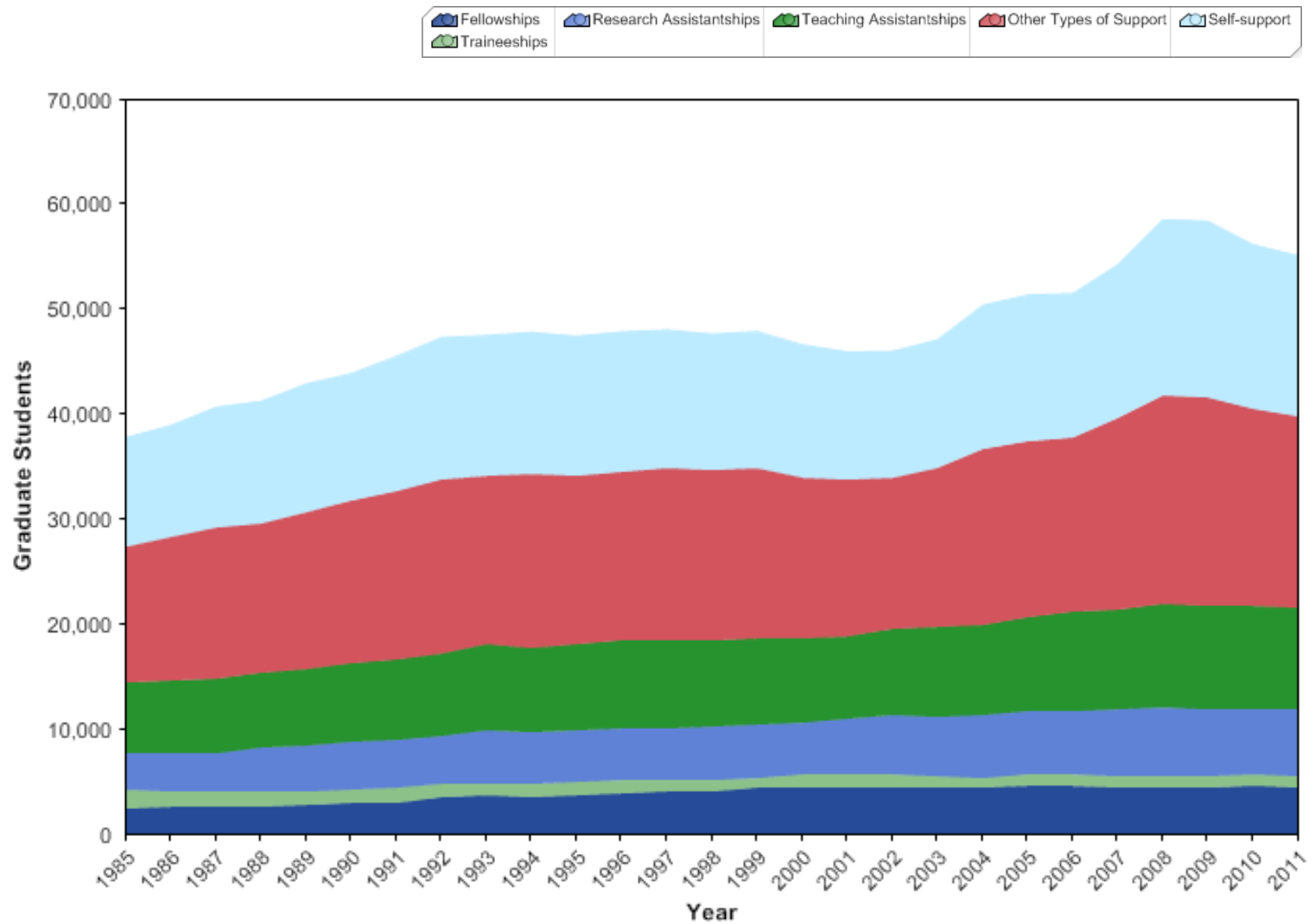
Primary mechanisms of graduate support



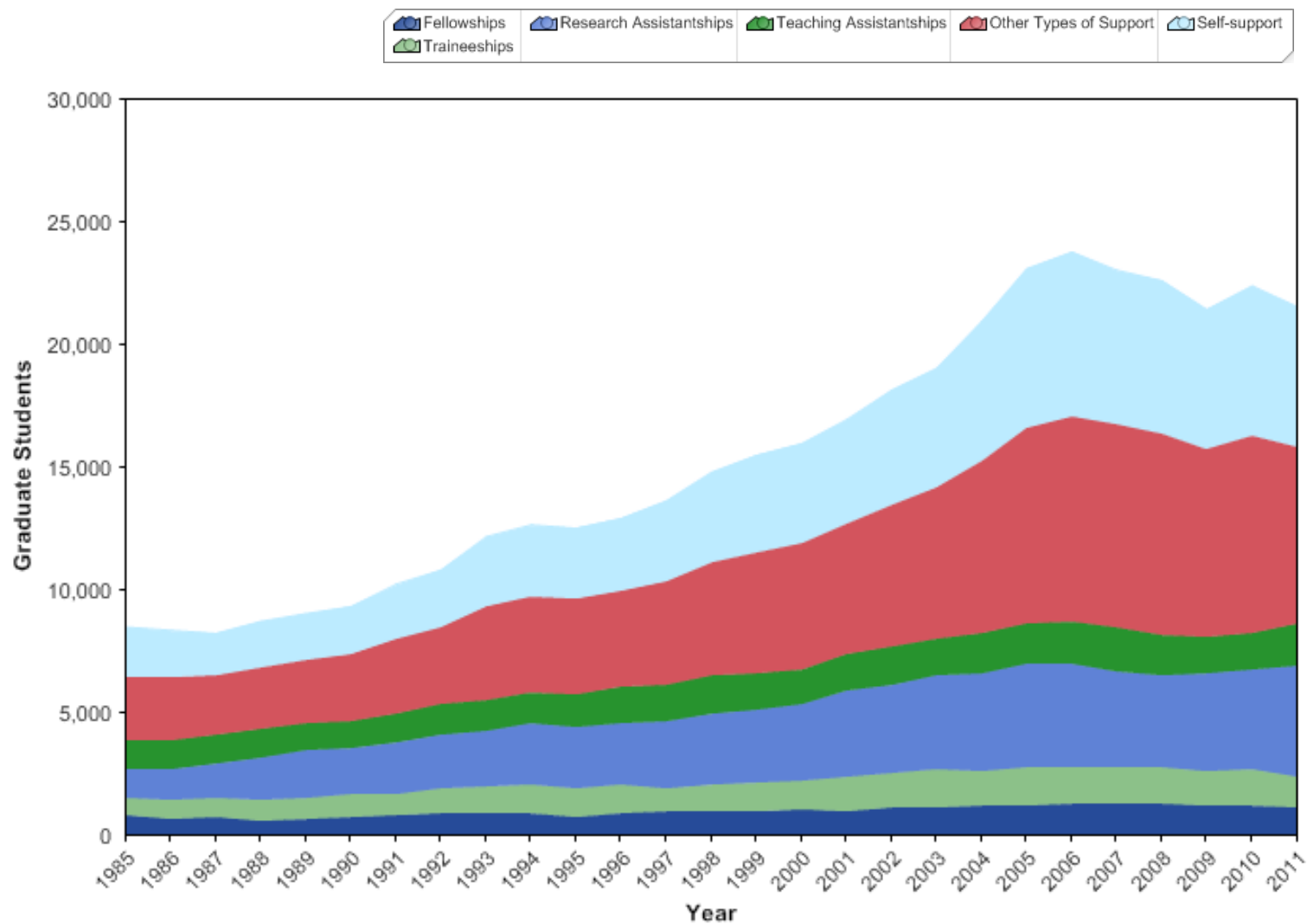
Primary mechanisms of graduate support in the biomedical sciences



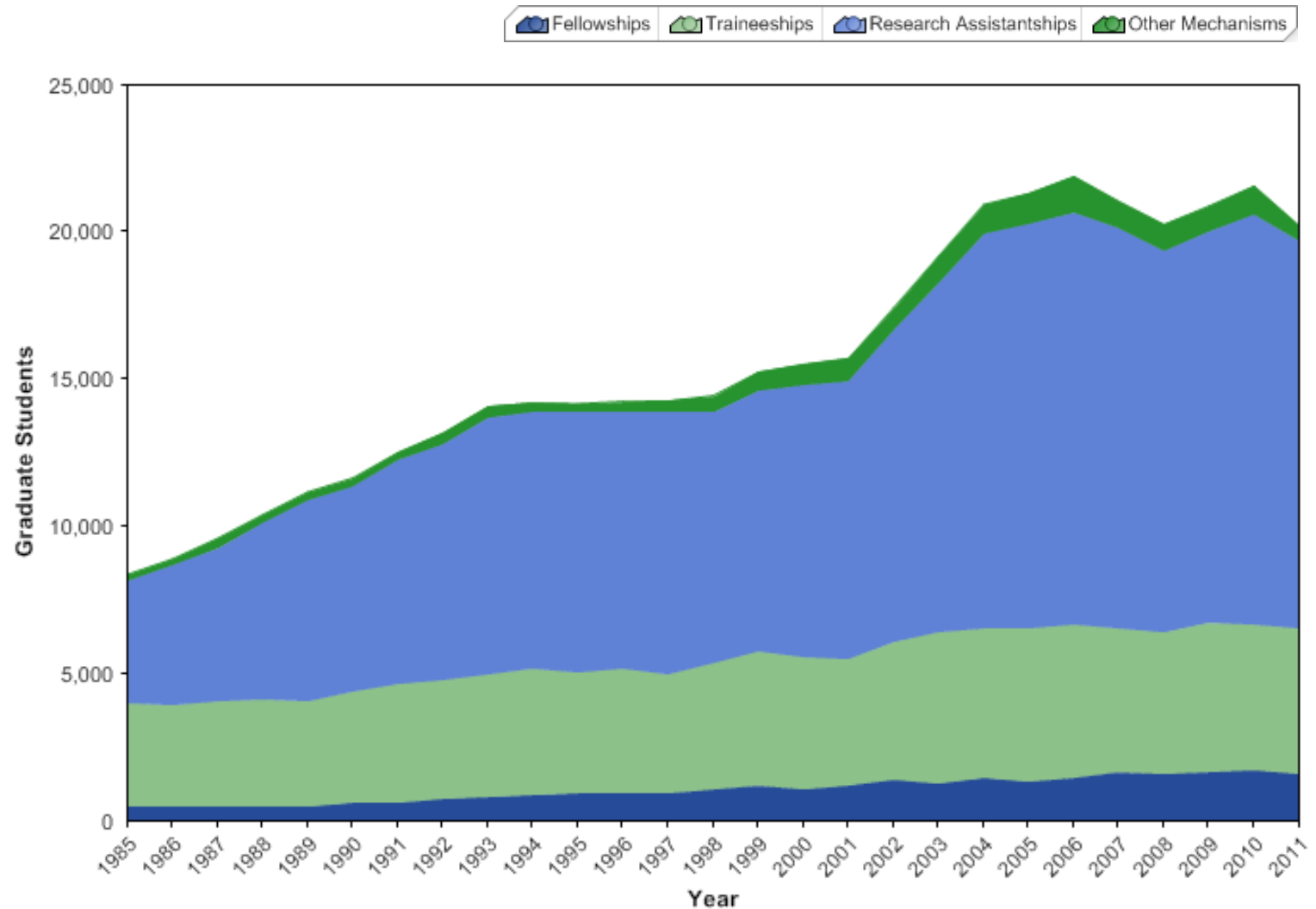
Primary mechanisms of graduate support in the behavioral and social sciences



