



CSR DATA BOOK 2004

Basic Data Relating to the Center for Scientific Review
National Institutes of Health

Prepared by the Office of Planning, Evaluation and Analysis, CSR

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Forward

The National Institutes of Health (NIH) peer review system is recognized as the cornerstone of the remarkable success of the NIH extramural program. This system is the principal mechanism by which the NIH funding Institutes and Centers (ICs) identify quality research that is highly worthy of support. The focal point of the NIH peer review system is the Center for Scientific Review (CSR).

CSR receives all competing applications for the NIH as well for some other components of the Department of Health and Human Services (DHHS) and assigns them to the potential funding component—whether it is one of the 24 NIH ICs that fund grants, or one of the other agencies within DHHS. Applications to be reviewed within CSR are further assigned to the Integrated Review Group (IRG) that will manage the review (an IRG is a cluster of scientifically related peer review panels). Subsequently, staff performs further referral to the appropriate study section. In general, CSR manages the review of most investigator-initiated applications (e.g., R01, fellowship, small business applications); while ICs manage the review of applications in response to specific programmatic initiatives or utilizing mechanisms for research that is highly mission-specific for the IC (e.g., Requests for Applications, multicenter clinical trials, etc.). CSR has consistently handled 65-70 percent of the reviews of competing NIH extramural grant applications over the last 5 years.

CSR's Office of Planning, Evaluation and Analysis (OPEA) has produced this Data Book to help make the NIH peer review process as performed by CSR more transparent. It should be noted that review data within this report only represent reviews performed by CSR and do not include data from reviews performed within the ICs. Descriptive data for most CSR procedures and review outcomes over the previous five years are presented in this document. It should also be noted that analyses in this publication were originally performed primarily to inform CSR and NIH management of CSR operations and internal processes. Applications affect CSR workload as soon as they are received. Because of this, data presented in Section I focus on applications received within the NIH fiscal year (October 1 through September 30). CSR is also interested in dynamics of and review outcomes from peer review meetings that occur within a given fiscal year. Data in Section II focus on numbers of applications, application types, types of peer review meetings and study section

member composition. Data in Section III focus on outcomes of peer review meetings. The set of application data in Section I differs slightly from the set of data used in Sections II and III because not all applications received in a fiscal year (focus of Section I) are reviewed within that fiscal year (focus of Sections II and III)—i.e., applications received late in a fiscal year will be reviewed the following fiscal year.

More information about the NIH's receipt, referral, and review processes is available on the CSR website at <http://www.csr.nih.gov> and on NIH's Office of Extramural Research (OER) website at <http://grants2.nih.gov/grants/peer/peer.htm>. Information on funding opportunities, grant applications and forms, NIH award data, grants policy, Electronic Research Administration (eRA), and general information about the NIH Extramural Program is available from the OER Homepage <http://grants2.nih.gov/grants/oer.htm>. Finally, further information about CSR is available in the CSR Annual Report, which is available at http://www.csr.nih.gov/events/peer_review_topics.htm.

Comments

Any comments or questions about the data shown here should be referred to prn@csr.nih.gov.

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Glossary and Technical Notes

Fiscal Year (FY): Data about review outcomes (e.g., priority scores or percentile ranks) in this report were compiled primarily by the fiscal year in which the applications were reviewed. This includes applications reviewed for consideration by the January, May and August/October Advisory Councils of the indicated year. Data relating to the receipt of applications were compiled by the Federal Government fiscal year, which runs October 1 through September 30.

Grant Mechanism: Is a budget activity or grouping of related activities. Some examples of frequently used grant mechanisms include research project grants (e.g., R01, R03, and R21), small business grants (e.g., R41, R42, R43, and R44), and the training mechanisms, which include career development (K series), fellowship (F series) and training program (T series) activities.

IMPACII (Information for Management, Planning, Analysis, and Coordination II): The NIH computer-based system for information about Public Health Service (PHS) extramural programs, and the primary source for the data in this report.

Percentiling: For some scientific review groups, some types of applications are ranked in percentiles according to priority scores given in the current and previous two review rounds. This percentiling procedure has a normalizing effect on scientific review group scores, but without the transposition to a normalized score. As with priority scores, the lower the numerical value, the greater the relative merit of the application. Percentiling is done to attempt to compensate for differences among scientific review groups in rating behavior.

Priority Scores: These show a scientific review group's evaluation of the relative scientific and technical merit of research applications. Using an interval of 0.1, individual members “vote” scores from 1.0 (highest merit) to 5.0 (lowest merit). The average of member votes multiplied by 100 results in the application’s three digit priority score, which can range from 100 to 500.

Program Announcement (PA): NIH Institutes use PAs to announce their interest in building or enhancing a research program in a particular area. A PA typically is an ongoing solicitation that allows an Institute to accept applications for multiple receipt dates and for up to 3 years. A PA specifies the scope and objectives of the research of interest, application requirements and procedures, and review criteria to be applied. There are two variations of the standard PA: a Program Announcement with Set-Aside Funds (PAS) and a Program Announcement Reviewed in an Institute (PAR).

Requests for Application (RFA): NIH ICs use RFAs as a one-time solicitation for grant applications addressing a defined research topic. Each RFA specifies the scope and objectives of the research to be proposed, application requirements and procedures, and the

review criteria to be applied in the evaluation of applications submitted in response to the RFA. Although there are exceptions, these types of solicitations offer only one Application Receipt Date.

Reviewed: Applications designated as "reviewed" are assigned an IRG recommendation code: 1 = to be considered for funding, 2 = not recommended for further consideration (NRFC), or 6 = not competitive and not given a priority score (streamlined). (See page 52 for a more indepth description of these review outcomes.) In this publication, applications assigned to CSR scientific review groups but subsequently withdrawn or deferred were not counted as reviewed.

Scientific Review Administrator (SRA): The federal scientist responsible for all operations of a study section. SRAs are responsible for implementation of all review policies and procedures and ensure that each application receives a fair and competent review. The SRA is the primary contact for both program staff and the applicant before the study section meeting regarding concerns about the initial review of an application. At peer review (study section) meetings, the SRA serves as the Designated Federal Official with legal responsibility for managing the review panel meeting and receiving the recommendations on behalf of NIH. After the peer review meeting, the SRA supervises the release of priority scores and prepares and releases summary statements for each application reviewed.

Study Section (also called a Scientific Review Group): A panel of scientists who evaluate the scientific merit of a group of grant applications. Members of a study section are recruited for their expertise and experience and generously volunteer their time and effort to the peer review system. Additional information about differences in the types of study sections that CSR oversees is available in Section II (page 30).

Type Codes: Application type codes are as follows: 1) New, 2) Competing Continuation, 3) Supplement, 4) Extension, 5) Non-Competing Continuation, 7) Change of Grantee or Training Institution, and 9) Change of Institute or Center (competitive renewal). Applications with no type code were incomplete.

A glossary of additional terms commonly used in NIH peer review is available at <http://www.csr.nih.gov/review/terms.htm>, and a somewhat more technical but nearly comprehensive glossary of terms used in the NIH grants process is available on the National Institute of Allergy and Infectious Diseases website at <http://www.niaid.nih.gov/ncn/glossary/default.htm>.

CENTER FOR SCIENTIFIC REVIEW DATA BOOK, FY 2004

SECTION I: RECEIPT AND REFERRAL

The Division of Receipt and Referral (DRR) is the central receipt point for all new, revised, competing continuation, and supplemental applications submitted to the NIH and to some other components of DHHS. DRR referral officers assign each application to one or more institutes/centers for eventual funding consideration and, for applications to be reviewed by CSR, to a review panel with the expertise to evaluate the scientific and technical merit of the application. DRR performs a variety of other functions, including establishing receipt dates for RFAs, checking applications for compliance with grant application policies, working with investigators to address problems with grant submissions, and making multiple decisions for each application. DRR also serves as an editor in the development of the referral guidelines for the review and institute/center assignments, and serves as an information source about grant application submission policies and procedures for both applicants and NIH extramural staff.

Basic information about the NIH receipt and referral process is available at http://www.csr.nih.gov/Welcome/Grant_Application.htm, and a frequently asked questions document regarding submitting an application to NIH is available at <http://www.csr.nih.gov/Welcome/FAQ.htm>. For more information about CSR's Division of Receipt and Referral, please visit CSR's Annual Reports for FY 2003 and 2004 listed at http://www.csr.nih.gov/events/peer_review_topics.htm.

It should be noted that review data within this report only represent reviews performed by CSR and do not include data from reviews performed within the ICs. Descriptive data for most CSR procedures and review outcomes over the previous five years are presented in this document. It should also be noted that analyses in this publication were originally performed primarily to inform CSR and NIH management of CSR operations and internal processes. Applications affect CSR workload as soon as they are received. Because of this, data presented in Section I focus on applications received within the NIH fiscal year (October 1 through September 30). CSR is also interested in dynamics of and review outcomes from peer review meetings that occur within a given fiscal year. Data in Section II focus on numbers of applications, application types, types of peer review meetings and study section member composition. Data in Section III focus on outcomes of peer review meetings. The set of application data in Section I differs slightly from the set of data used in Sections II and III because not all applications received in a fiscal year (focus of Section I) are reviewed within that fiscal year (focus of Sections II and III)—i.e., applications received late in a fiscal year will be reviewed the following fiscal year.

Technical Note: Because dates that applications were received at CSR were not captured in IMPACII prior to 2001, receipt and referral data primarily focus on fiscal years 2001 through 2004.

Applications Received by CSR:

Table 1. Applications Received by CSR, by Mechanism and Fiscal Year, FY 2001-2004

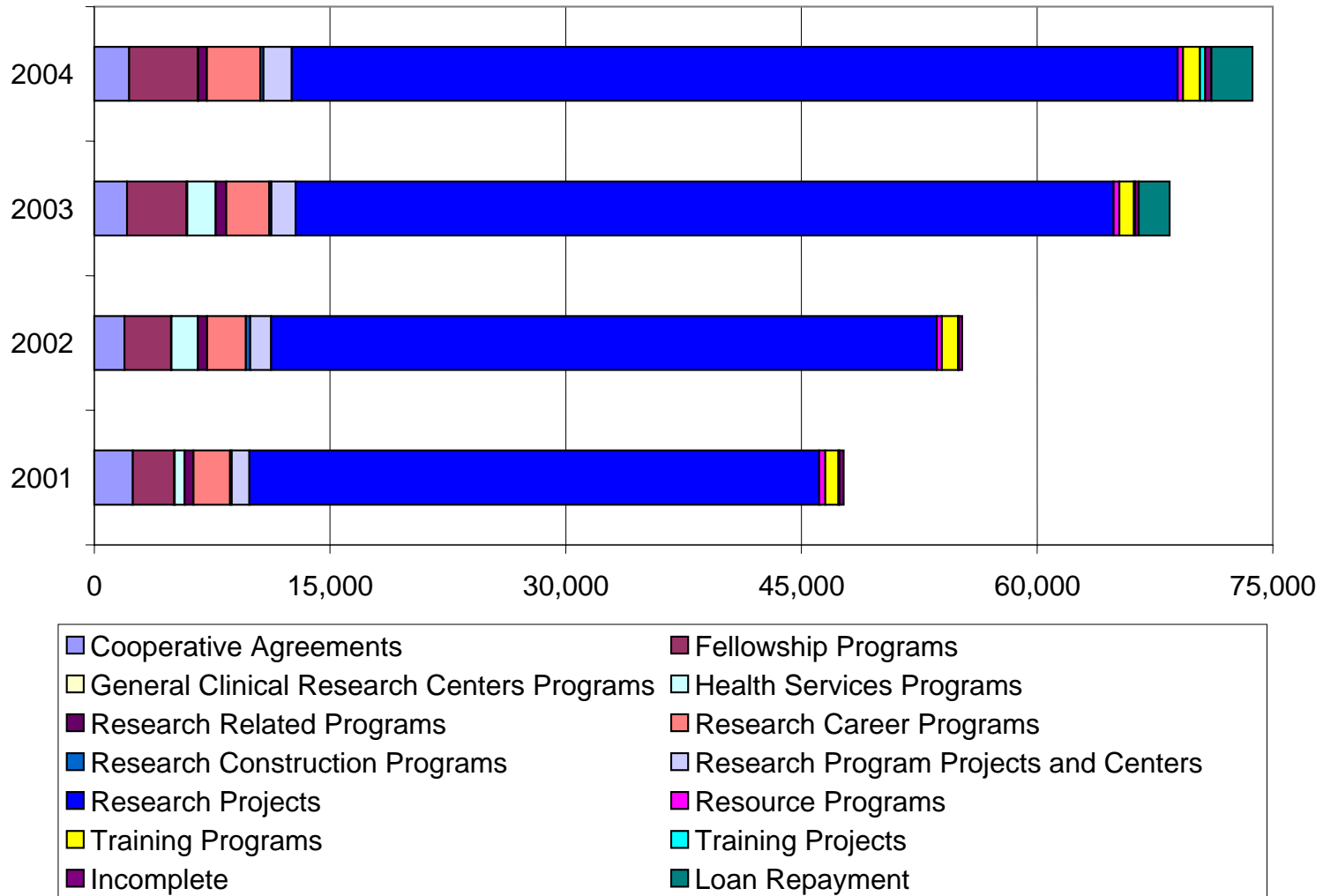
Mechanism	Fiscal Year			
	2001	2002	2003	2004
Research Projects	36,275	42,356	52,070	56,395
Fellowship Programs	2,627	2,957	3,785	4,368
Research Career Programs	2,340	2,467	2,732	3,411
Cooperative Agreements¹	2,441	1,919	2,089	2,222
Health Services Programs²	634	1,675	1,821	-
Research Program Projects and Centers	1,118	1,341	1,535	1,798
Training Programs	834	1,020	916	1,080
Loan Repayment Program³	-	-	1,964	2,620
Research Related Programs	554	588	664	547
Resource Programs	374	331	369	322
Research Construction Programs	101	279	143	193
Training Projects	71	30	80	346
General Clinical Research Centers Programs	49	33	36	20
Incomplete Applications	277	241	224	389
Grand Total	47,695	55,237	68,428	73,711

¹ Includes a small number of applications that were reviewed under other mechanisms (i.e., R01, P01, P20, etc.) and converted to Cooperative Agreements at the time of funding

² Received by NIH for the Substance Abuse and Mental Health Services Administration (SAMHSA) until fiscal year 2004

³ The Loan Repayment Program was set up to provide for the repayment of the educational loan debt of qualified health professionals involved in various types of research or for specific communities of researchers.

Figure 1: Applications Received at CSR, FY 2001-2004 by Mechanism



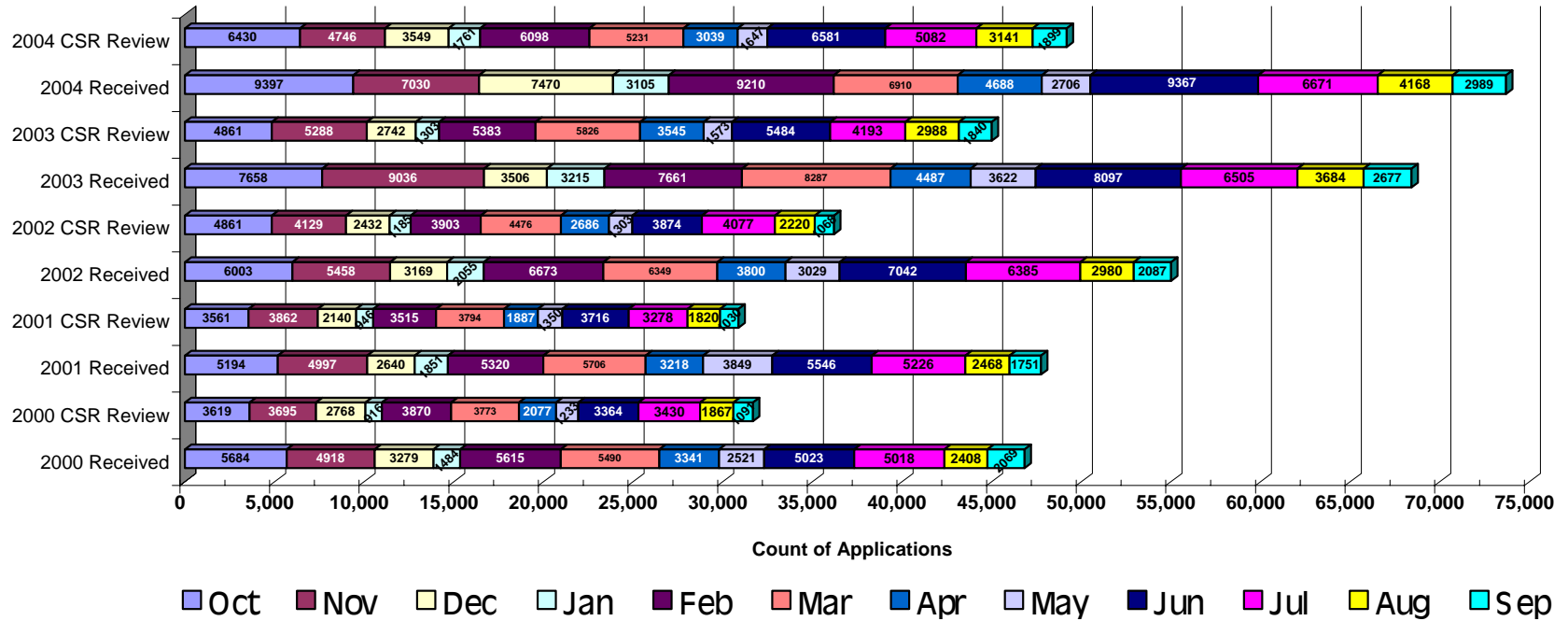
Applications Received by CSR by Month of Receipt:

Table 2. Applications Received and the Percent Referred to CSR for Review, by Month, FY 2000-2004⁴

Month	2000		2001		2002		2003		2004	
	Received	% CSR Rev	Received	% CSR Rev	Received	% CSR Rev	Received	% CSR Rev	Received	% CSR Rev
Oct	5,684	63.7	5,189	68.5	6,082	66.6	7,658	63.5	9,398	68.4
Nov	4,918	75.1	4,987	77.3	5,437	75.6	9,036	58.5	7,030	67.5
Dec	3,279	84.4	2,639	81.1	3,168	76.7	3,506	78.2	7,470	47.5
Jan	1,484	61.7	1,848	51.0	2,060	57.5	3,214	40.5	3,105	56.7
Feb	5,615	68.9	5,318	65.9	6,739	57.9	7,661	70.3	9,210	66.2
Mar	5,490	68.7	5,693	66.5	6,342	70.5	8,284	70.3	6,910	75.7
Apr	3,341	62.2	3,213	58.6	3,797	70.7	4,486	79.0	4,688	64.8
May	2,521	48.9	3,843	35.0	3,026	43.2	3,622	43.4	2,706	60.9
June	5,023	67.0	5,538	66.9	7,163	54.2	8,097	67.7	9,367	70.3
July	5,018	68.4	5,213	62.8	6,349	64.6	6,504	64.5	6,671	76.2
Aug	2,408	77.5	2,464	73.8	2,995	78.7	3,684	81.1	4,168	75.4
Sept	2,069	52.7	1,750	58.6	2,080	52.2	2,677	68.7	2,989	63.5
Total	46,850	67.7	47,695	64.8	55,238	64.4	68,429	65.8	73,713	66.8

⁴ Data prior to 2001 were obtained from IMPAC, the precursor to IMPACII.