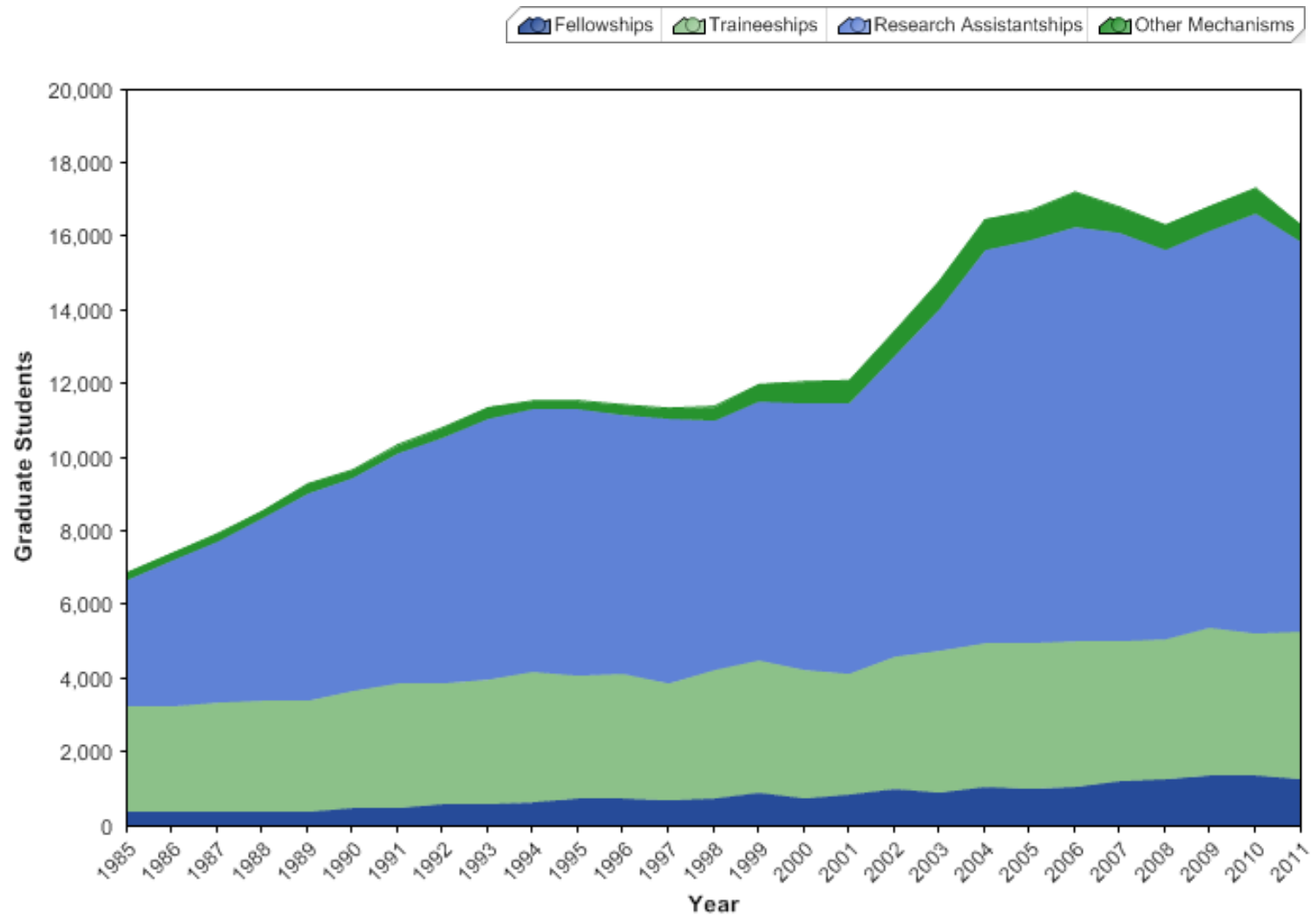
Primary mechanisms of graduate support in the clinical sciences



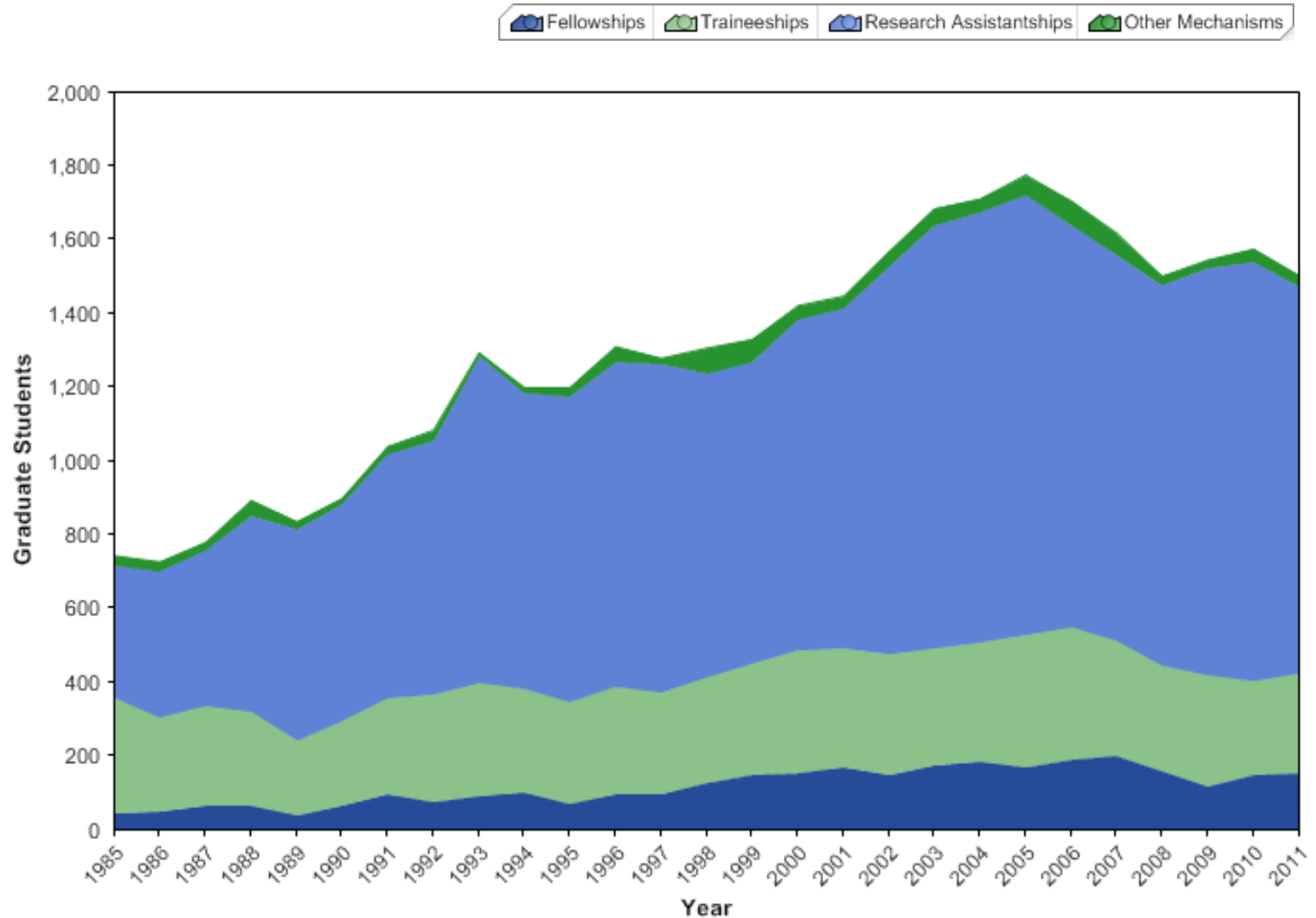
Primary mechanisms of National Institutes of Health (NIH) support for full-time graduate students



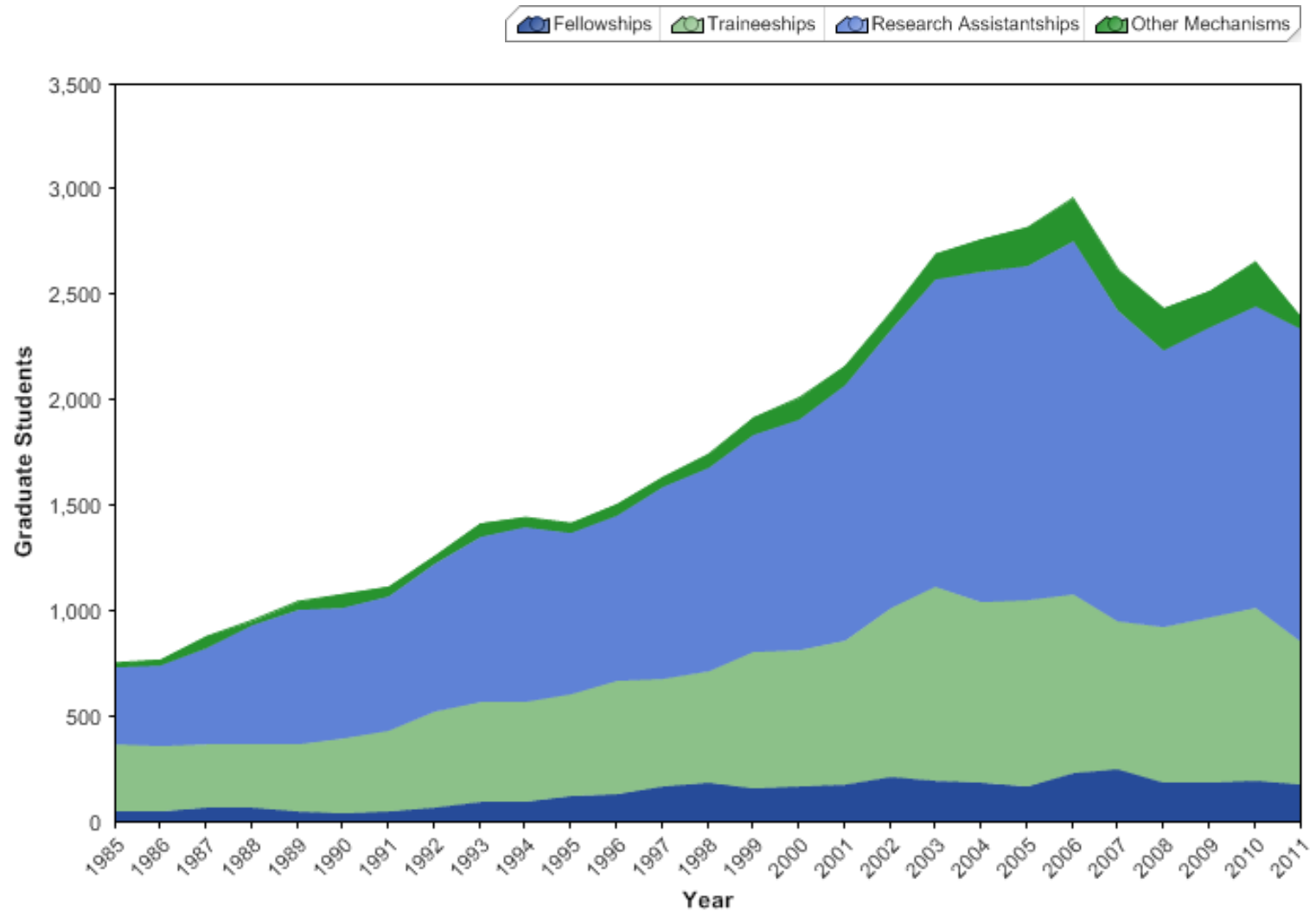
Primary mechanisms of National Institutes of Health support for full-time graduate students in the biomedical sciences



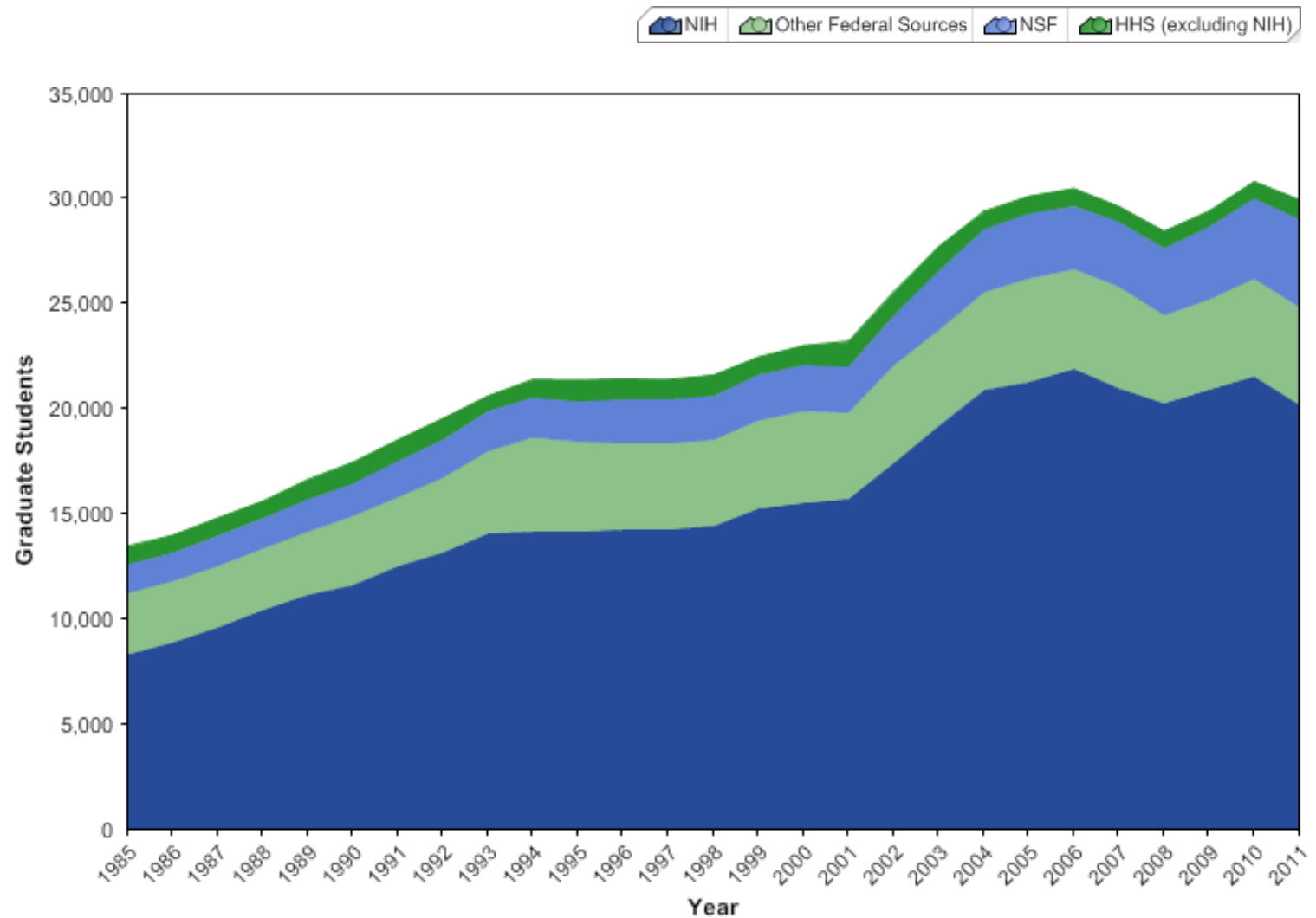
Primary mechanisms of National Institutes of Health support for full-time graduate students in the behavioral and social sciences



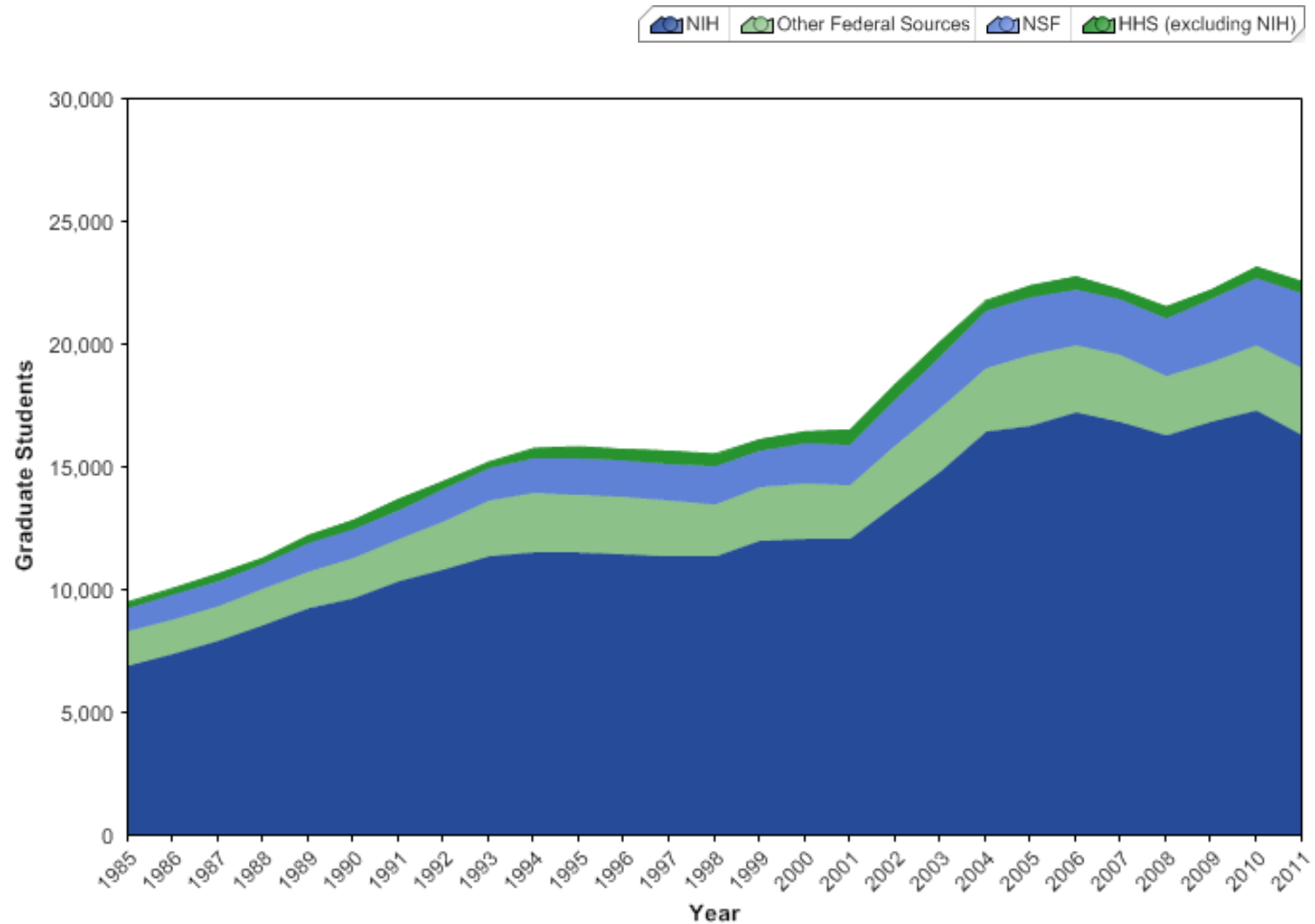
Primary mechanisms of National Institutes of Health support for full-time graduate students in the clinical sciences