Figure 2: Applications Received at CSR and Applications Assigned to CSR for Review, by Month of FY



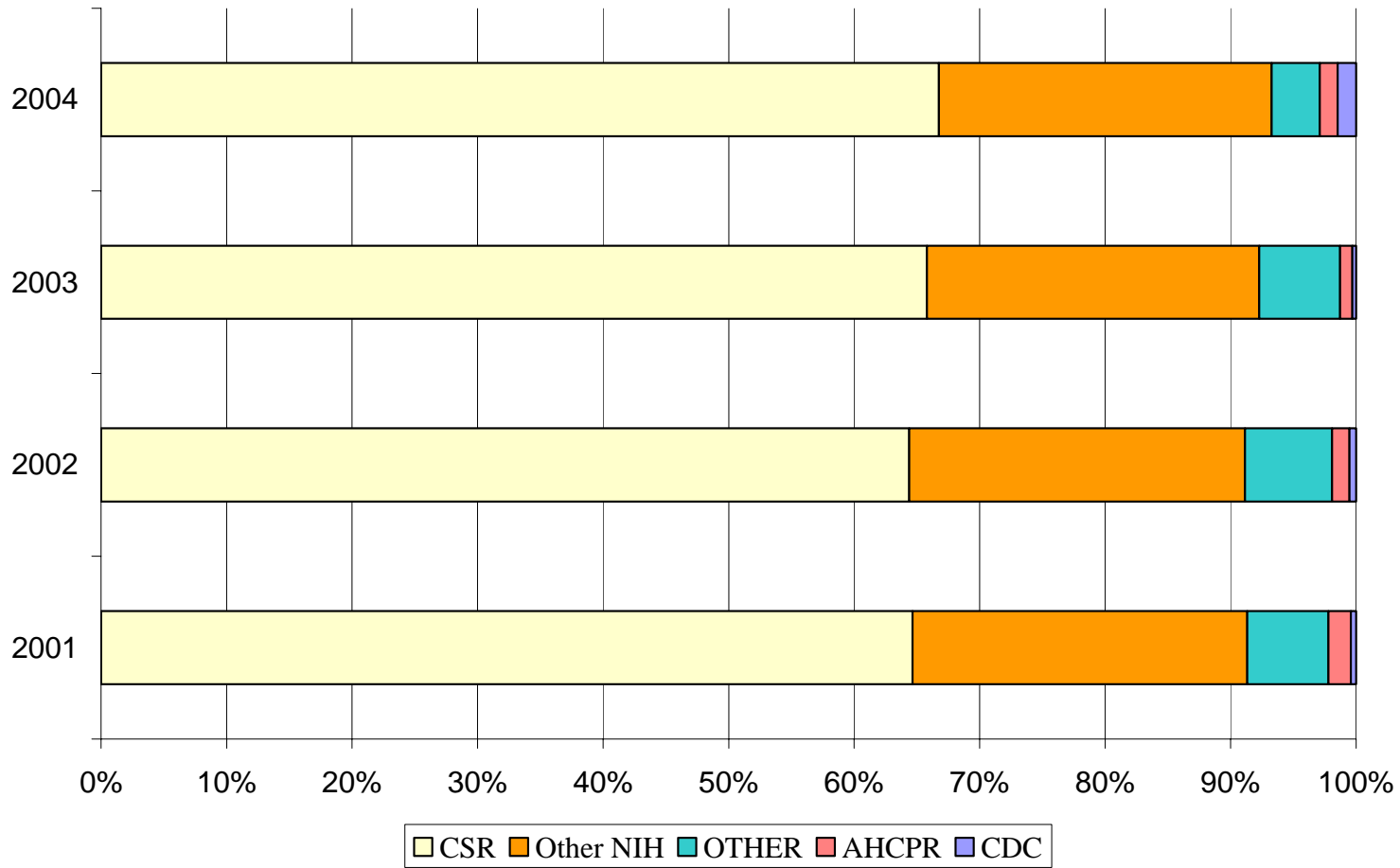
Applications Assigned for Review to CSR or to Other Public Health Service (PHS) Components:

Table 3. Applications Assigned to CSR or to Other PHS Components for Review⁵, FY 2001-2004

PHS Component	Fiscal Year							
	2001		2002		2003		2004	
	#	%	#	%	#	%	#	%
Center For Scientific Review	30,837	64.7	35,566	64.4	45,023	65.8	49,204	66.8
Other NIH Institutes/Centers	12,717	26.7	14,775	26.7	18,129	26.5	19,545	26.5
Centers for Disease Control & Prevention (CDC)	202	0.4	294	0.5	212	0.3	1,078	1.5
Agency for Health Care Policy and Research (AHCPR)	848	1.8	768	1.4	668	1.0	1,063	1.4
Other	3,091	6.5	3,835	6.9	4,397	6.4	2,823	3.8

⁵ Note that this table reports where applications received by CSR are referred for review. Not all agencies that CSR receives applications for are listed because CSR or other PHS components review their applications. For example, applications are received by CSR for the Food and Drug Administration (FDA), but for the years listed all of those FDA applications were reviewed either by CSR or other PHS components. Therefore, FDA is not listed in this table.

Figure 3: Percent of Applications Assigned to CSR or to Other PHS Components for Review, FY 2001-2004



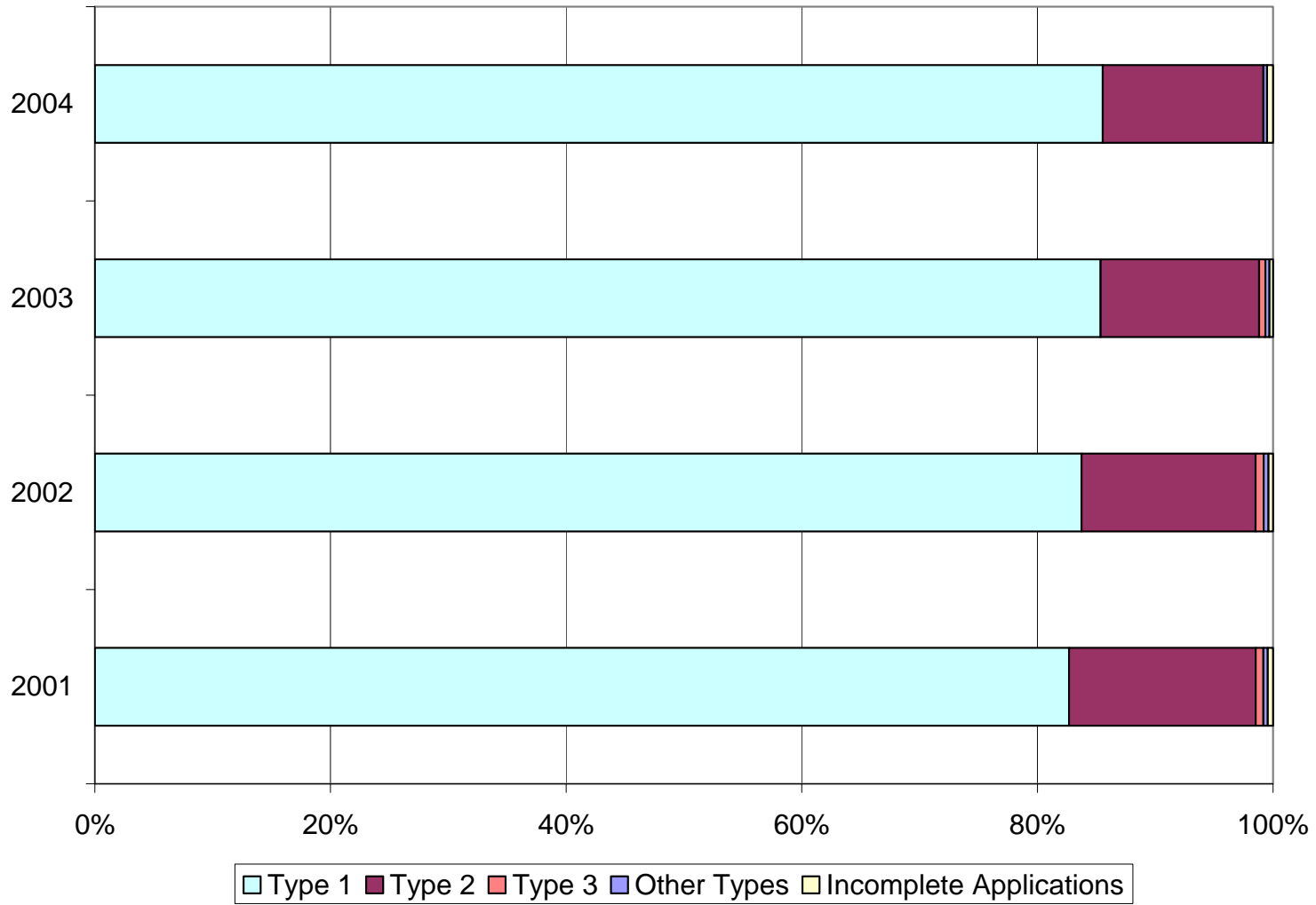
Applications Received at CSR by Type Code:

Table 4. Applications Received at CSR by Type Code, FY 2001-2004

Type Code ⁶	Fiscal Year							
	2001		2002		2003		2004	
	#	%	#	%	#	%	#	%
1	39,431	82.7	46,153	83.6	58,300	85.2	62,268	84.5
2	7,561	15.9	8,266	15.0	9,307	13.6	10,454	14.2
3	316	0.7	374	0.7	373	0.5	397	0.5
4	76	0.2	93	0.2	96	0.1	77	0.1
7	1	0.0	-	0.0	-	0.0	-	0.0
9	100	0.2	139	0.3	135	0.2	149	0.2
none	210	0.4	212	0.4	217	0.3	366	0.5
Total	47,695	100	55,237	100	68,428	100	73,711	100

⁶ Type codes are as follows: 1) New; 2) Competing Continuation; 3) Supplement; 4) Extension; 5) Non-Competing Continuation - non-competing applications do not get reviewed at CSR; 7) Change of Grantee or Training Institution; 9) Change of Institute or Center (competitive renewal); applications with no type code were incomplete.

Figure 4: Applications Received at CSR by Type, FY 2001-2004



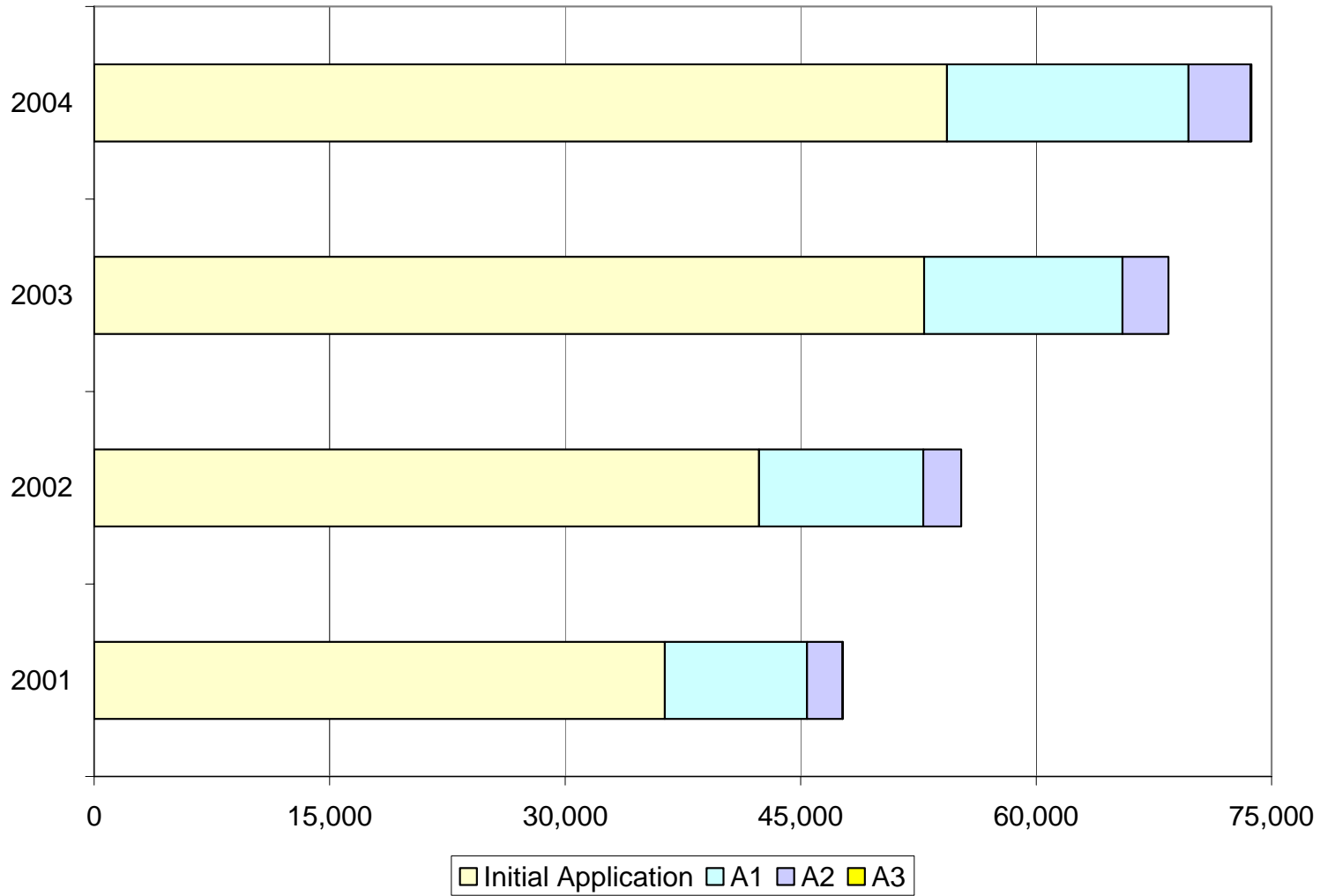
Applications Received by CSR by Amendment:

Table 5. Number and Percent of Applications Received by CSR by Amendment, FY 2001-2004

Amendment ⁷	Fiscal Year							
	2001		2002		2003		2004	
	#	%	#	%	#	%	#	%
Initial Application	36,344	76.2	42,344	76.6	52,857	77.2	54,316	73.7
A1	9,067	19.0	10,474	19.0	12,646	18.5	15,391	20.9
A2	2,261	4.7	2,418	4.4	2,925	4.3	3,953	5.4
A3	23	0.1	2	0	1	0	53	0.1
Total	47,695	100	55,238	100	68,429	100	73,713	100

⁷ Initial applications are occasionally referred to as original applications or A0 (not amended). Each time an application is revised and resubmitted to NIH it is considered an amendment of the initial application. An application revised and resubmitted once is referred to as a first amendment (A1) and an application that is revised and resubmitted a second time is considered a second amendment (A2). Since June 1997, the NIH no longer accepts A3 or higher amendments to an application for extramural support. There have been a few exceptions following study section reorganizations, but A3 amendments constituted only 0.1% of the applications received from 2000-2004.