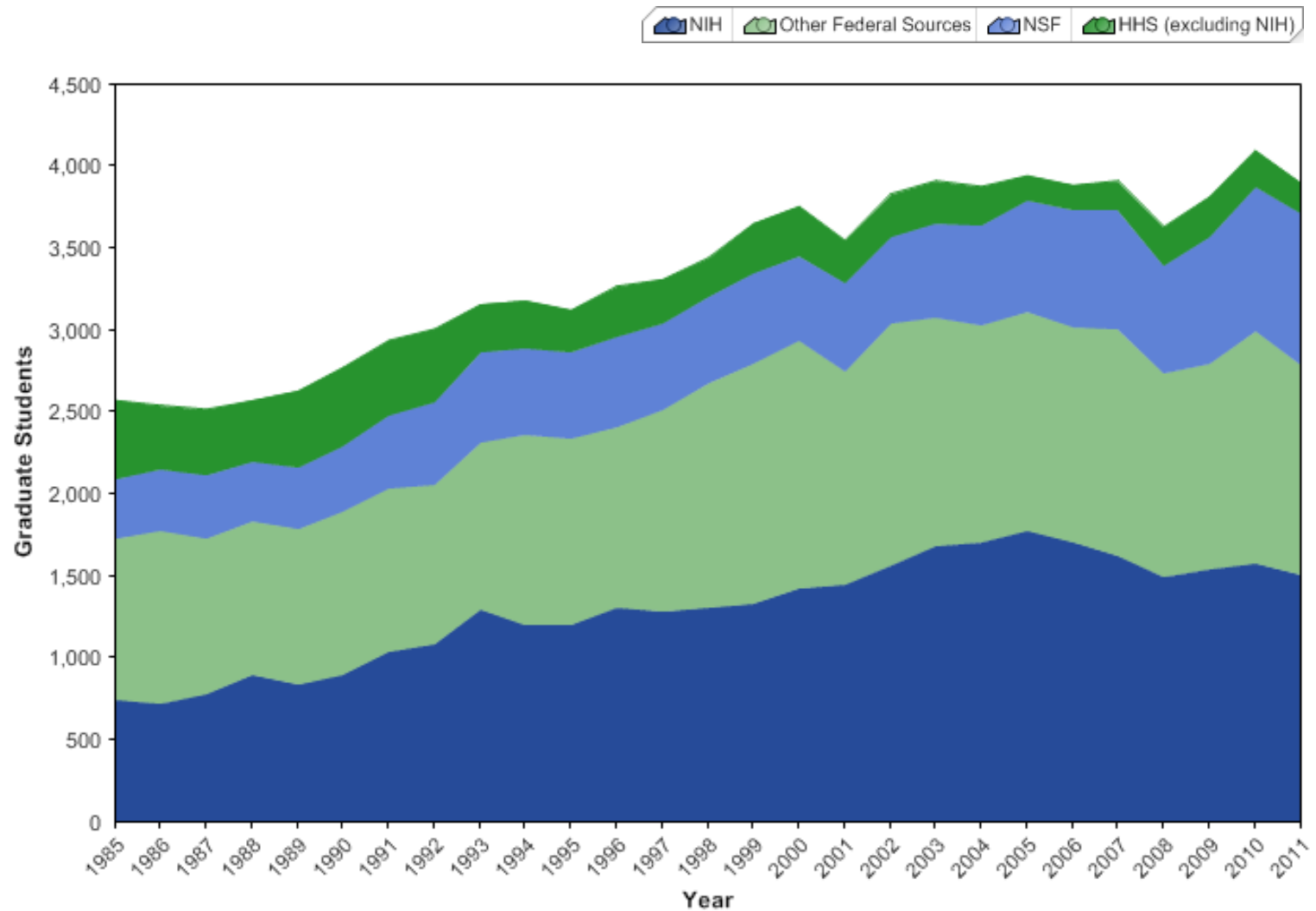
Primary source of federal support for full-time graduate students



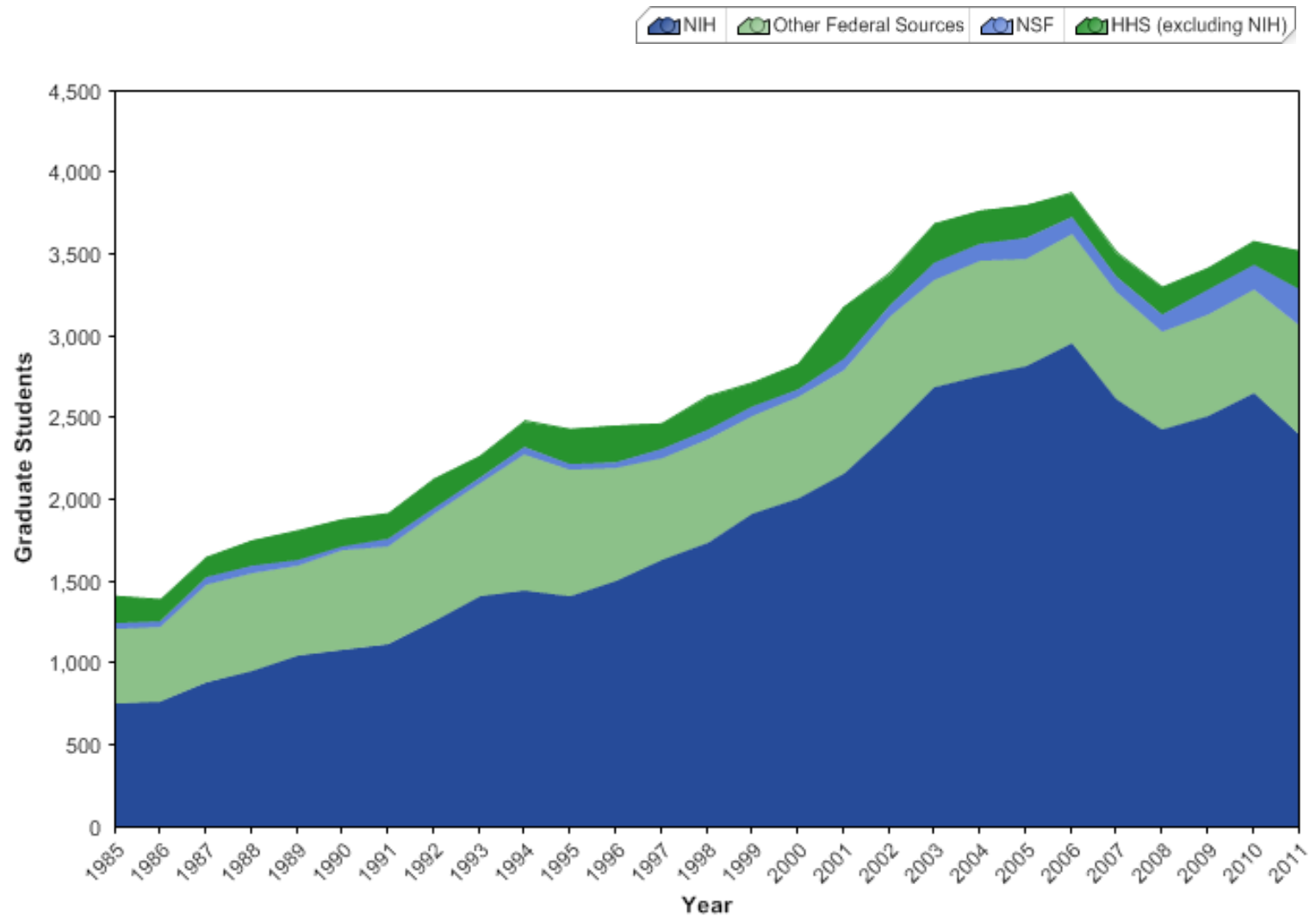
Primary source of federal support for full-time graduate students in the biomedical sciences



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



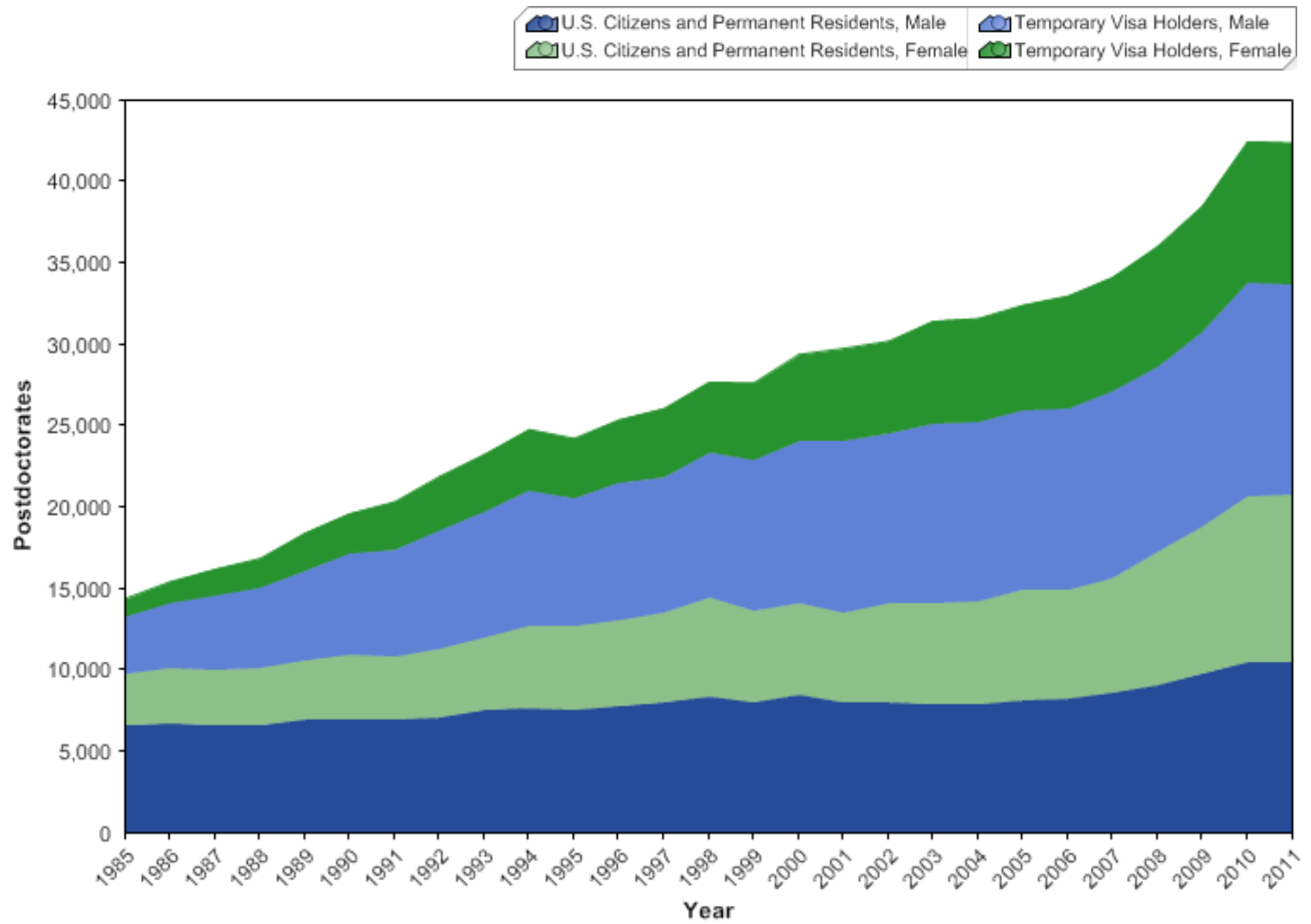
Primary source of federal support for full-time graduate students in the clinical sciences



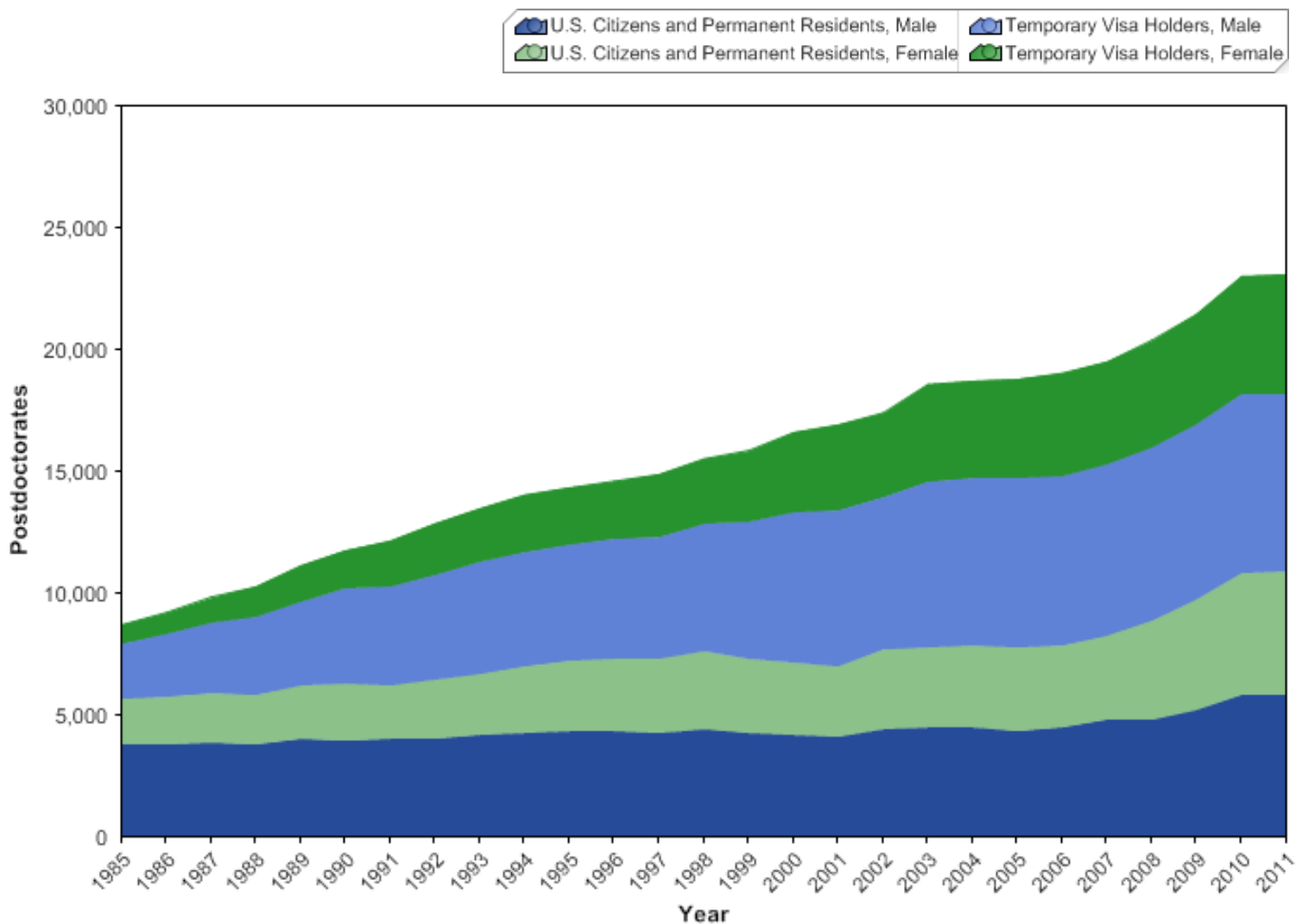


NATIONAL STATISTICS ON POST-DOCTORAL APPOINTEES IN THE BIOMEDICAL, BEHAVIORAL, SOCIAL, AND CLINICAL SCIENCES

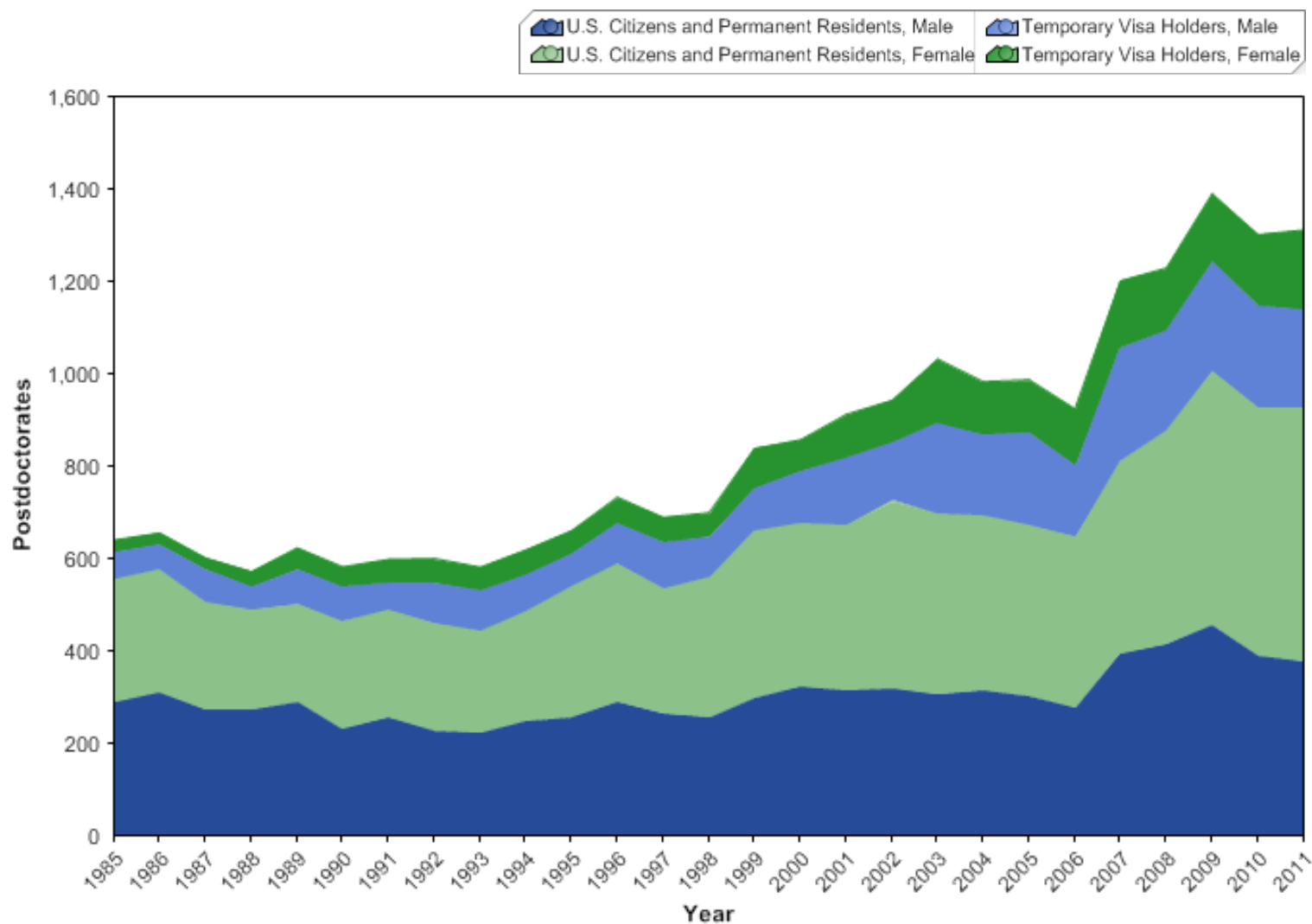
Postdoctorates, by citizenship and gender