Figure 5: Applications Received at CSR, FY 2001-2004 by Amendment



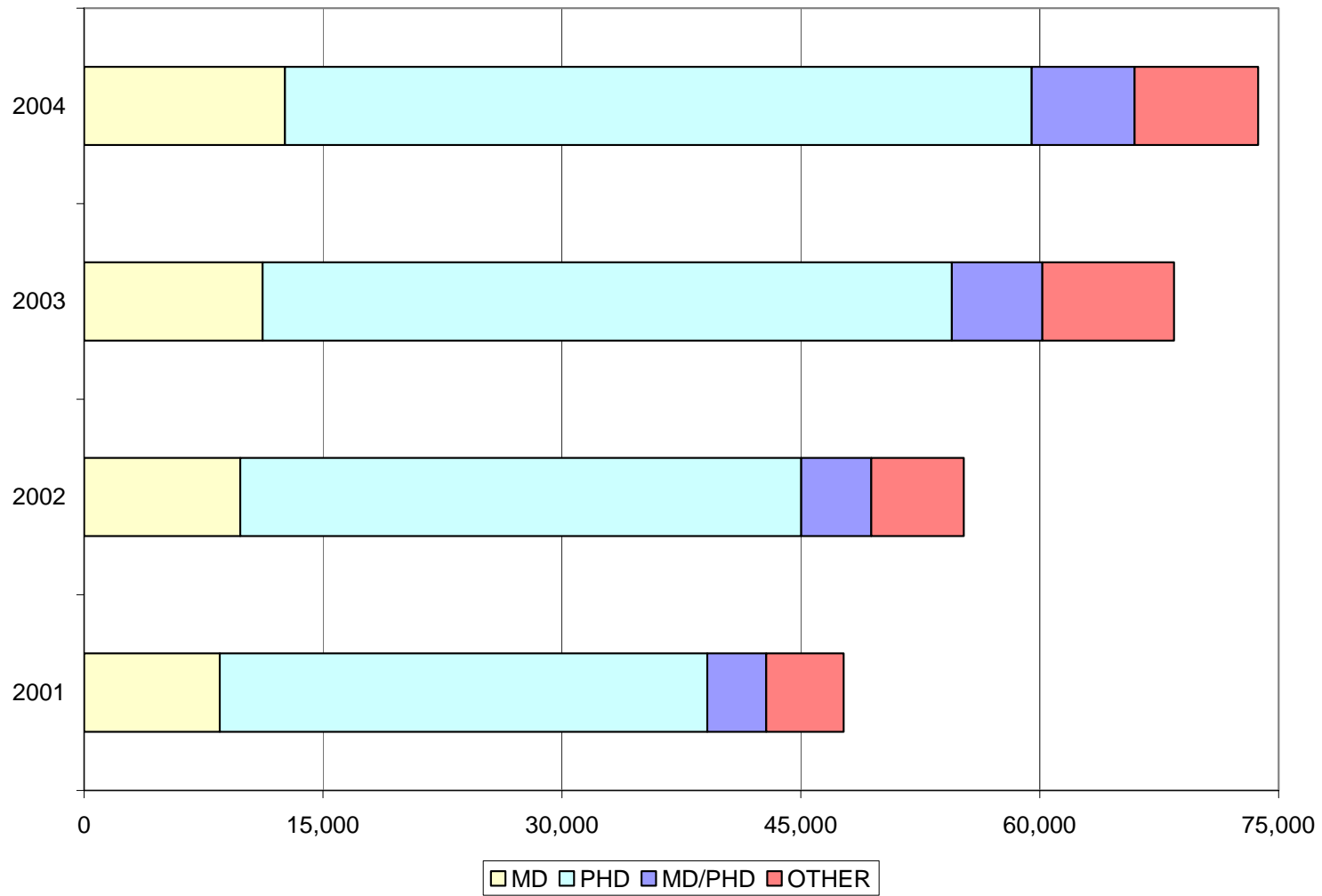
Applications Received at CSR by PI Degree:

Table 6. Applications Received at CSR by PI Degree, FY 2001-2004

Degrees ⁸	Fiscal Year							
	2001		2002		2003		2004	
	#	%	#	%	#	%	#	%
MD	8,516	17.9	9,807	17.7	11,206	16.4	12,613	17.1
MD/PHD	3,697	7.7	4,397	8.0	5,684	8.3	6,473	8.8
PHD	30,620	64.2	35,215	63.8	43,285	63.2	46,880	63.6
OTHER	4,862	10.2	5,818	10.5	8,253	12.1	7,745	10.5
Total	47,695	100	55,237	100	68,428	100	73,711	100

⁸ Classification of PI degrees included MD equivalent degrees (MD, MBBS, MB, DO, and MDOT [Medical Doctor Other]) and PhD equivalent degrees (PhD, DSc, ScD, DPH, and DRPH); all other degrees were categorized as "Other"

Figure 6: Applications Received at CSR, FY 2001-2004 by PI Degree



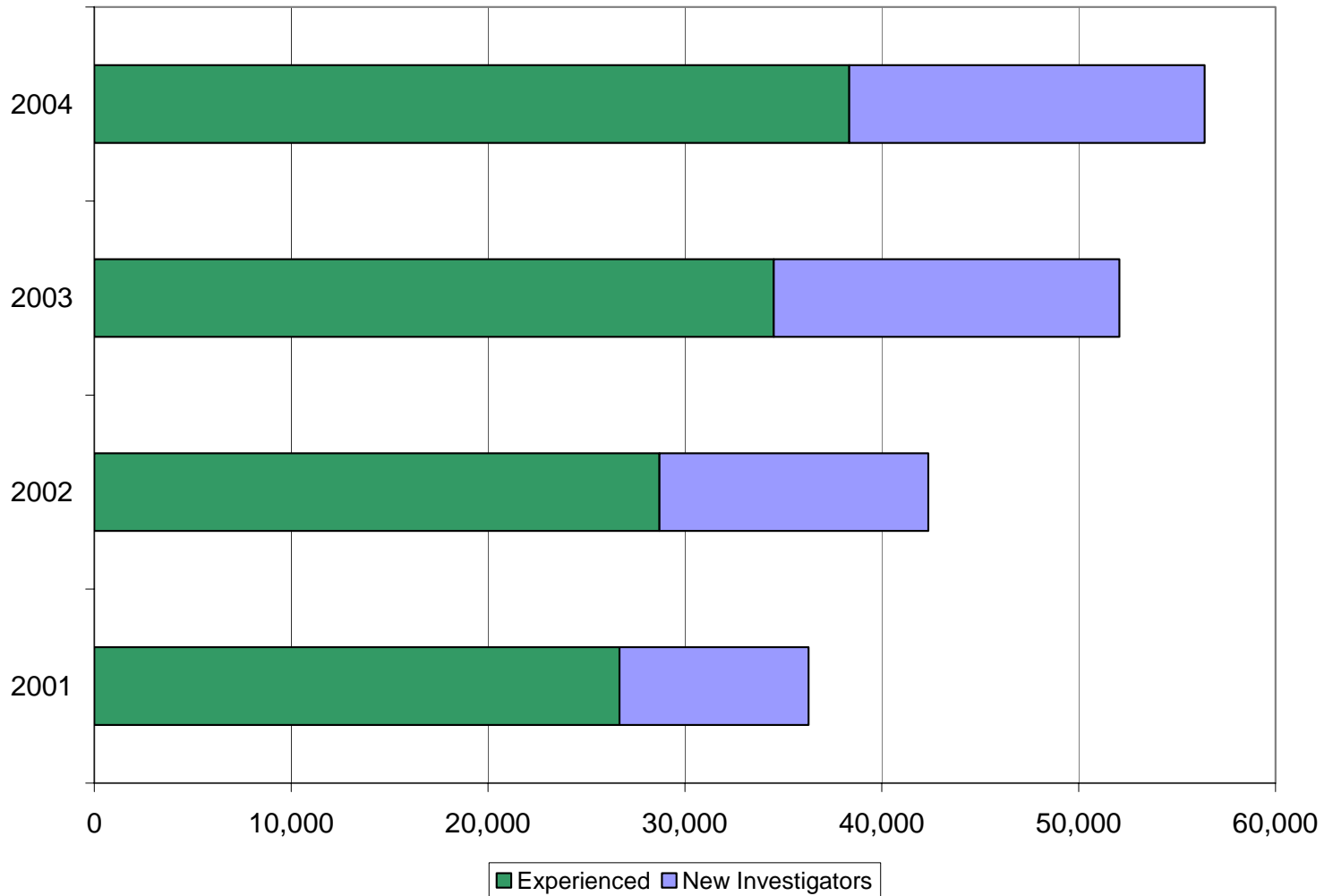
Research Project Applications Received from New and Experienced Investigators:

Table 7. Research Project Applications Received from New and Experienced Investigators FY 2001-2004

	Fiscal year			
	2001	2002	2003	2004
Experienced Investigators	26,680	28,713	34,519	38,349
New Investigators⁹	9,595	13,643	17,552	18,047
% New Investigators	26.4	32.2	33.7	32.0
Total	36,275	42,356	52,071	56,396

⁹ A new investigator is defined in the PHS 398 instructions as a principal investigator who “has not previously served as such on any PHS-supported research project other than a small grant (R03), an Academic Research Enhancement Award (R15), an exploratory/developmental grant (R21), or research career awards directed principally to physicians, dentists, or veterinarians at the beginning of their research career (K01, K08, K22, and K23).” Our data are based on the self identification of new or experienced investigators using the “new investigator” checkbox on the PHS 398 face page and on identification by NIH staff.

Figure 7: Research Project Applications Received at CSR, FY 2001-2004, New vs. Experienced Investigators



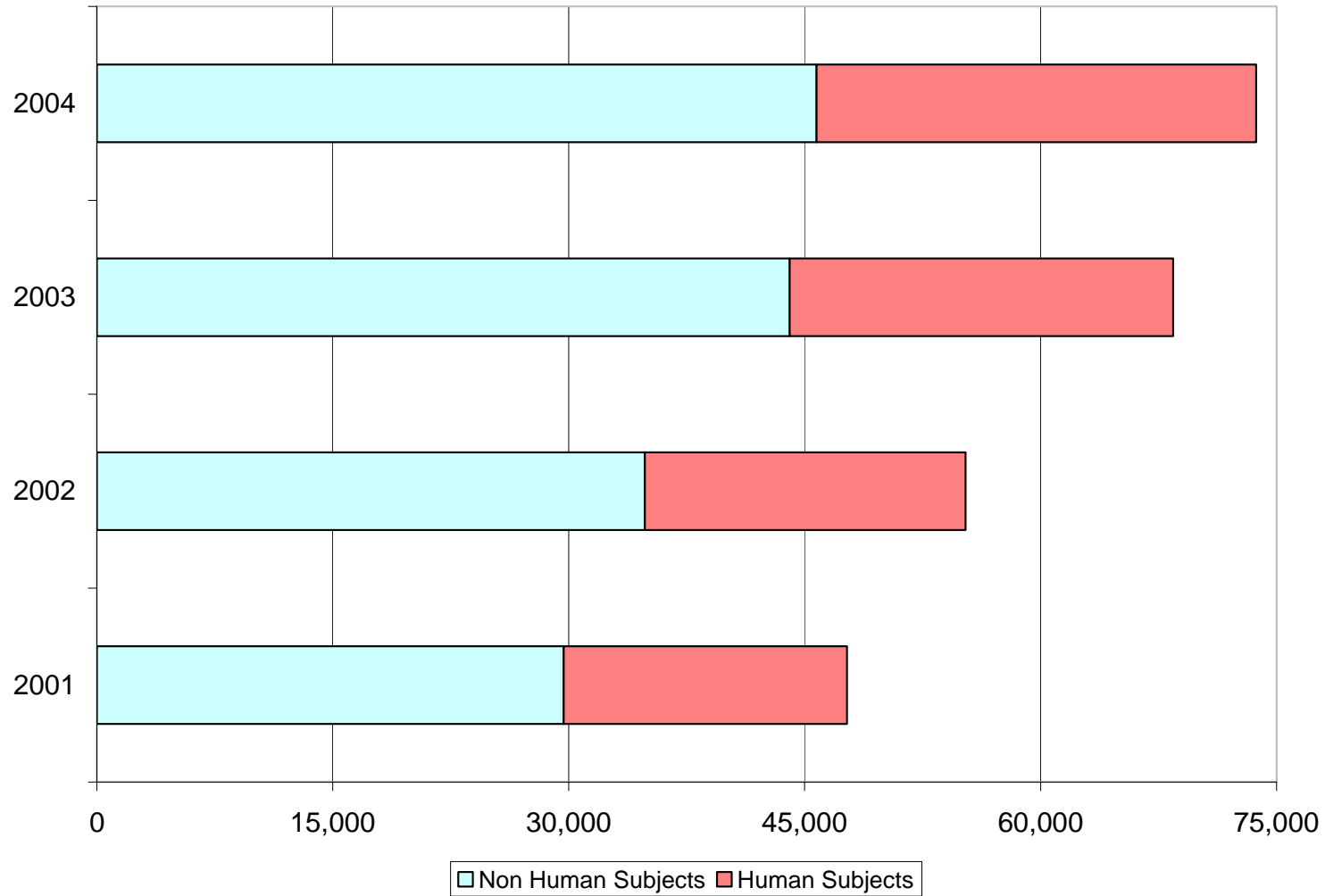
Human Subject Applications Received by CSR:

Table 8. Applications Involving Human Subjects¹⁰ Received by CSR, FY 2001-2004

	Fiscal Year			
	2001	2002	2003	2004
No Human Subjects	29,680	34,837	44,057	45,758
Human Subjects	18,015	20,400	24,371	27,953
% Human Subjects	37.8	36.9	35.6	37.9
Total	47,695	55,237	68,428	73,711

¹⁰ An application was considered to involve human subjects if it had any of the codes used in IMPACII to designate that human subjects, tissues, behavioral data, etc. were used as part of the study.

Figure 8: Applications Received at CSR by Human Subject Involvement, FY 2001-2004



Applications Received in Response to Requests for Applications and Program Announcements:

Most grant applications received by CSR were unsolicited and were submitted by individual investigators. Other applications were received in response to Program Announcements (PA) issued by the Institutes to indicate an area of high priority or special concern. Smaller proportions of applications were received in response to Requests for Applications (RFA) issued by the Institutes to solicit grant applications in a well-defined scientific area for a specific scientific purpose.¹¹

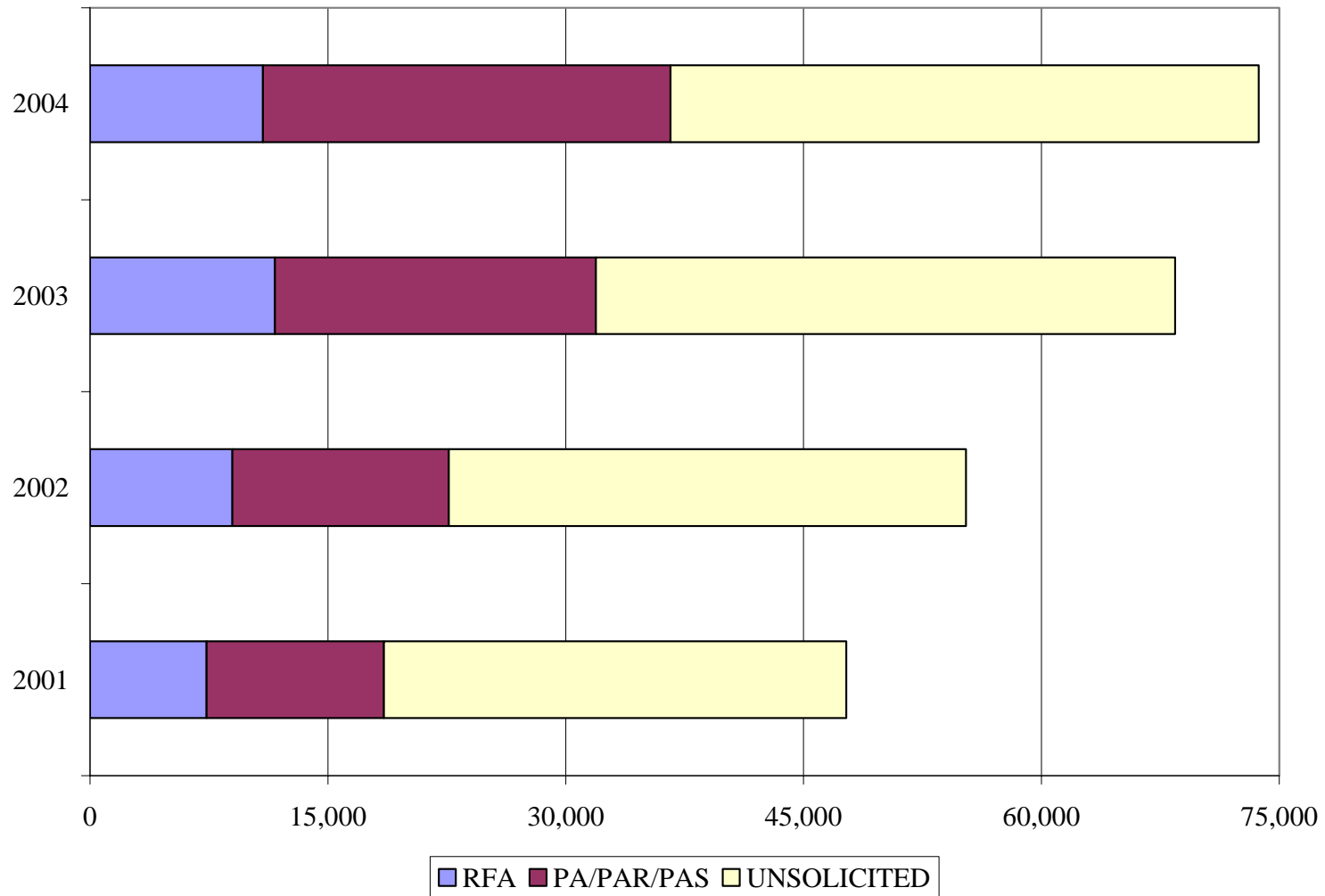
Table 9. Number and Percent of RFA, PA, and Unsolicited Applications Received by CSR, FY 2001-2004

Type of application	Fiscal Year							
	2001		2002		2003		2004	
	#	%	#	%	#	%	#	%
RFA	7,355	15.4	8,984	16.3	11,665	17.0	10,903	14.8
PA¹²	11,176	23.4	13,644	24.7	20,236	29.6	25,702	34.9
Unsolicited	29,164	61.2	32,610	59.0	36,528	53.4	37,108	50.3
Total	47,695	100.0	55,238	100.0	68,429	100.0	73,713	100

¹¹ Reference: OER website, <http://grants1.nih.gov/grants/intro2oer.htm>

¹² “Program Announcements” includes PAR and PAS (PAR and PAS are defined on page 6)

Figure 9: Applications Received at CSR, FY 2001-2004, RFA vs. PA/PAR/PAS



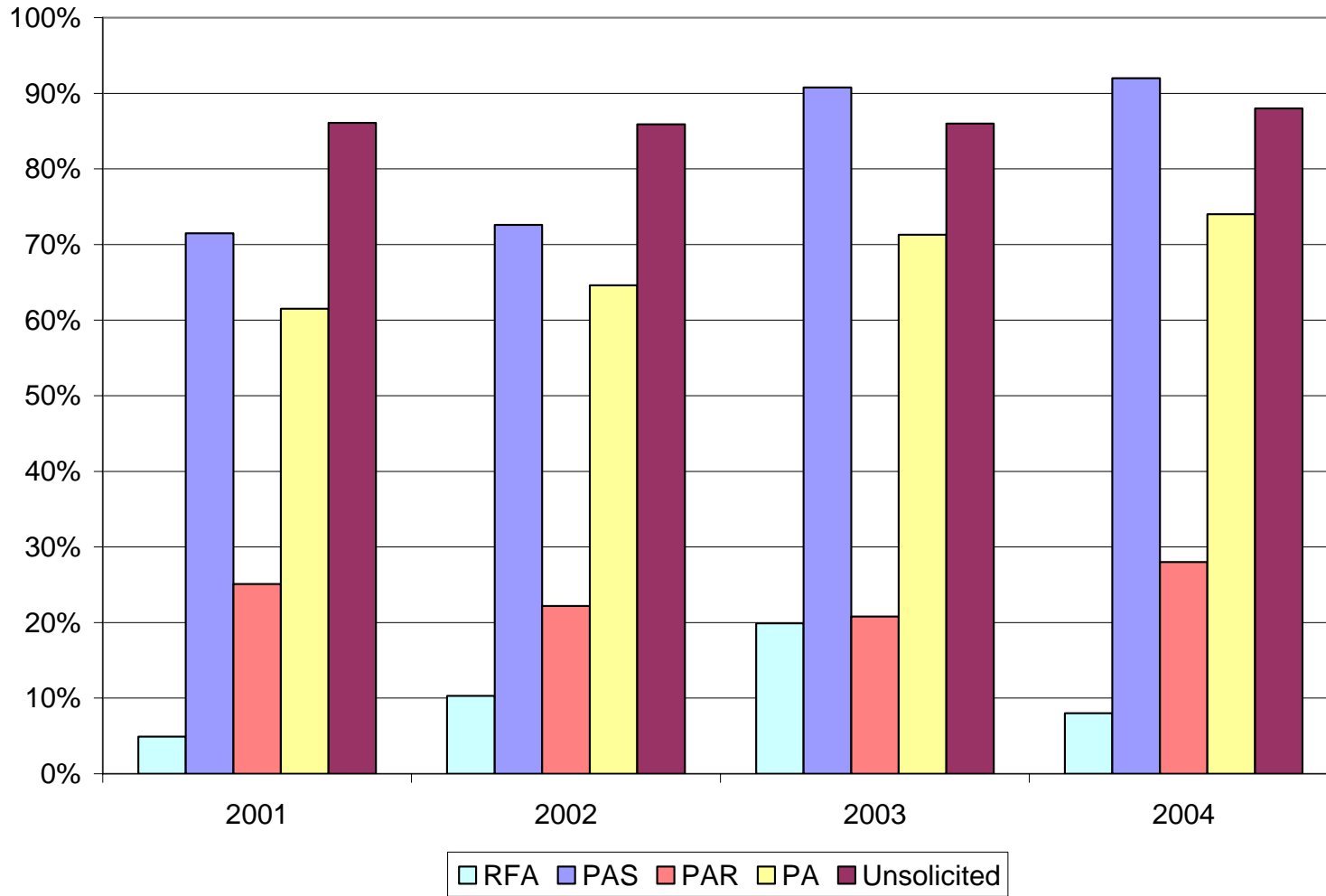
RFA and PA Applications Referred to CSR for Review:

Table 10. Number and Percent of RFA, PA and Unsolicited Applications Referred to CSR¹³ and Other NIH ICs, FY 2001-2004

FY	Reviewed By	RFA		PAS		PAR		PA		Unsolicited	
		#	%	#	%	#	%	#	%	#	%
2001	CSR	361	4.9	228	71.5	1,072	25.1	4,052	61.5	25,124	86.2
	Other ICs	6,994	95.1	91	28.5	3,193	74.9	2,540	38.5	4,040	13.8
2002	CSR	930	10.4	209	72.6	1,112	22.2	5,400	64.6	27,915	85.6
	Other ICs	8,054	89.6	79	27.4	3,886	77.8	2,958	35.4	4,695	14.4
2003	CSR	2,325	19.9	585	90.8	1,296	20.7	9,514	71.3	31,303	85.7
	Other ICs	9,340	80.1	59	9.2	4,952	79.3	3,830	28.7	5,225	14.3
2004	CSR	822	7.5	650	92.5	2,027	28.1	13,068	73.5	32,637	88.0
	Other ICs	10,081	92.5	53	7.5	5,184	71.9	4,720	26.5	4,471	12.0

¹³ These data include applications received within an actual FY (October 1 through September 30) and referred to either a CSR or another NIH IC review panel. Data will slightly differ from actual review outcome data (Section 3), where numbers are based on council cycle within a FY.

Figure 10: Percent of RFA, PA and Unsolicited Applications Referred to CSR for Review, FY 2001-2004



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CENTER FOR SCIENTIFIC REVIEW DATA BOOK, FY 2004

SECTION II: REVIEW MEETINGS

CSR reviews applications in two general types of review meetings: 1) standing meetings and 2) non-recurring Special Emphasis Panels (SEPs). Most applications are reviewed in standing meetings, which generally take place three times per year. Standing meetings include both chartered meetings and regularly recurring SEPs. Members of chartered meetings include a core group of reviewers who regularly attend the meetings and temporary reviewers who provide any additional expertise needed to enhance the review of those applications received for review by the panel in any given review round. Standing meetings can include “**Regular**” meetings that focus on review of research project grant applications (especially R01s), “**Small Business**” meetings, which review Small Business Innovation Research (SBIR) and Small Business Technology Transfer Research (STTR) applications (e.g., R41, R42, R43, and R44), and “**Fellowship**” meetings that focus on review of pre-doctoral and post-doctoral fellowship applications (e.g., F31, F32, and F33). Non-recurring SEPs include meetings to accommodate review of applications that cannot be reviewed in a standing meeting because of a potential conflict of interest or for other special circumstances (e.g., a small group of applications that require special expertise not available in any standing study sections).

The following section reports data relating to the management and composition of CSR review meetings. It should be noted that these data do not include reviews performed by other NIH ICs. For more information about CSR’s peer review panels and their organization please see “Descriptions of the Integrated Review Groups, Study Sections, and Small Business Activities of the Center for Scientific Review” (<http://www.csr.nih.gov/review/irgdesc.htm>). Information and updates about the recent changes in CSR’s peer review structure are available at <http://www.csr.nih.gov/review/reorgact.asp> and also in CSR’s Annual Reports for FYs 2003 and 2004 at http://www.csr.nih.gov/events/peer_review_topics.htm.

It should be noted that review data within this report only represent reviews performed by CSR and do not include data from reviews performed within the ICs. Descriptive data for most CSR procedures and review outcomes over the previous five years are presented in this document. It should also be noted that analyses in this publication were originally performed primarily to inform CSR and NIH management of CSR operations and internal processes. Applications affect CSR workload as soon as they are received. Because of this, data presented in Section I focus on applications received within the NIH fiscal year (October 1 through September 30). CSR is also interested in dynamics of and review outcomes from peer review meetings that occur within a given fiscal year. Data in Section II focus on numbers of applications, application types, types of peer review meetings and study section member composition. Data in Section III focus on outcomes of peer review meetings. The set of application data in Section I differs slightly from the set of data used in Sections II and III because not all applications received in a fiscal year (focus of Section I) are reviewed within that fiscal year (focus of Sections II and III)—i.e., applications received late in a fiscal year will be reviewed the following fiscal year.

Review Meeting Types:

Table 11. Number and Percent of Applications Referred to CSR for Review by Meeting Type and Council Round, FY 2003 & 2004

Meeting Type ¹⁴	Council							
	January 2003		May 2003		October 2003		FY 2003 Total	
	#	%	#	%	#	%	#	%
Standing Meetings	10,009	86.9	11,860	84.5	12,317	76.5	34,186	82.0
Regular ¹⁵	8,005	69.5	9,216	65.7	9,485	58.8	26,706	64.1
Small Business ¹⁶	1,443	12.5	1,652	11.8	1,934	12.0	5,029	12.1
Fellowship ¹⁷	561	4.9	992	7.1	898	5.6	2,451	5.9
Non Recurring Special Emphasis Panels (SEP) ¹⁸	1,512	13.1	2,172	15.5	3,803	23.6	7,487	18.0
Total	11,521	100.0	14,032	100.0	16,120	100.0	41,673	100.0

Meeting Type	Council							
	January 2004		May 2004		October 2004		FY 2004 Total	
	#	%	#	%	#	%	#	%
Standing Meetings	11,949	84.3	13,596	81.8	12,896	79.6	38,441	81.8
Regular	9,349	65.9	10,937	65.8	10,661	65.8	30,947	65.8
Small Business	1,836	12.9	1,611	9.7	1,360	8.4	4,807	10.2
Fellowship	764	5.4	1,048	6.3	875	5.4	2,687	5.7
Non Recurring Special Emphasis Panels (SEP)	2,230	15.7	3,019	18.2	3,307	20.4	8,556	18.2
Total	14,179	100.0	16,615	100.0	16,203	100.0	46,997	100.0

¹⁴ Data on meeting types are only available for 2003 and 2004.

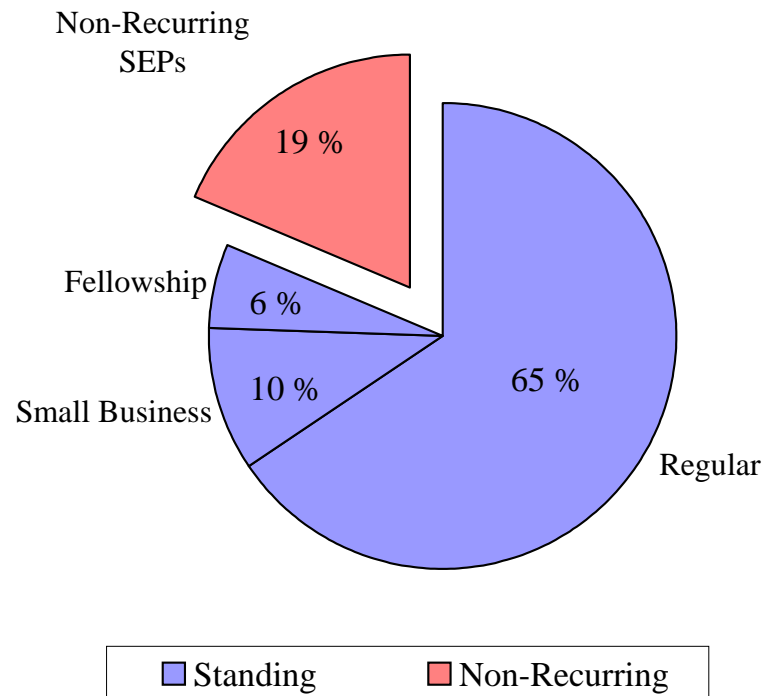
¹⁵ Data for this class of meetings include chartered (no group code) or regularly recurring meetings that used the IMPACII group code = 01.

¹⁶ Includes SBIR and STTR applications. Data for this class of meetings are based on the use of the IMPACII group code = 10.

¹⁷ Data for this class of meetings are based on the use of the IMPACII group code = 20.

¹⁸ Data for this class of meetings include all SEPs that fall outside the categories described in notes 11-13 above.

Figure 11: Applications Referred to CSR in FY 2004 by the Type of Meeting in Which They Were Reviewed



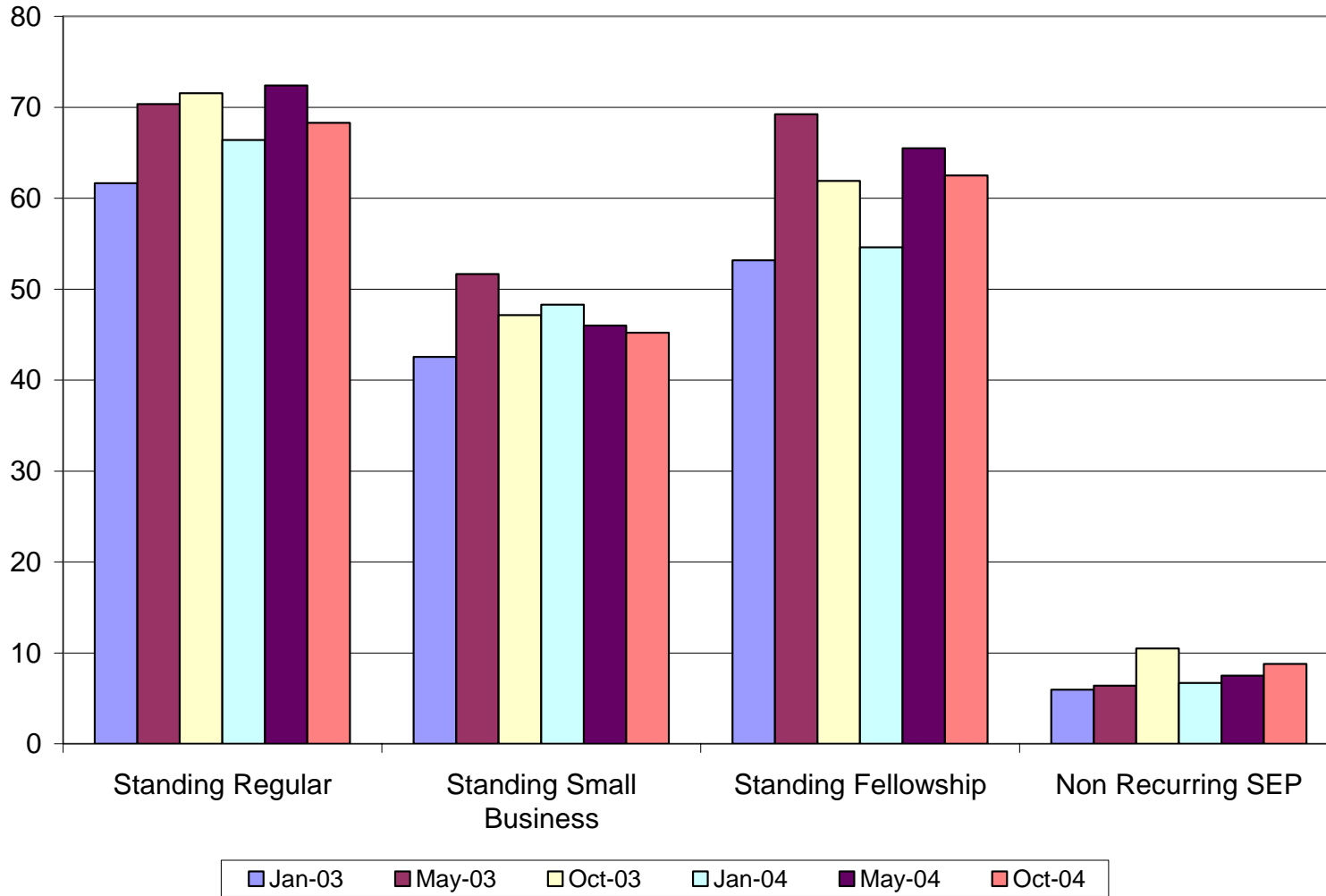
Review Meetings and Applications:

Table 12. Numbers of Review Meetings and Applications by Meeting Type and Council Round, FY 2003 & 2004

Type of meeting	Council					
	January 2003		May 2003		October 2003	
	Meetings	Applications	Meetings	Applications	Meetings	Applications
Standing Meetings	174	10,009	174	11,860	186	12,317
Regular	129	8,005	130	9,216	132	9,485
Small business	34	1,443	32	1,652	41	1,934
Fellowship	11	561	12	992	13	898
Non Recurring SEP	274	1,512	378	2,172	372	3,803
Total	448	11,521	552	14,032	558	16,120

Type of meeting	Council					
	January 2004		May 2004		October 2004	
	Meetings	Applications	Meetings	Applications	Meetings	Applications
Standing Meetings	193	11,949	202	13,596	200	12,896
Regular	141	9,349	151	10,937	156	10,661
Small business	38	1,836	35	1,611	30	1,360
Fellowship	14	764	16	1,048	14	875
Non Recurring SEP	332	2,230	403	3,019	404	3,307
Total	525	14,179	605	16,615	604	16,203

Figure 12: Average Number of Applications Reviewed per Meeting, by Meeting Type and Council Round, FY 2003-2004



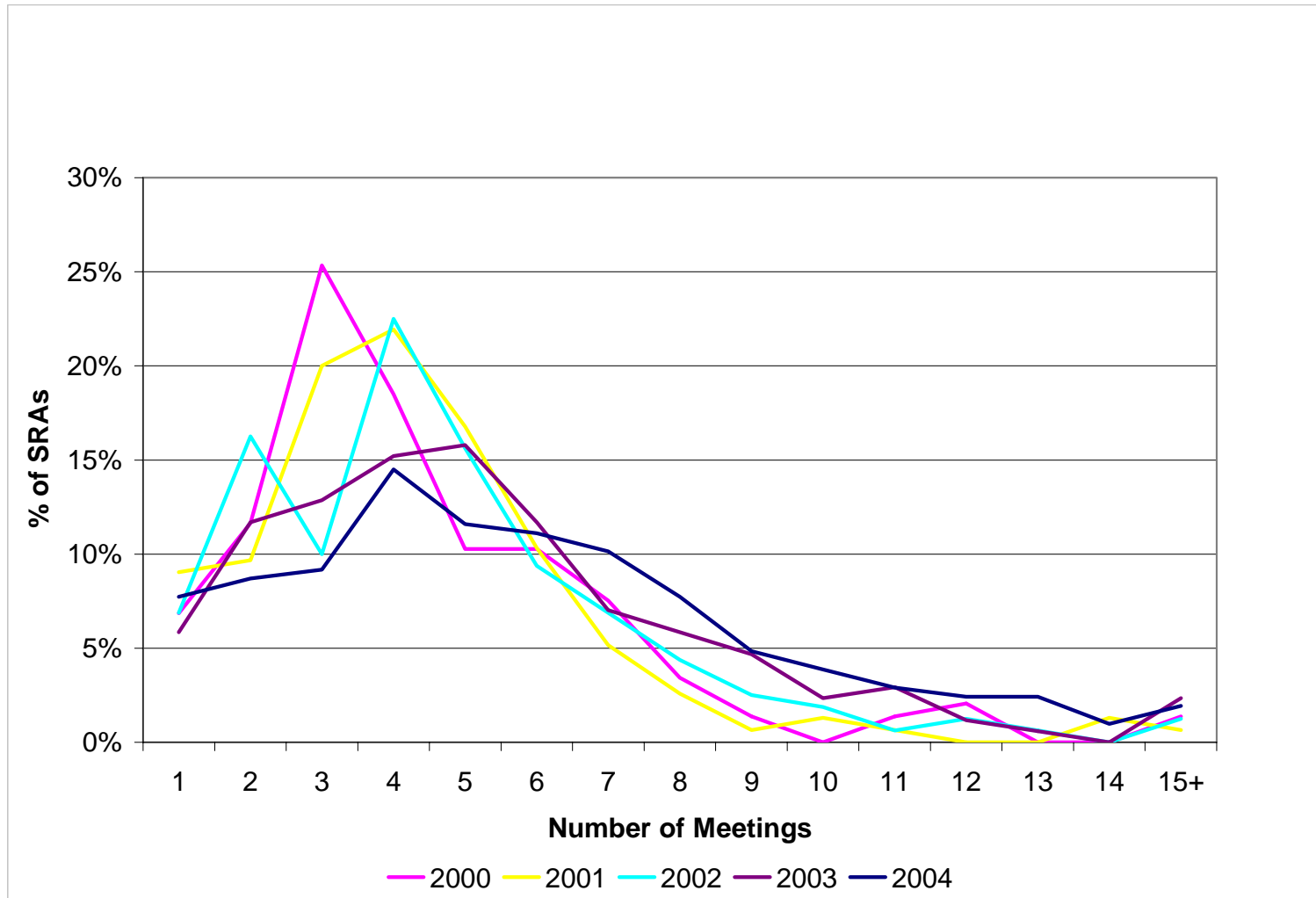
Scientific Review Administrator (SRA) Meeting Workloads:

Table 13. Annual (3 Review Rounds) Meeting Workloads for CSR Scientific Review Administrators, FY 2000 - 2004

Meetings ¹⁹	2000		2001		2002		2003		2004	
	# SRAs	%	# SRAs	%	# SRAs	%	# SRAs	%	# SRAs	%
1	10	6.8	14	9.0	11	6.9	10	5.8	16	7.7
2	17	11.6	15	9.7	26	16.3	20	11.7	18	8.7
3	37	25.3	31	20	16	10	22	12.9	19	9.2
4	27	18.5	34	21.9	36	22.5	26	15.2	30	14.5
5	15	10.3	26	16.8	25	15.6	27	15.8	24	11.6
6	15	10.3	16	10.3	15	9.4	20	11.7	23	11.1
7	11	7.5	8	5.2	11	6.9	12	7.0	21	10.1
8	5	3.4	4	2.6	7	4.4	10	5.8	16	7.7
9	2	1.4	1	0.6	4	2.5	8	4.7	10	4.8
10	0	0	2	1.3	3	1.9	4	2.3	8	3.9
11	2	1.4	1	0.6	1	0.6	5	2.9	6	2.9
12	3	2.1	0	0	2	1.3	2	1.2	5	2.4
13	0	0	0	0	1	0.6	1	0.6	5	2.4
14	0	0	2	1.3	0	0	0	0	2	1.0
15	2	1.4	1	0.6	2	1.3	4	2.3	4	1.9
Total	146	100.0	155	100.0	160	100.0	171	100.0	207	100.0
Median Number Meetings Per SRA	4		4		4		5		5	

¹⁹ Counts include each instance where an individual employed by CSR was listed as the Designated Federal Official of a peer review meeting overseen by CSR over the course of the FY. This analysis includes new hires, departing employees, and others who worked for only a portion of the FY. The analysis also includes IRG Chiefs and others who may have reduced review responsibilities because of other duties.