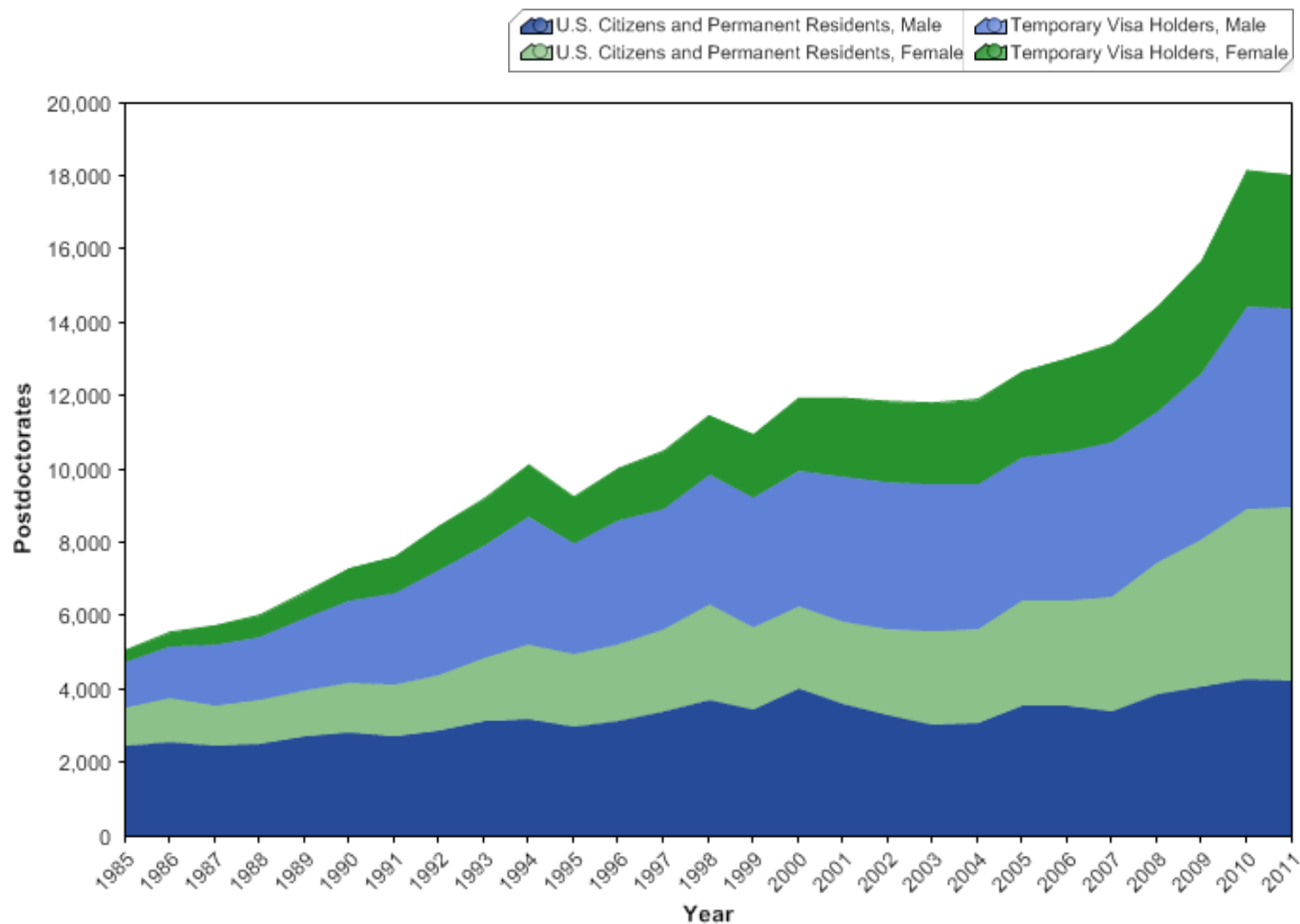
Postdoctorates in the biomedical sciences, by citizenship and gender



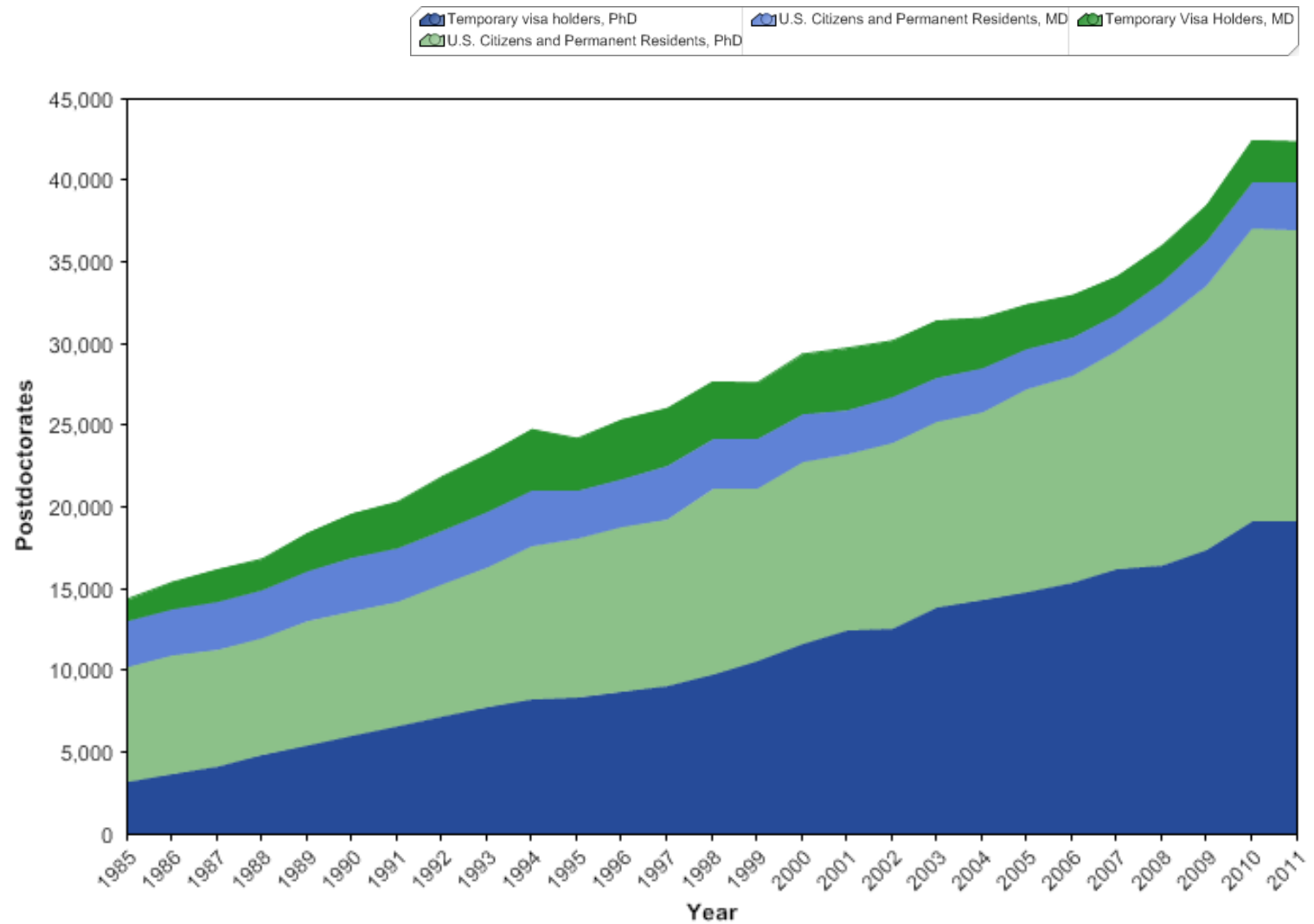
Postdoctorates in the behavioral and social sciences, by citizenship and gender



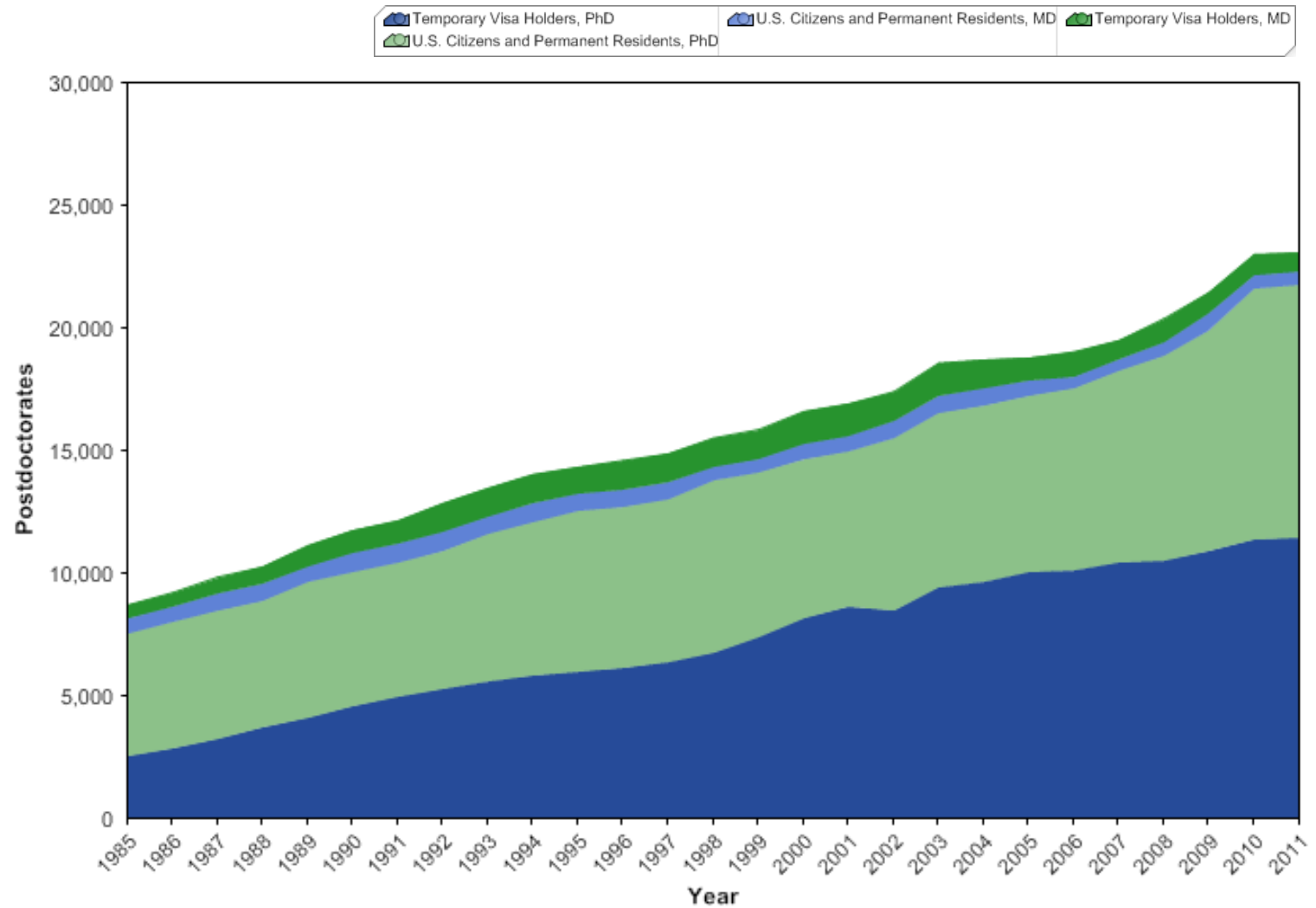
Postdoctorates in the clinical sciences, by citizenship and gender