Figure 13: Scientific Review Administrator Meeting Workloads, FY 2000 - 2004



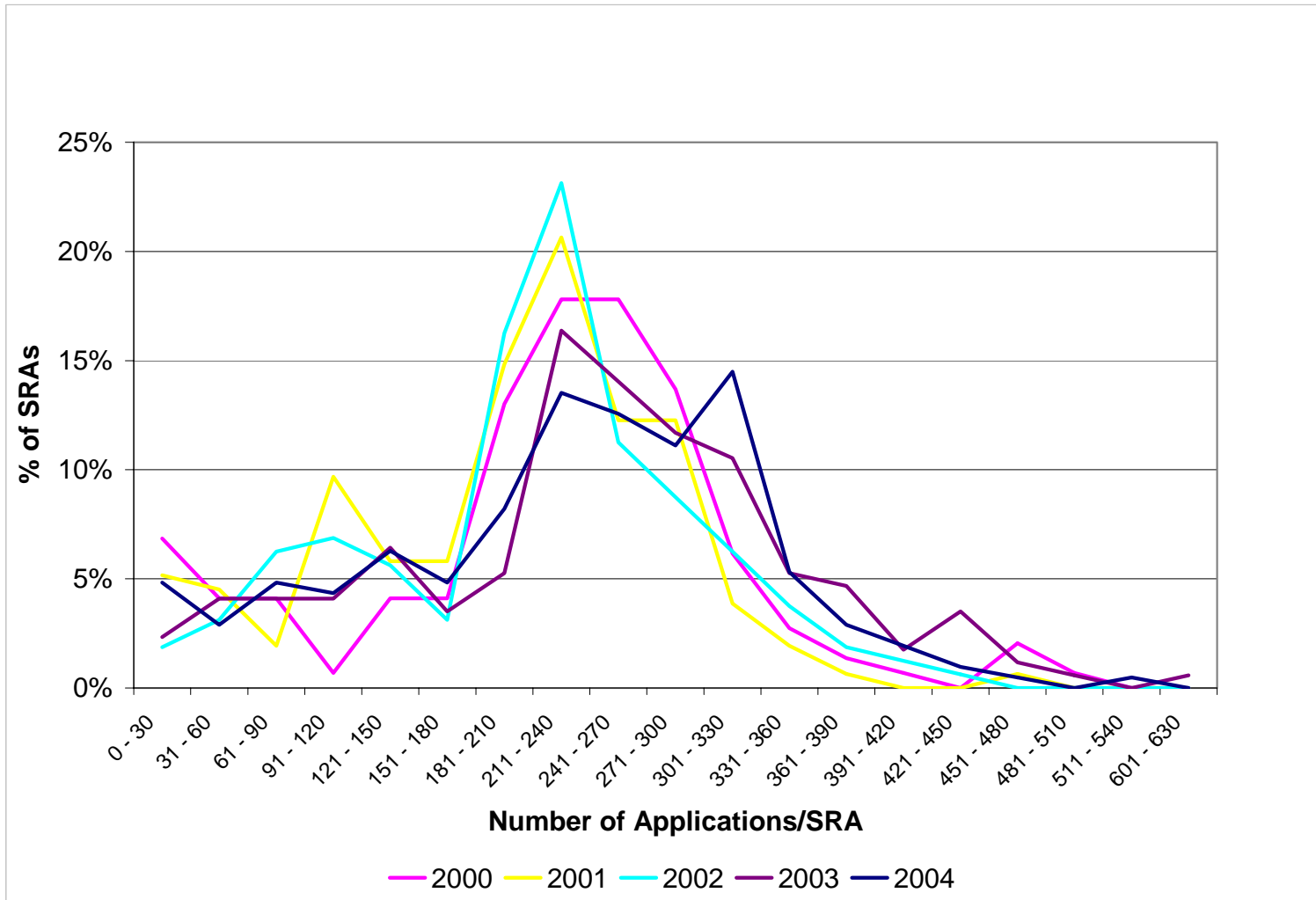
SRA Application Workloads:

Table 14. Annual (3 Review Rounds) Application Workloads for CSR Scientific Review Administrators, FY 2000 - 2004

Number of Applications ²⁰	2000		2001		2002		2003		2004	
	# SRAs	%	# SRAs	%	# SRAs	%	# SRAs	%	# SRAs	%
0 - 30	10	6.8	8	5.2	3	1.9	4	2.3	10	4.8
31 - 60	6	4.1	7	4.5	5	3.1	7	4.1	6	2.9
61 - 90	6	4.1	3	1.9	10	6.3	7	4.1	10	4.8
91 - 120	1	0.7	15	9.7	11	6.9	7	4.1	9	4.3
121 - 150	6	4.1	9	5.8	9	5.6	11	6.4	13	6.3
151 - 180	6	4.1	9	5.8	5	3.1	6	3.5	10	4.8
181 - 210	19	13.0	23	14.8	26	16.3	9	5.3	17	8.2
211 - 240	26	17.8	32	20.6	37	23.1	28	16.4	28	13.5
241 - 270	26	17.8	19	12.3	18	11.3	24	14.0	26	12.6
271 - 300	20	13.7	19	12.3	14	8.8	20	11.7	23	11.1
301 - 330	9	6.2	6	3.9	10	6.3	18	10.5	30	14.5
331 - 360	4	2.7	3	1.9	6	3.8	9	5.3	11	5.3
361 - 390	2	1.4	1	0.6	3	1.9	8	4.7	6	2.9
391 - 420	1	0.7	0	0	2	1.3	3	1.8	4	1.9
421 - 450	0	0	0	0	1	0.6	6	3.5	2	1.0
451 - 480	3	2.1	1	0.6	0	0	2	1.2	1	0.5
481 - 510	1	0.7	0	0	0	0	1	0.6	0	0.0
511 - 540	0	0	0	0	0	0	0	0	1	0.5
601 - 630	0	0	0	0	0	0	1	0.6	0	0.0
Total	146	100	155	100	160	100	171	100	207	100

²⁰ This analysis includes new hires, departing employees, and other employees who worked for only a portion of the FY, and IRG Chiefs and others who may have reduced review responsibilities because of other duties. All applications are included in this analysis, and it is important to note that some application types require substantially more work than others. For example, one P01 application represents approximately the same amount of work as ten R01 applications. This analysis does not account for the work requirement differences among different application types.

Figure 14: Scientific Review Administrator Application Workloads, FY 2000 - 2004



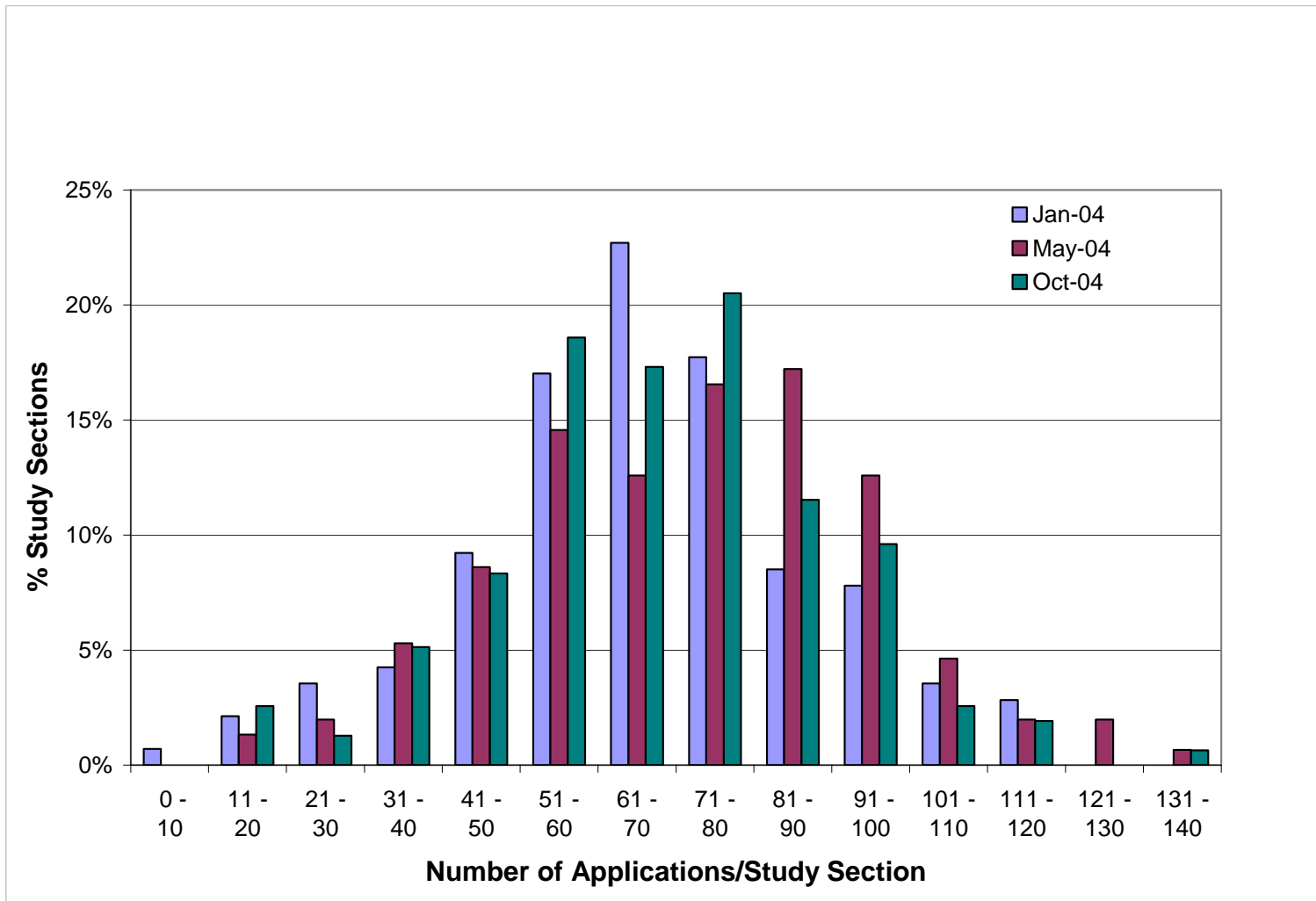
Study Section Workloads:

Table 15. Number of Applications per Meeting, FY 2003-2004²¹

Number of Applications Assigned	Number of meetings															
	Standing Regular				Standing Small Business				Standing Fellowship				Non Recurring SEPs			
	2003		2004		2003		2004		2003		2004		2003		2004	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
0 - 10	1	0.3	1	0.2	16	15.1	18	17.3	0	0	2	4.5	876	86.4	952	83.1
11 - 20	8	2.0	9	2.0	9	8.5	6	5.8	0	0	0	0.0	31	3.1	78	6.8
21 - 30	10	2.6	10	2.2	13	12.3	10	9.6	4	11.1	0	0.0	28	2.8	35	3.1
31 - 40	26	6.6	22	4.9	6	5.7	12	11.5	5	13.9	8	18.2	32	3.2	25	2.2
41 - 50	41	10.5	39	8.7	13	12.3	8	7.7	9	25.0	7	15.9	9	0.9	15	1.3
51 - 60	66	16.9	75	16.7	14	13.2	12	11.5	2	5.6	6	13.6	15	1.5	12	1.0
61 - 70	68	17.4	78	17.4	7	6.6	16	15.4	4	11.1	4	9.1	9	0.9	11	1.0
71 - 80	70	17.9	82	18.3	11	10.4	10	9.6	4	11.1	5	11.4	6	0.6	7	0.6
81 - 90	43	11.0	56	12.5	6	5.7	5	4.8	3	8.3	6	13.6	5	0.5	7	0.6
91 - 100	23	5.9	45	10.0	6	5.7	5	4.8	0	0	2	4.5	2	0.2	1	0.1
101 - 110	17	4.3	16	3.6	1	0.9	1	1.0	1	2.8	2	4.5	1	0.1	0	0.0
111 - 120	9	2.3	10	2.2	2	1.9	1	1.0	1	2.8	1	2.3	0	0	0	0.0
121 - 130	4	1.0	3	0.7	2	1.9	0	0.0	3	8.3	1	2.3	0	0	1	0.1
131 - 140	5	1.3	2	0.4	0	0	0	0.0	0	0	0	0	0	0	1	0.1
Total	391	100	448	100	106	100	104	100	36	100	44	100	1014	100	1145	100
Median Count Of Applications	68		66.5		45		47		51.5		57.5		2		2	

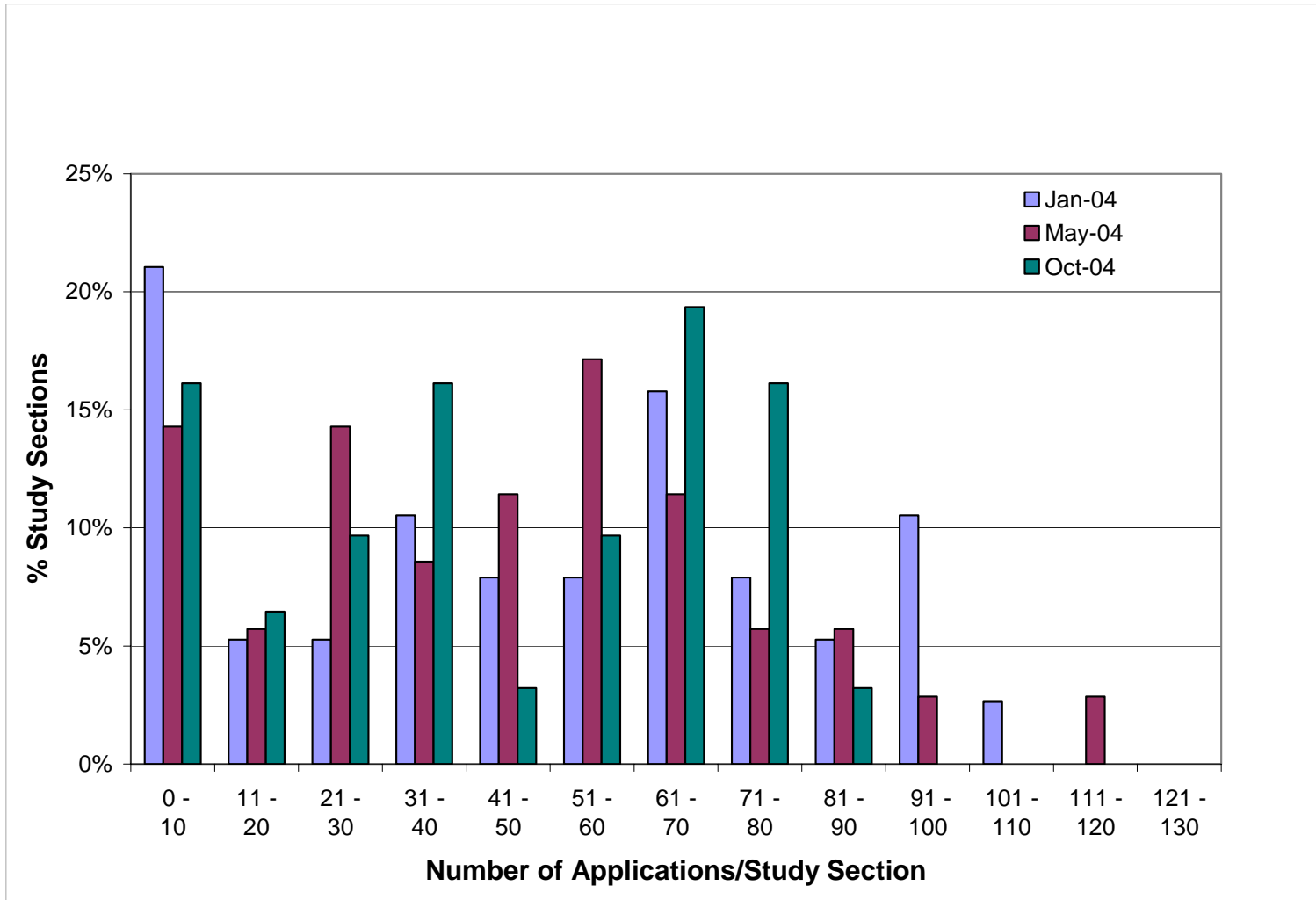
²¹ Data on meeting types are available for 2003 - 2004 only. FY 2003 was the first year that CSR used standard group codes for accounting purposes.

Figure 15A²²: Study Section Workloads in Standing Regular Study Sections, FY 2004



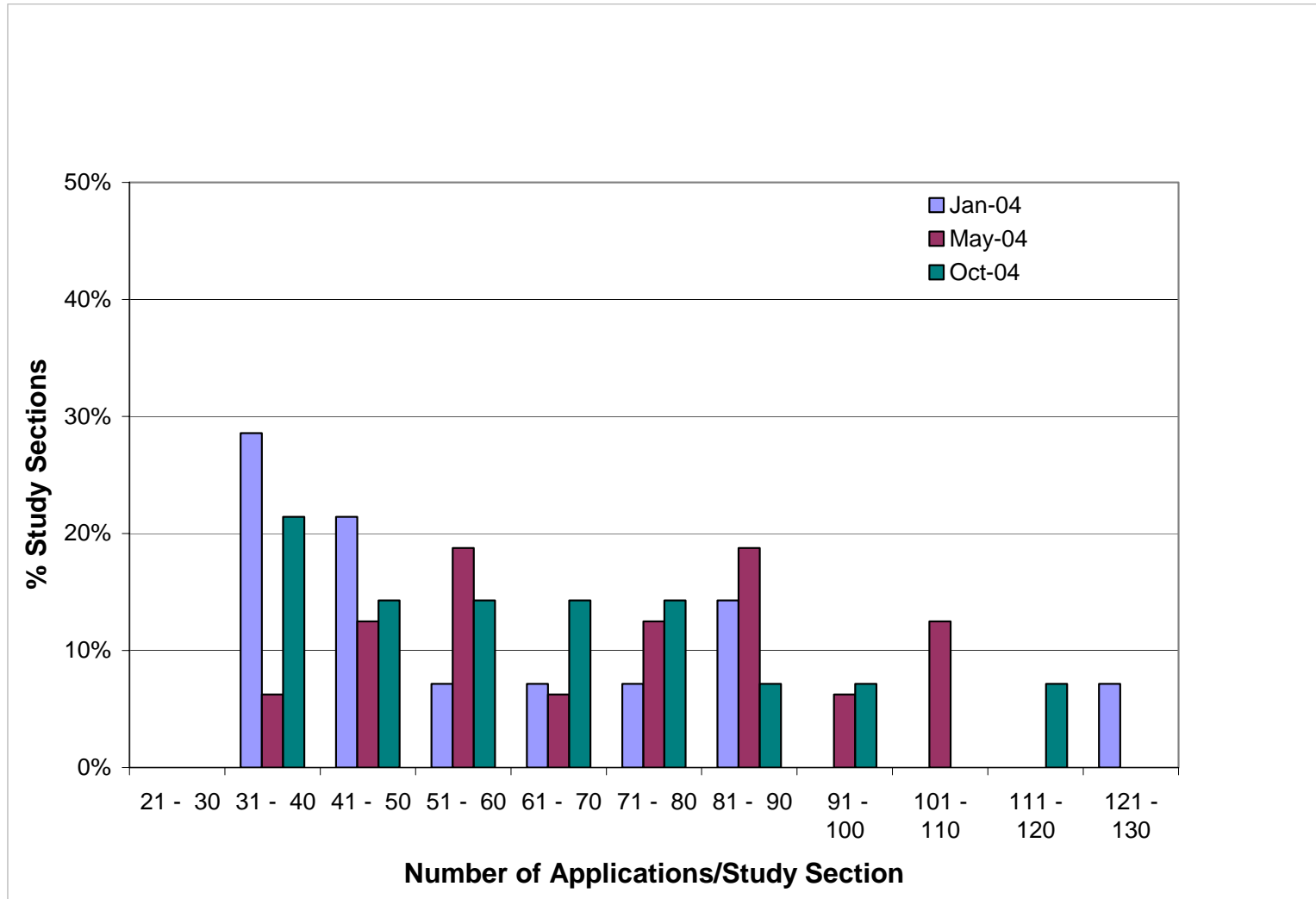
²² This figure shows workload activity within a year rather than year to year trends, as seen in Table 15.

Figure 15B²³: Study Section Workloads in Standing Small Business Study Sections, FY 2004



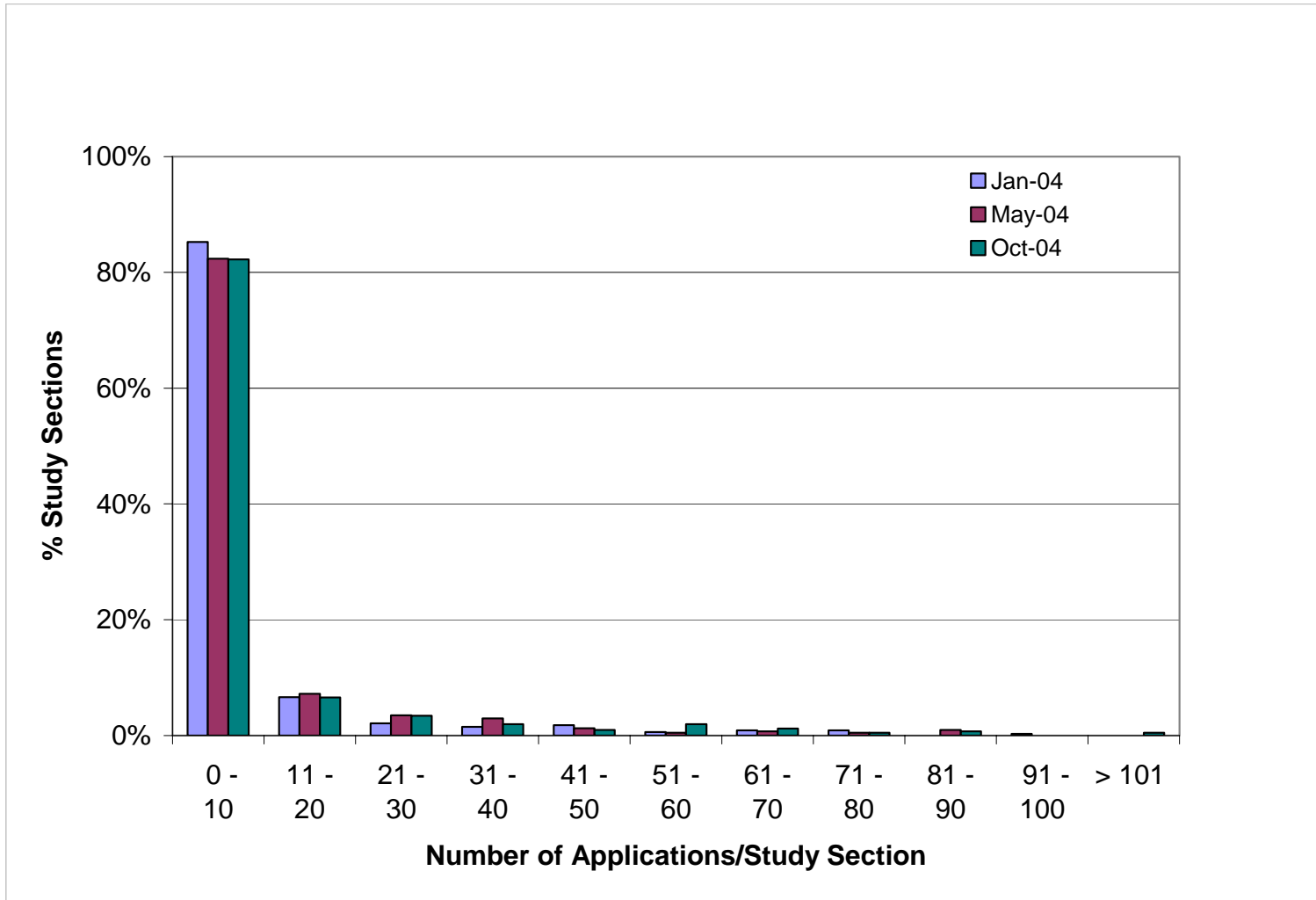
²³ This figure shows workload activity within a year rather than year to year trends, as seen in Table 15.

Figure 15C²⁴: Study Section Workloads in Standing Fellowship Study Sections, FY 2004



²⁴ This figure shows workload activity within a year rather than year to year trends, as seen in Table 15.

Figure 15D²⁵: Study Section Workloads in Non Recurring Special Emphasis Panels, FY 2004



²⁵ This figure shows workload activity within a year rather than year to year trends, as seen in Table 15.

Reviewer Gender Demographics:

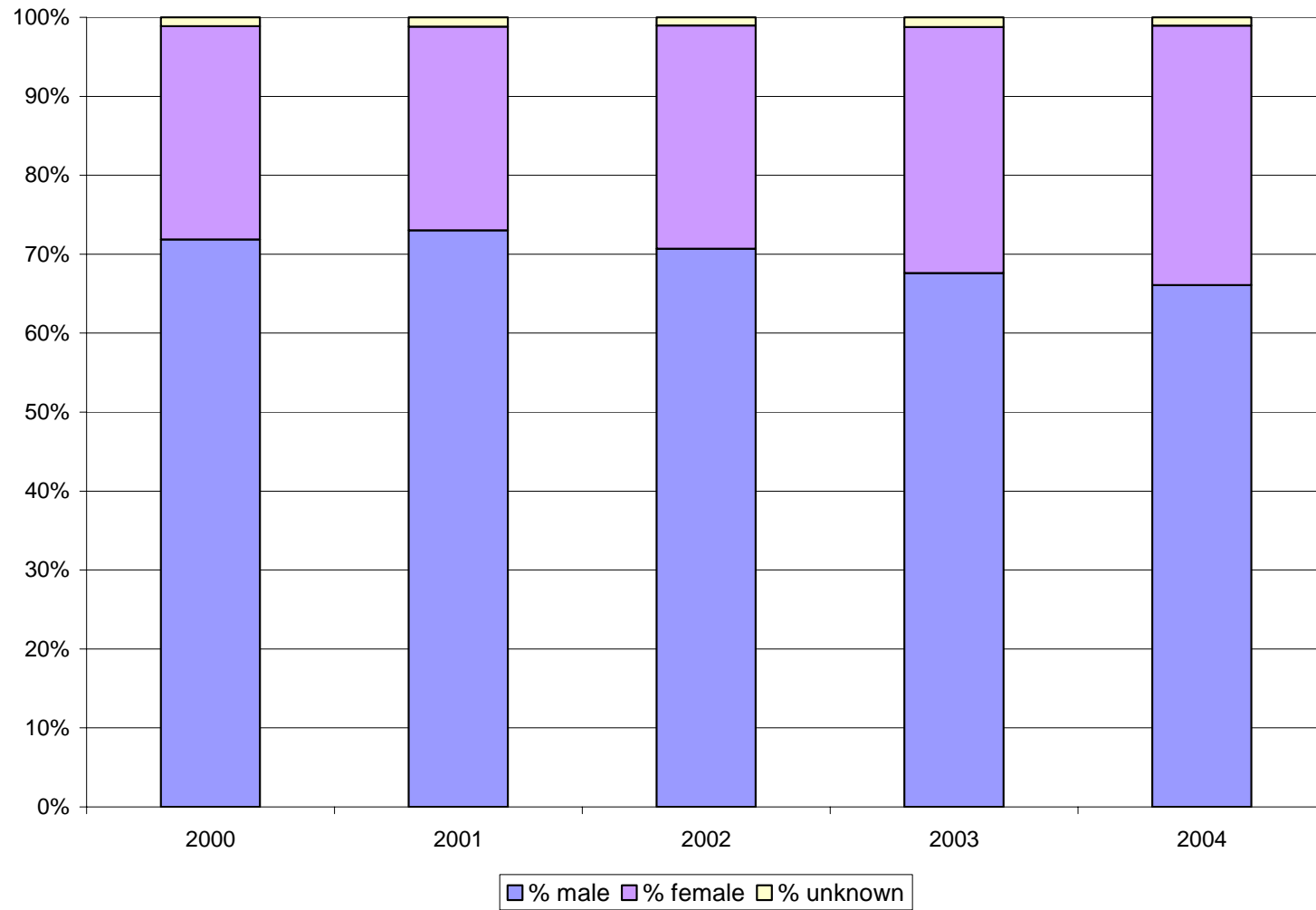
Table 16. CSR Reviewer Gender Demographics, Standing vs. Non-Standing Members, FY 2000 - 2004

Member Type	FY	Male	Female	Unreported ²⁶	Total Individuals	% Male	% Female	% Unreported
Standing	2000	964	362	15	1,341	71.9	27.0	1.1
	2001	1,109	392	18	1,519	73.0	25.8	1.2
	2002	1,171	468	17	1,656	70.7	28.3	1.0
	2003	1,257	579	23	1,859	67.6	31.1	1.2
	2004	1,382	687	22	2,091	66.1	32.9	1.0
Non-Standing ²⁷	2000	6,402	2,117	136	8,655	74.0	24.5	1.6
	2001	6,423	2,262	101	8,786	73.1	25.7	1.1
	2002	7,100	2,454	172	9,726	73.0	25.2	1.8
	2003	8,324	2,844	477	11,645	71.5	24.4	4.1
	2004	9,495	3,348	621	13,464	70.5	24.9	4.6

²⁶ Disclosure of personal information such as sex, age, ethnicity and race is optional and some reviewers choose not to provide these data to the NIH.

²⁷ In this and subsequent tables, ‘non-standing’ reviewers include temporary reviewers participating in chartered study sections and all reviewers participating in Special Emphasis Panels

Figure 16: Standing CSR Reviewer Gender Demographics, FY 2000 - 2004



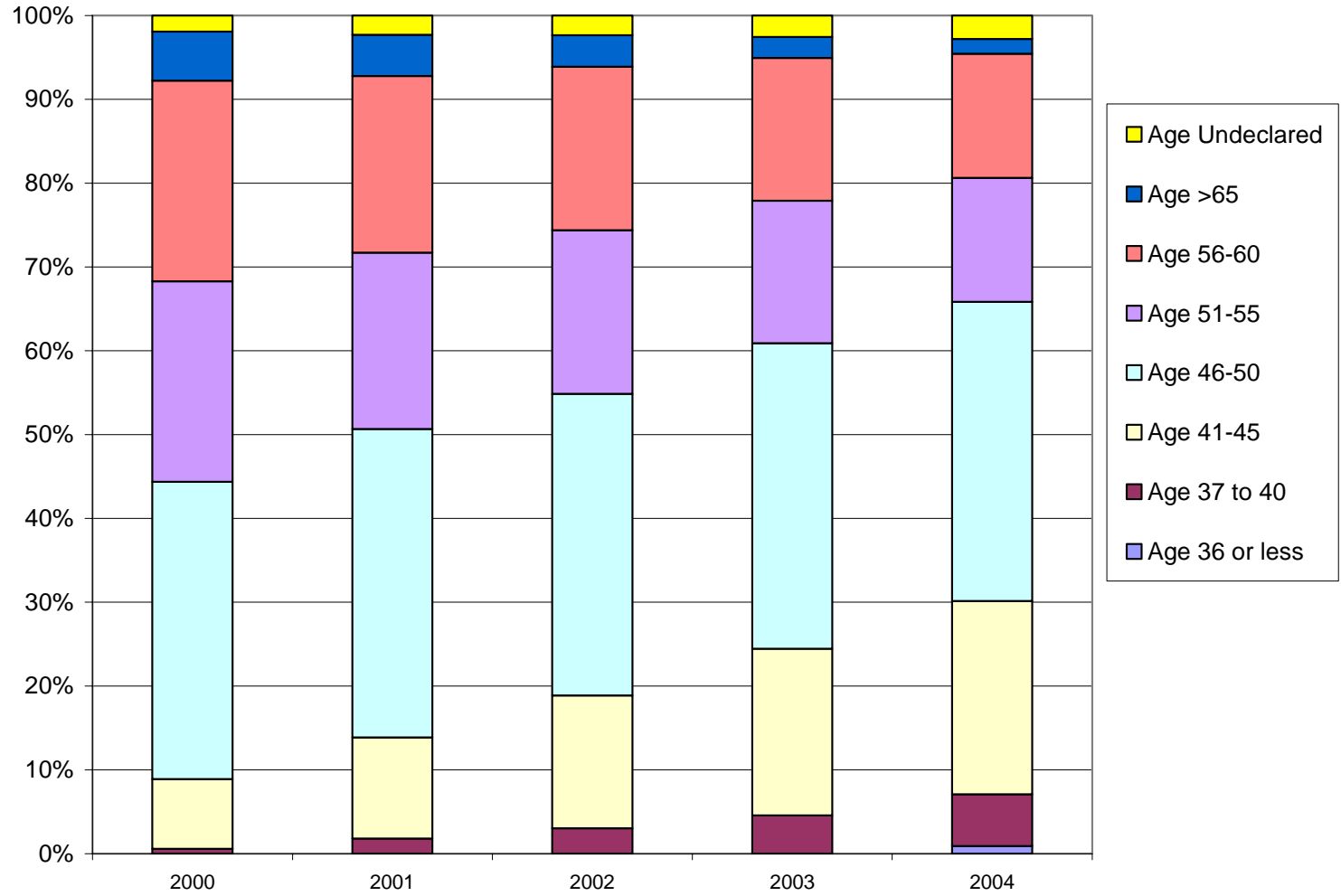
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Reviewer Age Demographics:

Table 17. CSR Reviewer Age Demographics, Standing vs. Non-Standing Members, FY 2000 - 2004

Member Type	FY	Age 36 or less	Age 37-40	Age 41-45	Age 46-50	Age 51-55	Age 56-60	Age 61-65	Age >65	Median Age	Age Not Declared	Total Individuals
Standing	2000	0	6	87	370	424	250	123	61	53	20	1,341
	2001	0	22	147	449	448	257	108	60	52	28	1,519
	2002	0	41	216	490	449	266	111	51	51	32	1,656
	2003	0	71	310	568	468	265	98	39	50	40	1,859
	2004	16	111	411	636	477	262	97	32	49	49	2,091
Non-Standing	2000	44	257	972	1,818	2,012	1,403	778	496	52	875	8,655
	2001	63	371	1099	1,960	1,965	1,283	725	421	52	899	8,786
	2002	83	522	1428	2,116	2,079	1,340	703	419	51	1036	9,726
	2003	181	828	1777	2,545	2,302	1,482	815	403	50	1312	11,645
	2004	534	1043	2254	2781	2467	1617	864	473	49	1431	13,464