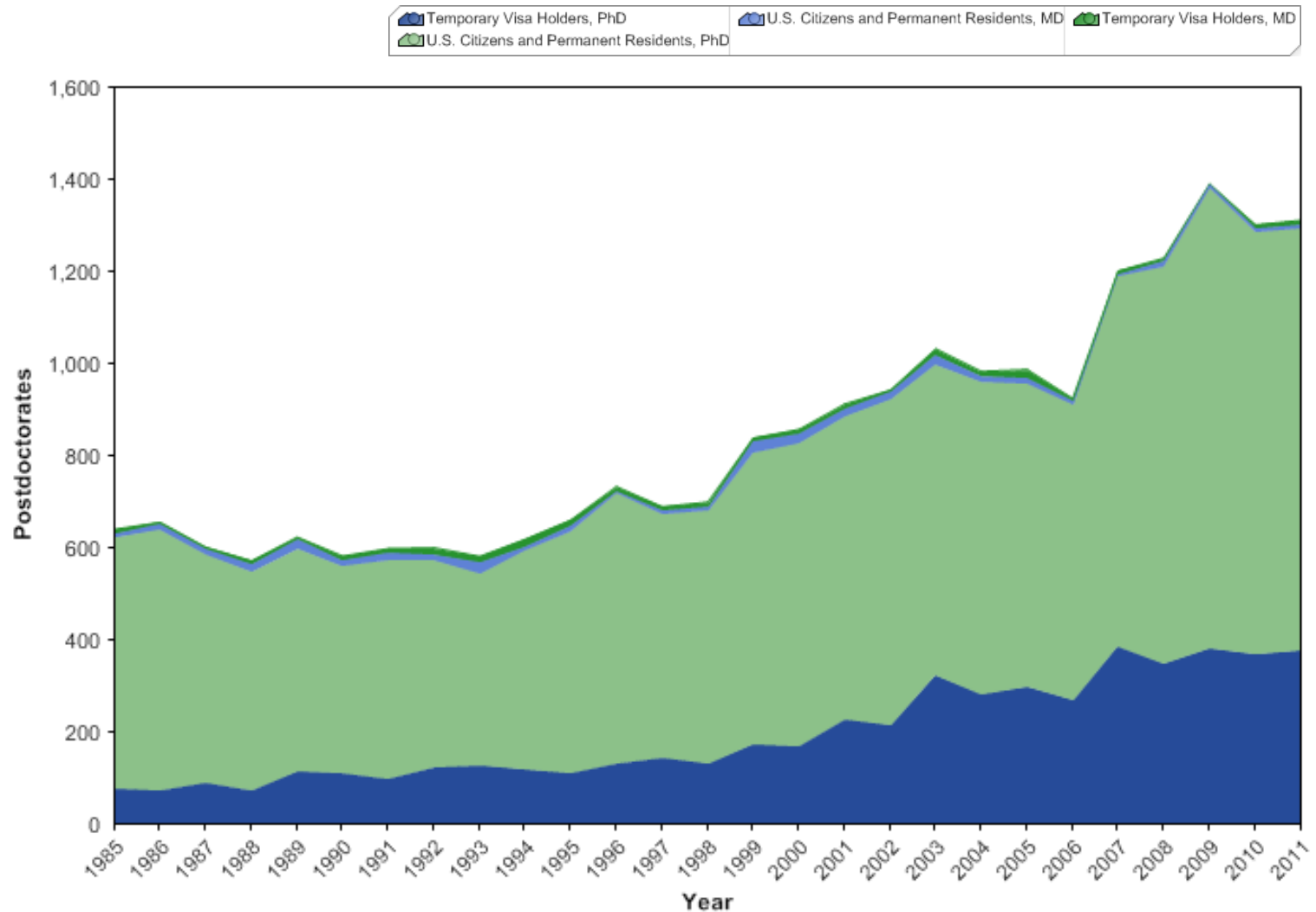
Postdoctorates, by citizenship and degree



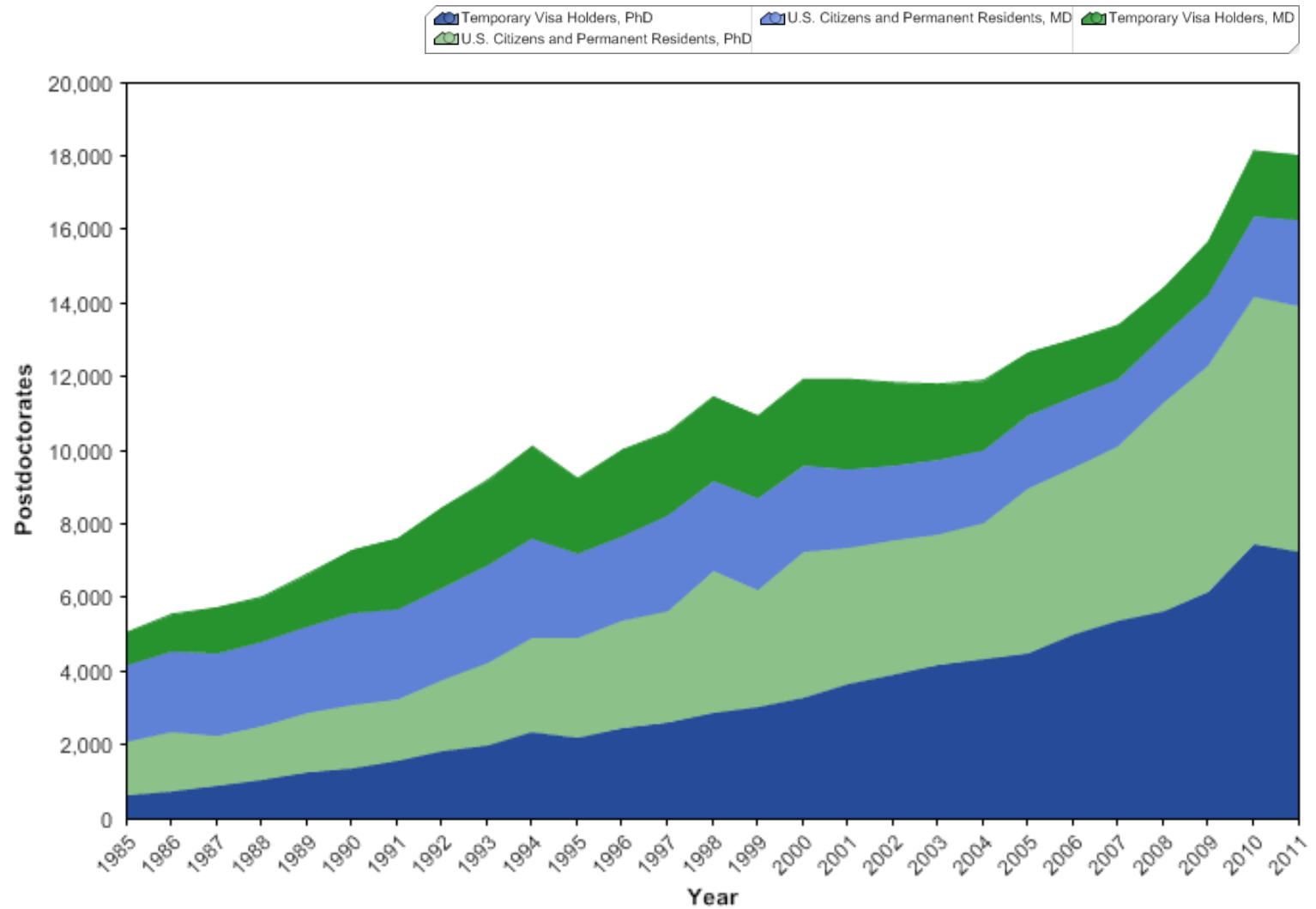
Postdoctorates in the biomedical sciences, by citizenship and degree



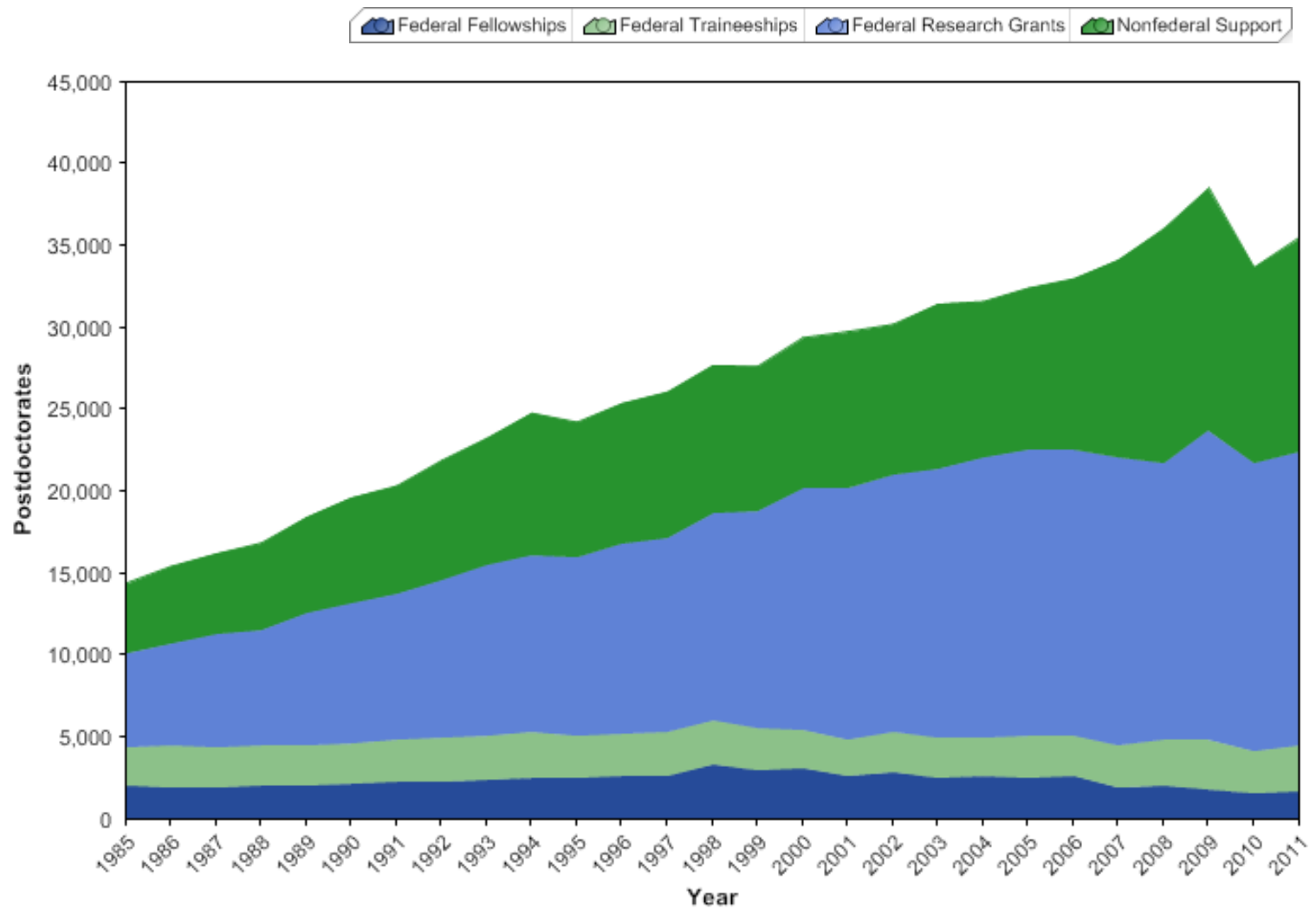
Postdoctorates in the behavioral and social sciences, by citizenship and degree



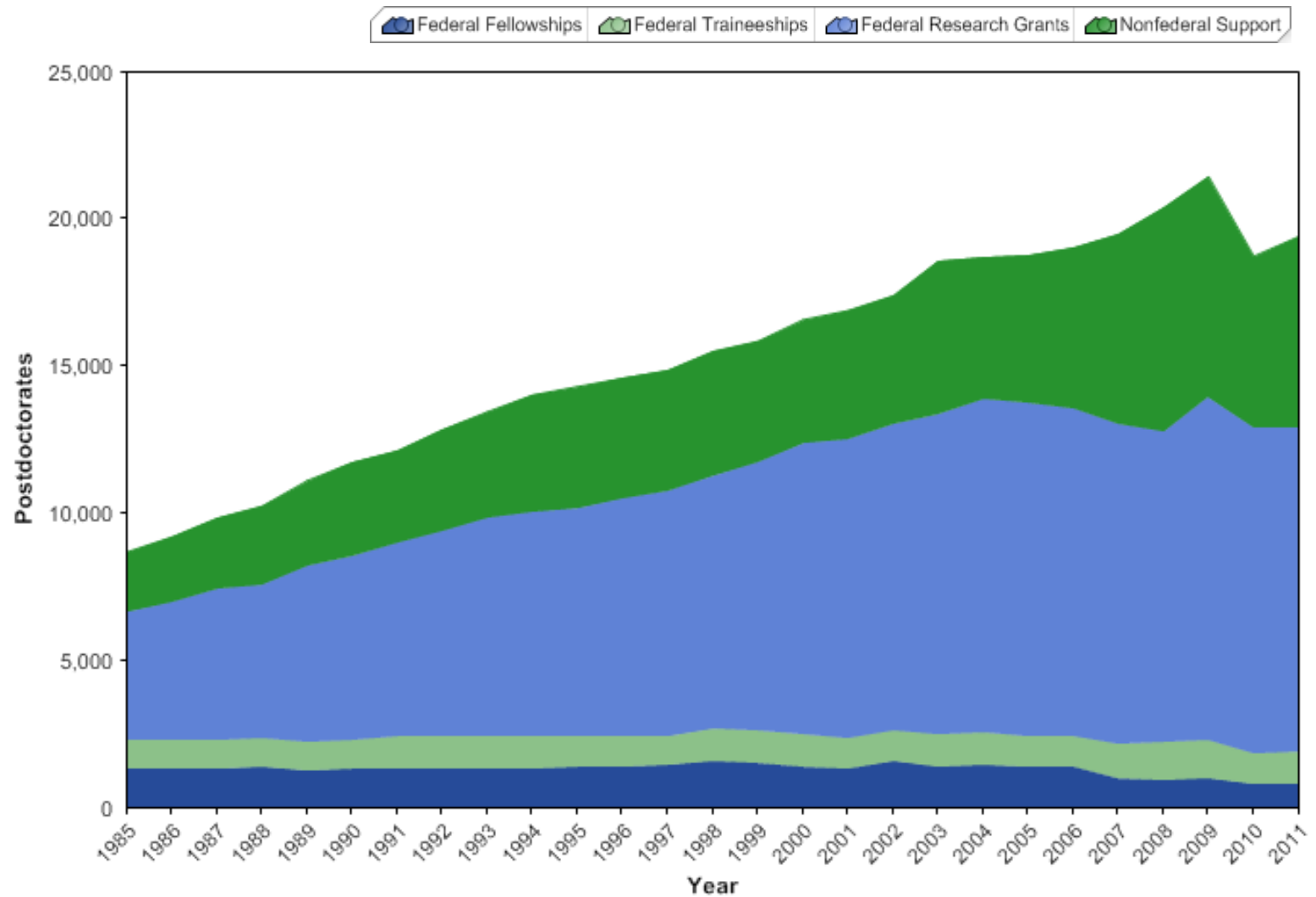
Postdoctorates in the clinical sciences, by citizenship and degree



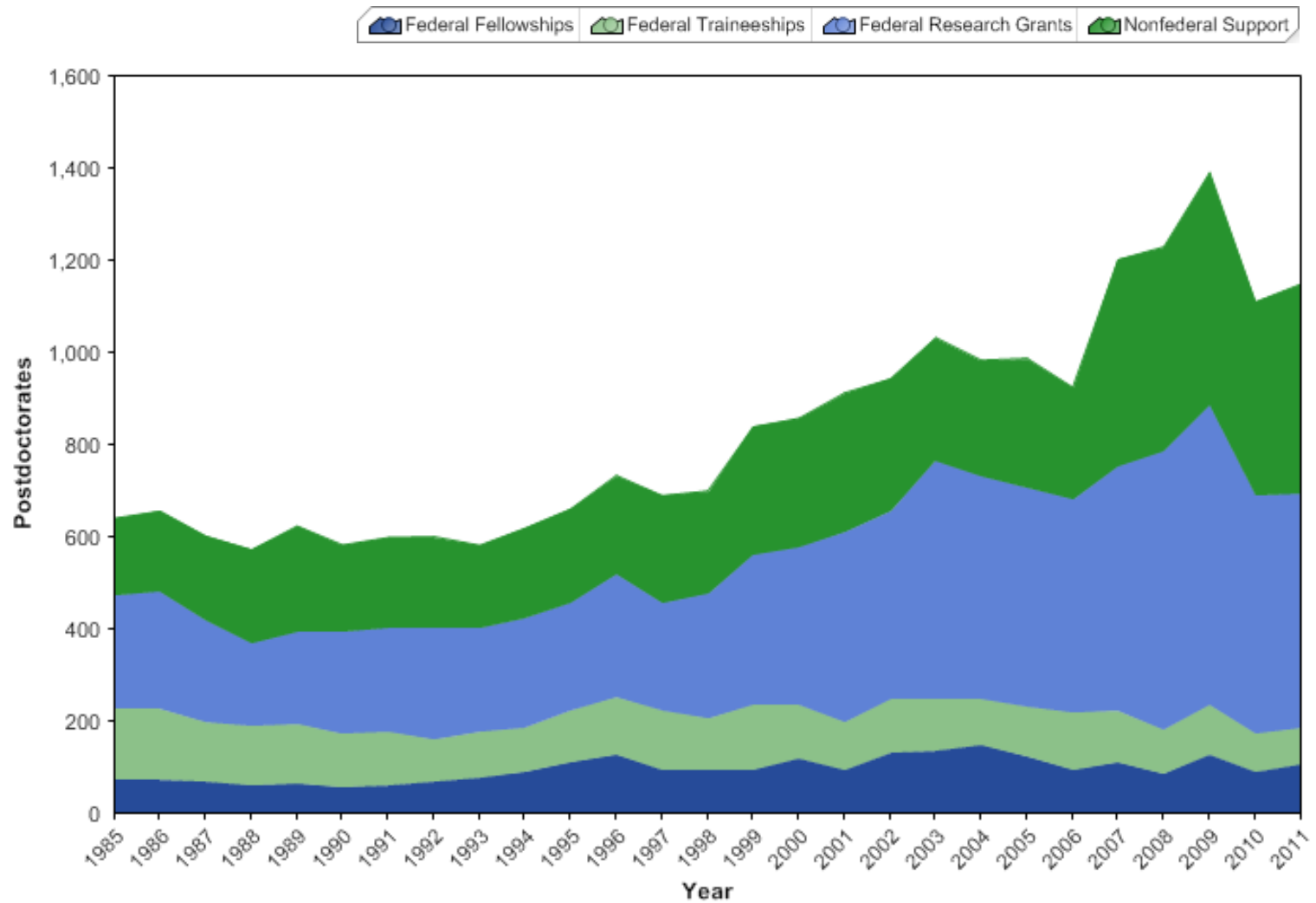
Primary source of support for postdoctorates



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