Figure 17: Standing CSR Reviewer Age Demographics, FY 2000 - 2004

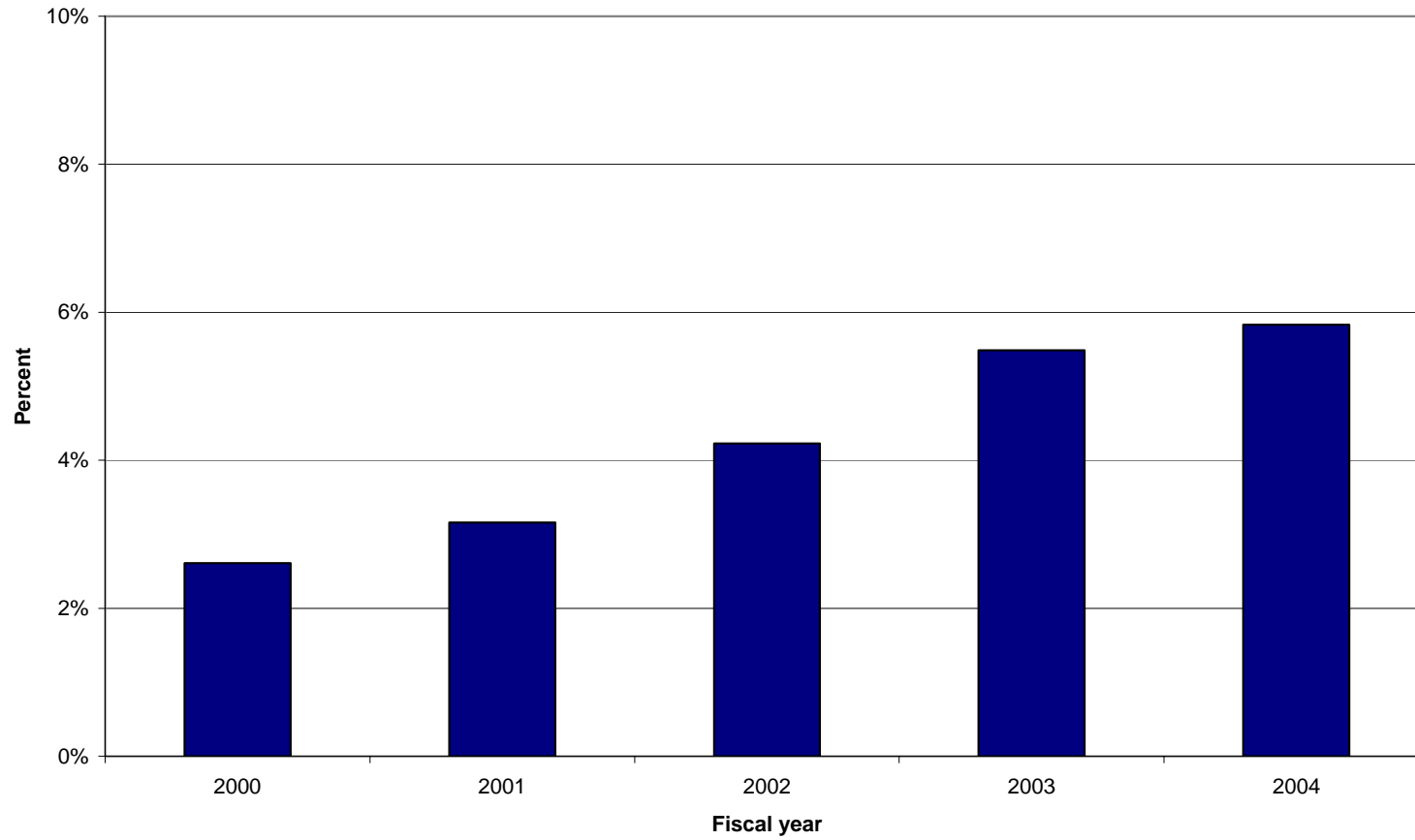


Reviewer Ethnicity:

Table 18. CSR Reviewers who identified themselves as Hispanic or non- Hispanic, FY 2000-2004

Member Type	FY	Hispanic	Non-Hispanic	Ethnicity not Declared
Standing	2000	35	775	531
	2001	48	907	564
	2002	70	1,058	528
	2003	102	1,194	563
	2004	123	1,361	607
Non-Standing	2000	189	4,607	3,859
	2001	207	4,816	3,763
	2002	278	5,696	3,752
	2003	313	6,811	4,521
	2004	341	7,722	5,401

Figure 18: Percent of Standing CSR Reviewers who identified themselves as Hispanic, 2000-2004



Reviewer Racial Self-Identification:

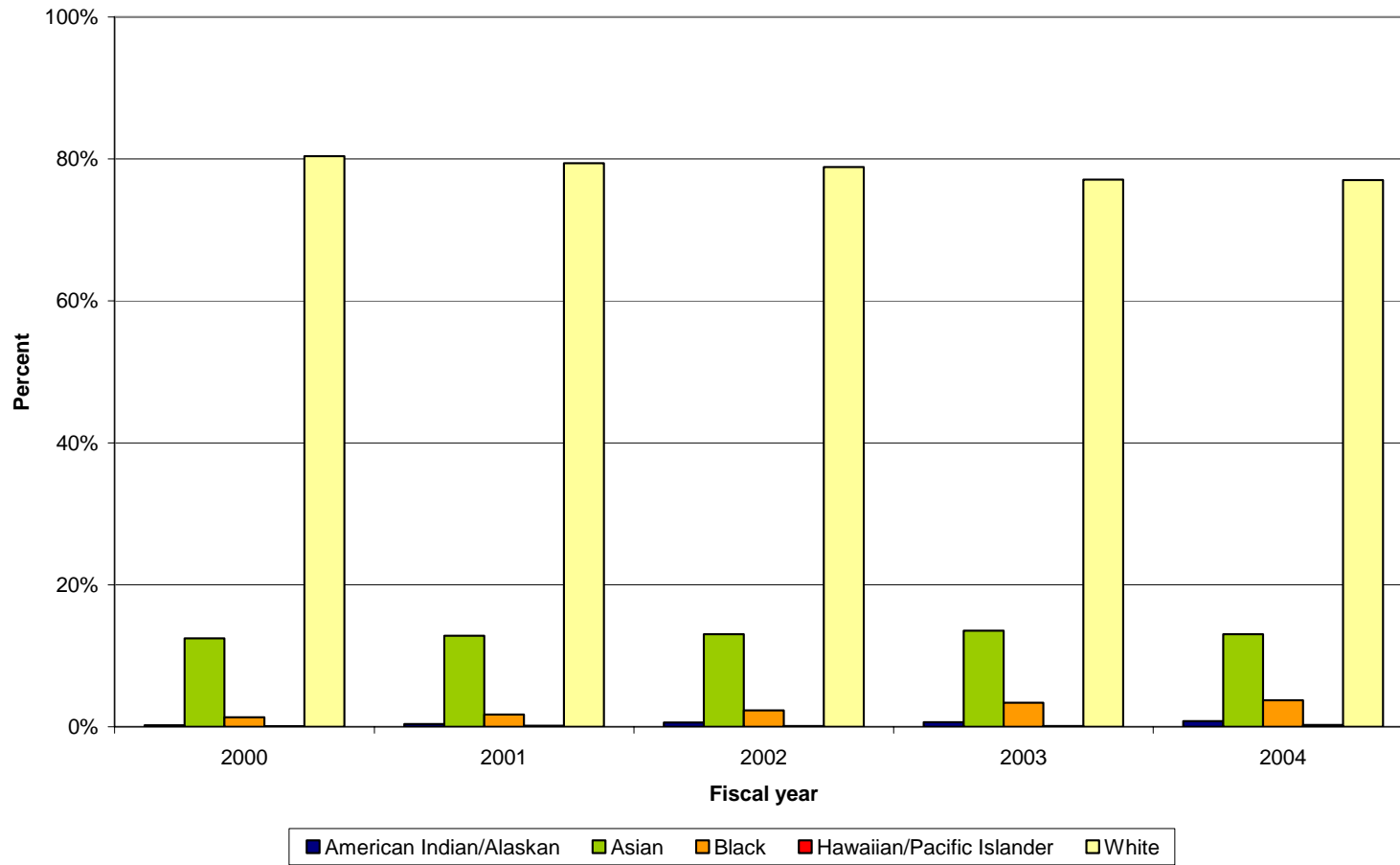
Table 19. Self Identified Racial Categories²⁸ of Reviewers for CSR, 2000-2004

Fiscal Year	Reviewer Type	American Indian/Alaskan	Asian	Black	Hawaiian/Pacific Islander	White	Unknown²⁹	Actual Count of Reviewers
Standing	2000	3	167	18	1	1,078	116	1,341
	2001	6	195	26	2	1,206	143	1,519
	2002	10	216	38	2	1,306	148	1,656
	2003	12	252	63	2	1,433	172	1,859
	2004	17	275	79	5	1,624	199	2,091
Non-Standing	2000	30	710	109	10	6,530	1,535	8,655
	2001	34	748	127	8	6,595	1,597	8,786
	2002	41	879	143	11	7,350	1,668	9,726
	2003	33	1,147	171	13	8,598	2,194	11,645
	2004	63	1,388	222	15	9,810	2,703	13,464

²⁸ Racial identification is optional. Reviewers may identify one or more races or withhold the information. Because reviewers can identify themselves as belonging to more than one racial category sums across categories do not equal the actual count of reviewers.

²⁹ “Unknown” includes reviewers who withheld information on racial identity, did not fill out the form, or indicated they were Hispanic on a discontinued data collection form that limited them to one choice of race or ethnicity. (Hispanic is considered an ethnicity, not a racial category).

Figure 19: Percent of Standing CSR Reviewers by Self-Identified Racial Category, FY 2000-2004



CENTER FOR SCIENTIFIC REVIEW DATA BOOK, FY 2004

SECTION III: REVIEW OUTCOMES

There are four possible actions a study section can take for any given application:

- **Score the Application** –When applications are scored a priority score is provided, and the SRA overseeing the review meeting prepares a summary statement that incorporates the reviewers’ critiques and a résumé and summary of the discussion that took place at the peer review meeting.
- **Streamline the Application** – In a process termed streamlining, applications unanimously judged to be in the lower half of applications reviewed by the study section are not discussed at the review meeting and they are not scored. The summary statement provided to the applicant is a compilation of reviewers’ critiques prepared prior to the review meeting and does not contain a resume of discussion, nor a priority score. This procedure allows the discussion at the review meeting to focus on those applications that are most competitive for funding. Although the study sections attempt to identify applications that would fall in the lower half, since the decision to streamline a given application must be unanimous, usually somewhat fewer than half of the applications are streamlined. Beginning with the February 1995 round of study section meetings (May 1995 Advisory Council round) all “regular” CSR review meetings have incorporated a streamlined review process. In 1997, this process was extended to the review of SBIR and STTR (“Small Business”) applications. Some application types, such as Fellowships, are not streamlined.
- **Defer the Application** – Occasionally the study section will defer an application. While this is rare, when it does occur it is usually because the review cannot proceed, either because a reviewer conflict is identified just before the review meeting, a logistical problem arises, or because the study section determines that it requires additional information. When this occurs, review of the application is deferred until such time as the issue causing the deferral is resolved. Data on deferred applications are not included in this section.
- **Not Recommended for Further Consideration (NRFC)** – A study section may recommend an application for "no further consideration" in rare cases where 1) the application lacks significant and substantial merit, or 2) the research risks to human subjects are sufficiently serious and protections against the risks are so inadequate as to make the proposed research unacceptable on ethical grounds. The determination to NRFC must be made by majority vote of the study section. An application designated as "NRFC" cannot be considered for funding because by definition it has been assessed as lacking significant and substantial merit.

In this section the review outcomes of applications reviewed by study sections overseen by CSR are sorted based on a number of different criteria including mechanism, previous review history (i.e., new or amended application), inclusion of human subjects, and applicant demographics.

It should be noted that review data within this report only represent reviews performed by CSR and do not include data from reviews performed within the ICs. Descriptive data for most CSR procedures and review outcomes over the previous five years are presented in this document. It should also be noted that analyses in this publication were originally performed primarily to inform CSR and NIH management of CSR operations and internal processes. Applications affect CSR workload as soon as they are received. Because of this, data presented in Section I focus on applications received within the NIH fiscal year (October 1 through September 30). CSR is also interested in dynamics of and review outcomes from peer review meetings that occur within a given fiscal year. Data in Section II focus on numbers of applications, application types, types of peer review meetings and study section member composition. Data in Section III focus on outcomes of peer review meetings. The set of application data in Section I differs slightly from the set of data used in Sections II and III—i.e., applications received late in a fiscal year will be reviewed the following fiscal year.

Applications Reviewed by CSR³⁰:

Table 20. Number and Percent of Applications Reviewed by CSR by Mechanism, FY 2000-2004

Mechanism ³¹	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	28,389	90.4	27,090	90.3	30,305	90.5	37,995	91.2	42,434	90.3
R01	21,356	68.0	20,556	68.5	22,298	66.6	25,937	62.2	27,612	58.7
R21	895	2.9	1,142	3.8	1,832	5.5	3,825	9.2	5,821	12.4
Small business	4,588	14.6	4,052	13.5	4,651	13.9	6,328	15.2	6,738	14.3
Fellowship Programs	2,360	7.5	2,130	7.1	2,300	6.9	2,789	6.7	3,452	7.3
Research Career Programs	211	0.7	217	0.7	255	0.8	254	0.6	265	0.6
Other	437	1.4	572	1.9	612	1.8	635	1.5	849	1.8

³⁰ In this and all subsequent tables, only applications reviewed by CSR are included. Applications withdrawn or deferred prior to review are not included.

³¹ See Appendix A for a description of activity codes included in each mechanism category, and Appendix B for application information by activity code and fiscal year.

Figure 20A: Applications Reviewed by CSR by Mechanism, FY 2000-2004

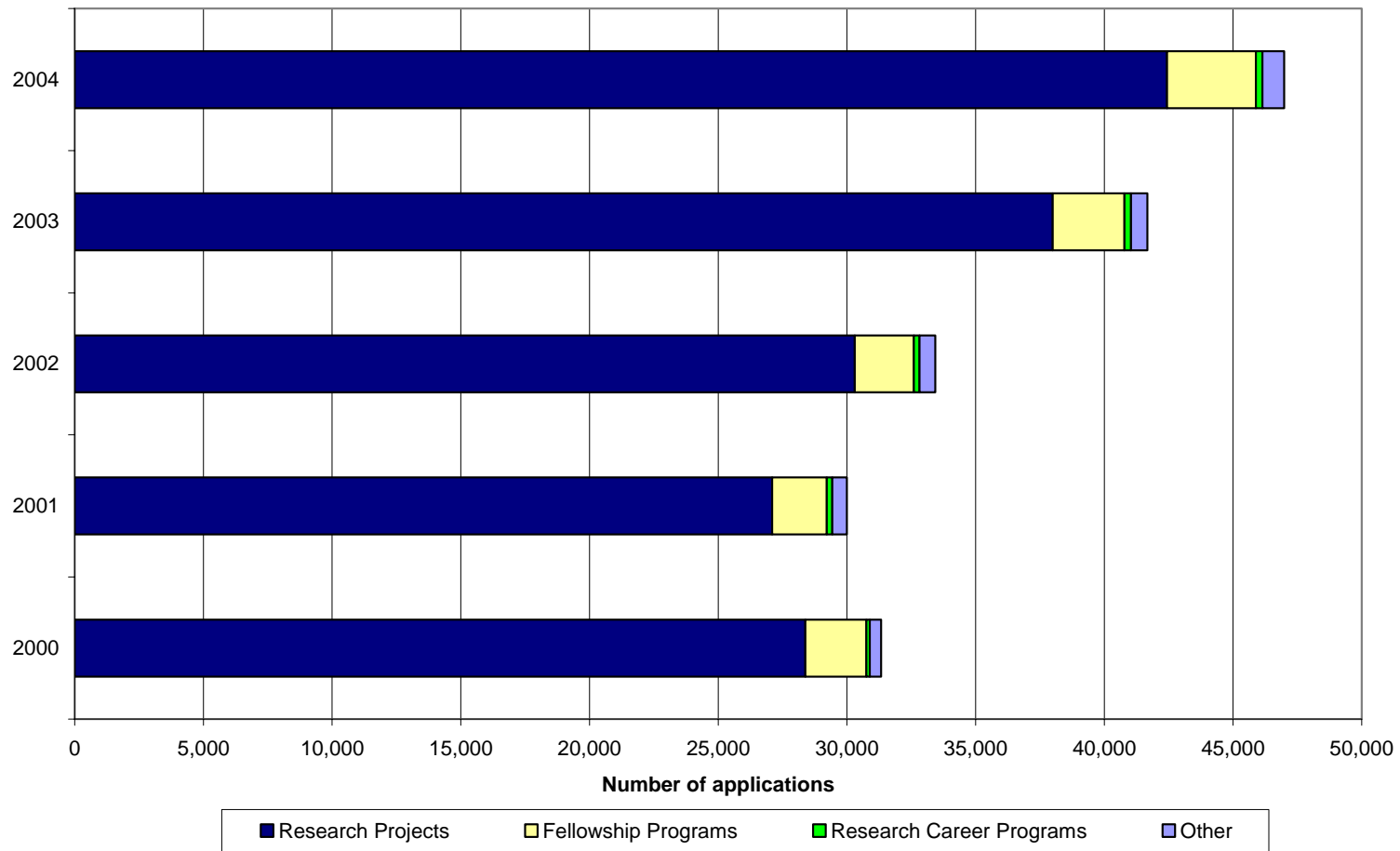


Figure 20B. Research Projects Reviewed by CSR by Activity Code, FY 2000-2004

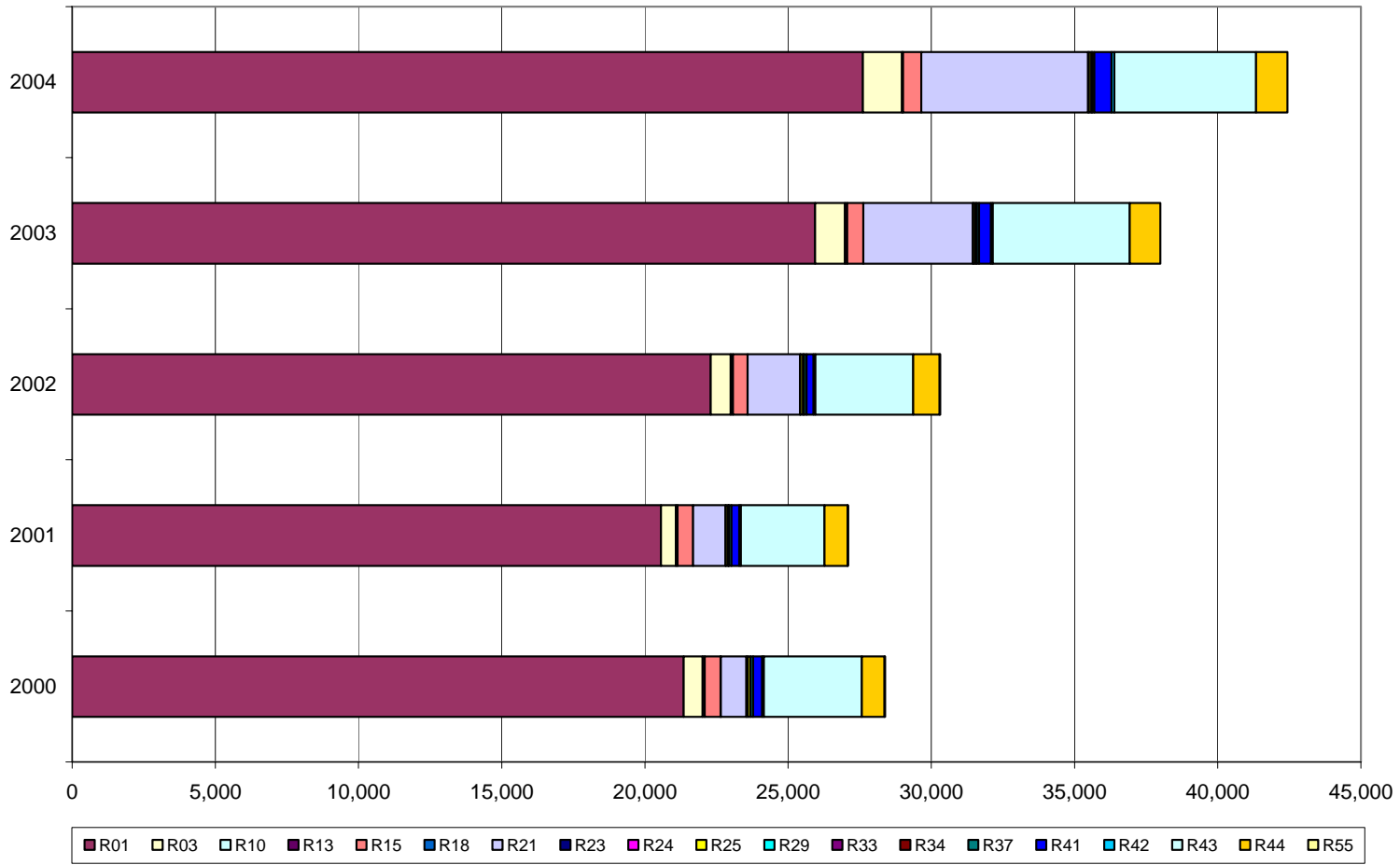


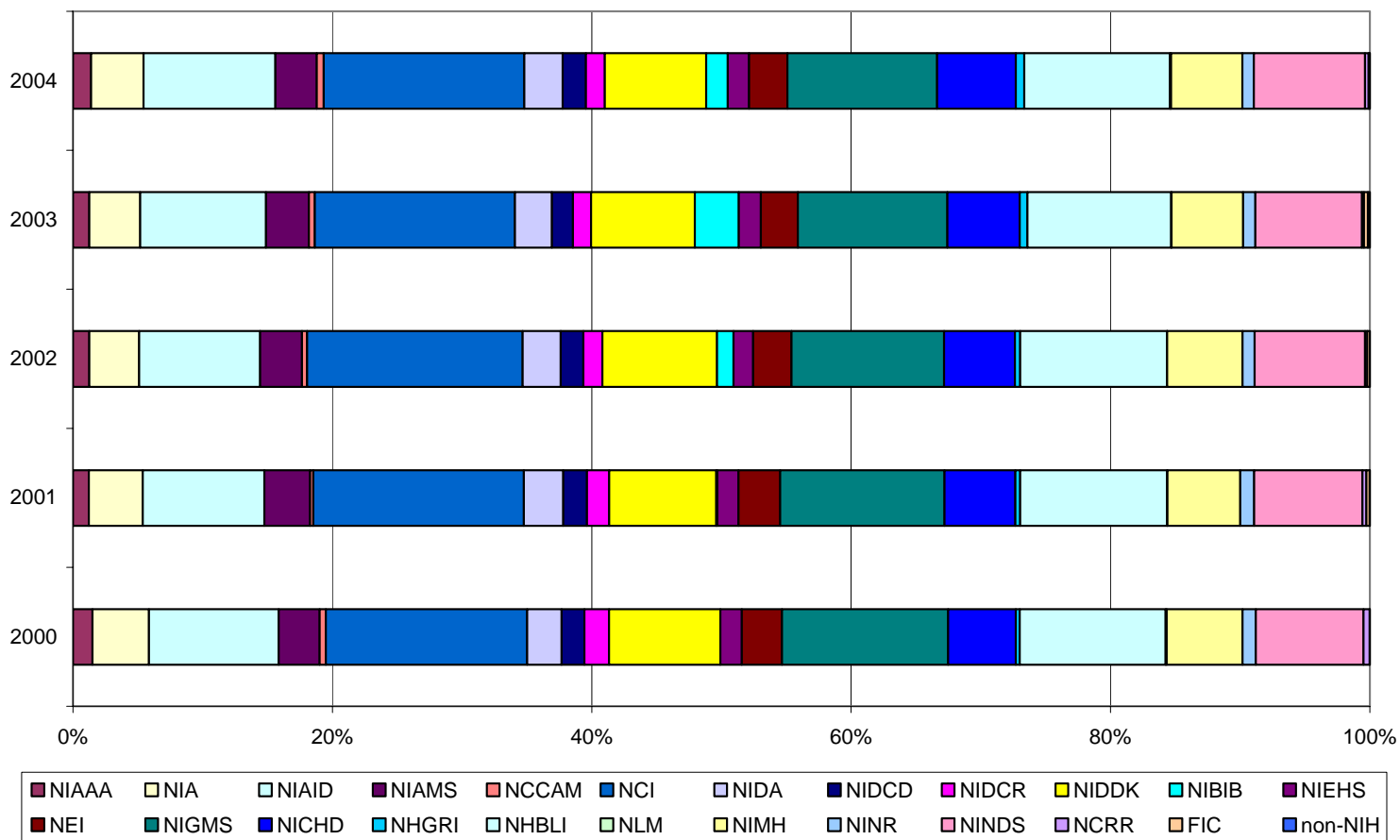
Table 21. CSR-reviewed Applications by IC Where the Applications Were Assigned For Funding Consideration, FY 2000-2004

NIH IC	Total Assigned	% Research Projects	% R01s	% R21s	% Small Business	% Fellowships	% Career Programs	% Other
NIAAA	2,062	1.2	1.3	0.5	0.9	0.6	0.2	0.1
NIA	6,839	3.9	4.1	2.5	3.1	2.2	.7	1.0
NIAID	20,289	11.4	9.7	20.2	13.7	9.5	1.7	2.7
NIAMS	5,374	3.1	3.3	0.8	3.9	1.8	0	1.0
NCCAM	833	0.5	0.4	0.4	0.9	0.1	0	.3
NCI	27,917	15.9	15.8	23.2	16.4	10.8	0.2	1.1
NIDA	4,984	3.0	2.9	3.4	2.5	0.3	0.2	0.1
NIDCD	2,736	1.6	1.8	0.8	1.5	.6	0.1	0.1
NIDCR	2,625	1.6	1.6	2.3	1.5	0.1	0	.2
NIDDK	14,173	8.0	8.3	12.0	6.8	6.1	0.2	0.3
NIBIB	3,833	2.2	1.4	8.5	3.1	0.5	1.9	1.5
NIEHS	3,077	1.7	1.6	1.7	2.1	1.6	0	0.1
NEI	4,573	2.6	3.0	0.5	2.2	2.2	0	0.1
NIGMS	20,486	10.6	12.0	3.7	7.1	19.5	7.9	6.9
NICHD	9,421	5.2	5.6	2.9	5.4	4.9	3.9	0.1
NHGRI	1,191	0.7	.5	0.7	1.3	0.4	0.2	0.1
NHLBI	18,017	10.2	11.2	2.5	11.5	7.2	1.4	3.7
NLM	345	0.2	0	0.1	0.9	0	0	0.5
NCMHD	13	0	0	0	0	0	0	0
NIMH	13,113	6.0	5.7	7.7	3.4	16.9	76.2	1.8
NINR	1,884	1.1	1.0	0.6	0.6	0.1	0	0
NINDS	13,782	7.2	8.4	3.8	4.7	14.1	0.4	0.1
NCRR	3,934	1.0	0.3	0.9	4.8	0.1	2.2	64.9
FIC	1,597	0.8	0.2	0.5	0	0.4	2.1	5.7
Office of Director - NIH ³²	239	0	0	0	0	0	0	7.1
Non-NIH ³³	484	0.3	0	0	1.7	0	0.5	0.5
Total	183,821	100	100	100	100	100	100	100

³² Includes 239 NIH Director's Pioneer Award (NDPA) applications - this activity started in FY 2004

³³ Non-NIH agencies for which CSR reviewed applications included FDA, CDC, and the Agency for Health Care Research and Quality.

Figure 21. R01 Applications Reviewed by CSR by the IC to Which They Were Assigned for Funding, FY 2000-2004



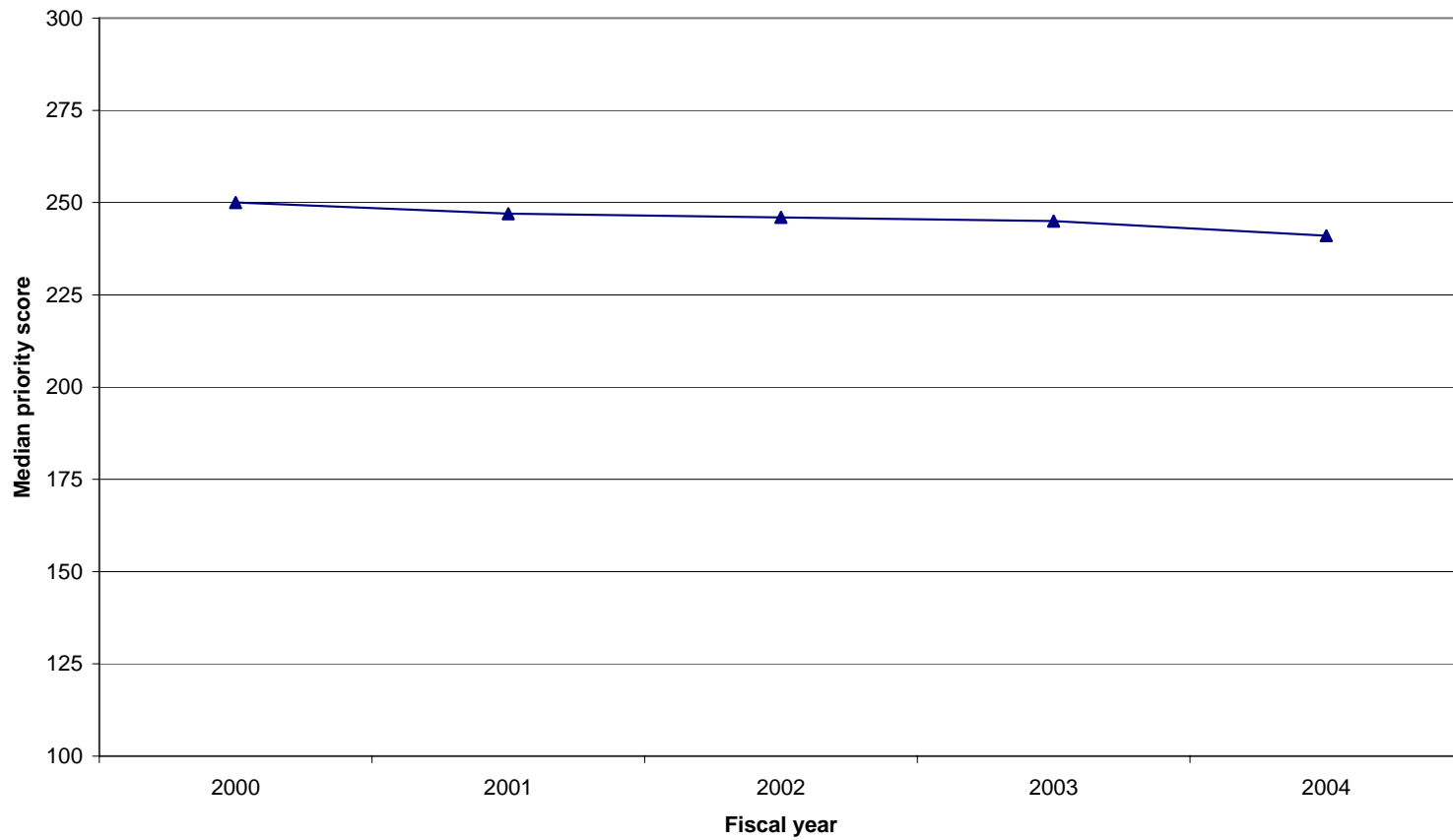
Median Priority Scores:

Table 22. Median Priority Scores by Mechanism, FY 2000-2004³⁴

Mechanism	2000	2001	2002	2003	2004
Research Projects	260.0	255.0	256.0	259.0	258.0
R01	250.0	247.0	246.0	245.0	241.0
R21	265.0	268.0	271.0	282.0	287.0
Small business	330.0	324.0	327.0	343.0	338.0
Fellowship Programs	200.0	198.0	224.5	216.0	218.0
Research Career Programs	209.0	203.0	219.0	204.5	192.0
Other	236.0	247.0	242.5	233.0	227.0

³⁴ Streamlined applications were included in the calculation of the median priority scores.

Figure 22: Median Priority Scores for R01 Applications Reviewed by CSR, FY 2000-2004

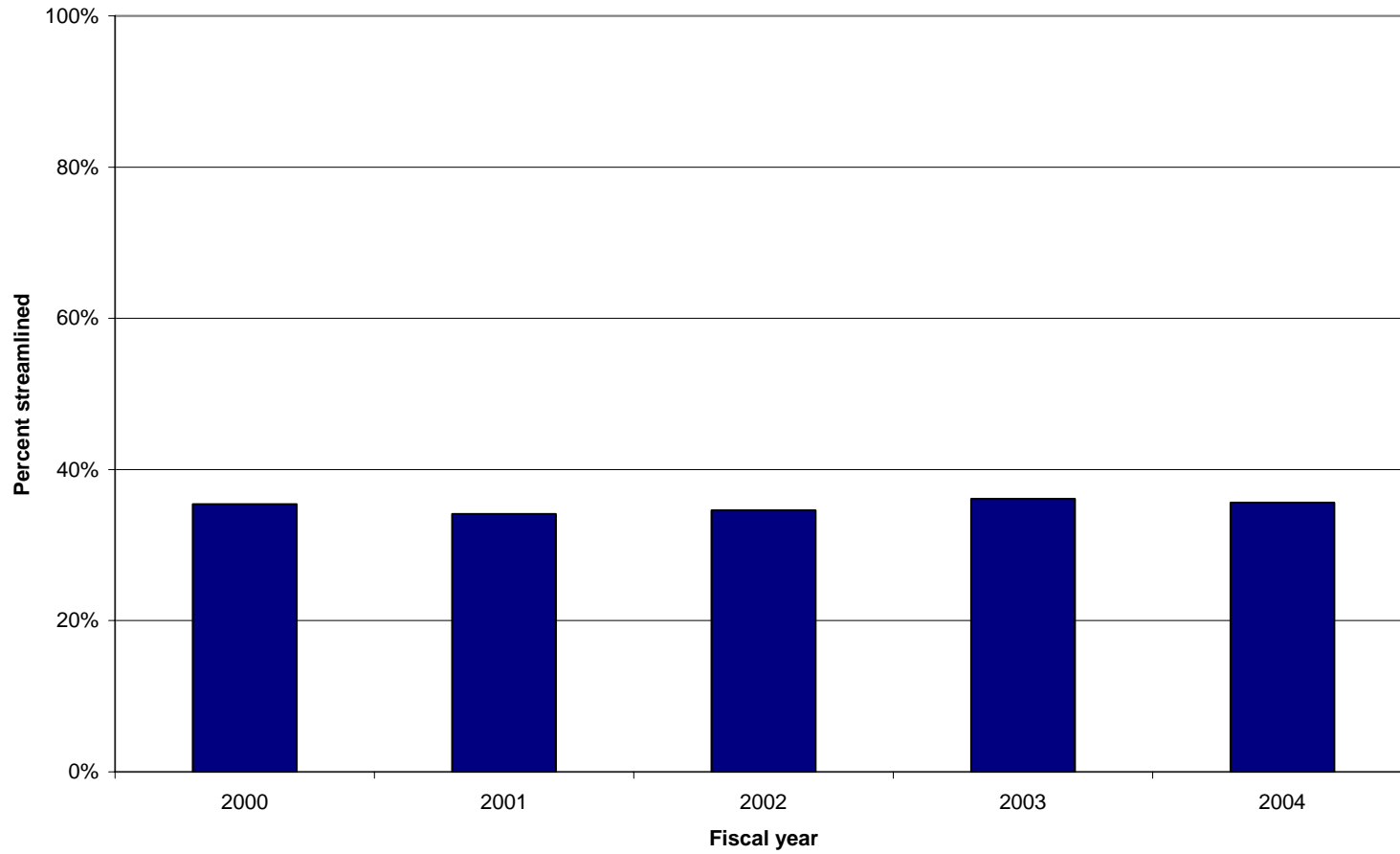


Streamlined Applications:

Table 23. Percent of Applications Reviewed by CSR That Were Streamlined, FY 2000-2004

Mechanism	2000	2001	2002	2003	2004
Research Projects	35.9	34.9	35.6	38.1	38.8
R01	35.4	34.1	34.6	36.1	35.6
R21	36.0	37.0	37.7	41.1	43.3
Small Business	42.0	42.2	43.0	46.2	47.3

Figure 23: Percent of R01 Applications Reviewed by CSR That Were Streamlined, FY 2000-2004



Applications Reviewed by CSR by Type:

The Application Type Code identifies the type of application that was reviewed: a) Type 1 applications are new competing applications, b) Type 2 applications are competing renewals of ongoing grants, and c) Type 3 applications are supplements to ongoing awards.³⁵

Table 24A. Number and Percent of Type 1 Applications Reviewed by CSR by Mechanism, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	21,905	77.2	20,719	76.5	23,540	77.7	30,627	80.6	34,380	81.0
R01	15,770	73.8	15,126	73.6	16,514	74.1	19,627	75.7	20,704	75.0
R21	860	96.1	1,097	96.1	1,799	98.2	3,778	98.8	5,798	99.6
Small business	3,879	84.5	3,306	81.6	3,869	83.2	5,489	86.7	5,792	86.0
Fellowship Programs	2,340	99.2	2,125	99.8	2,294	99.7	2,784	99.8	3,446	99.8
Research Career Programs	203	96.2	207	95.4	252	98.8	239	94.1	256	96.6
Other	408	93.4	543	94.9	571	93.3	553	87.1	756	89.0

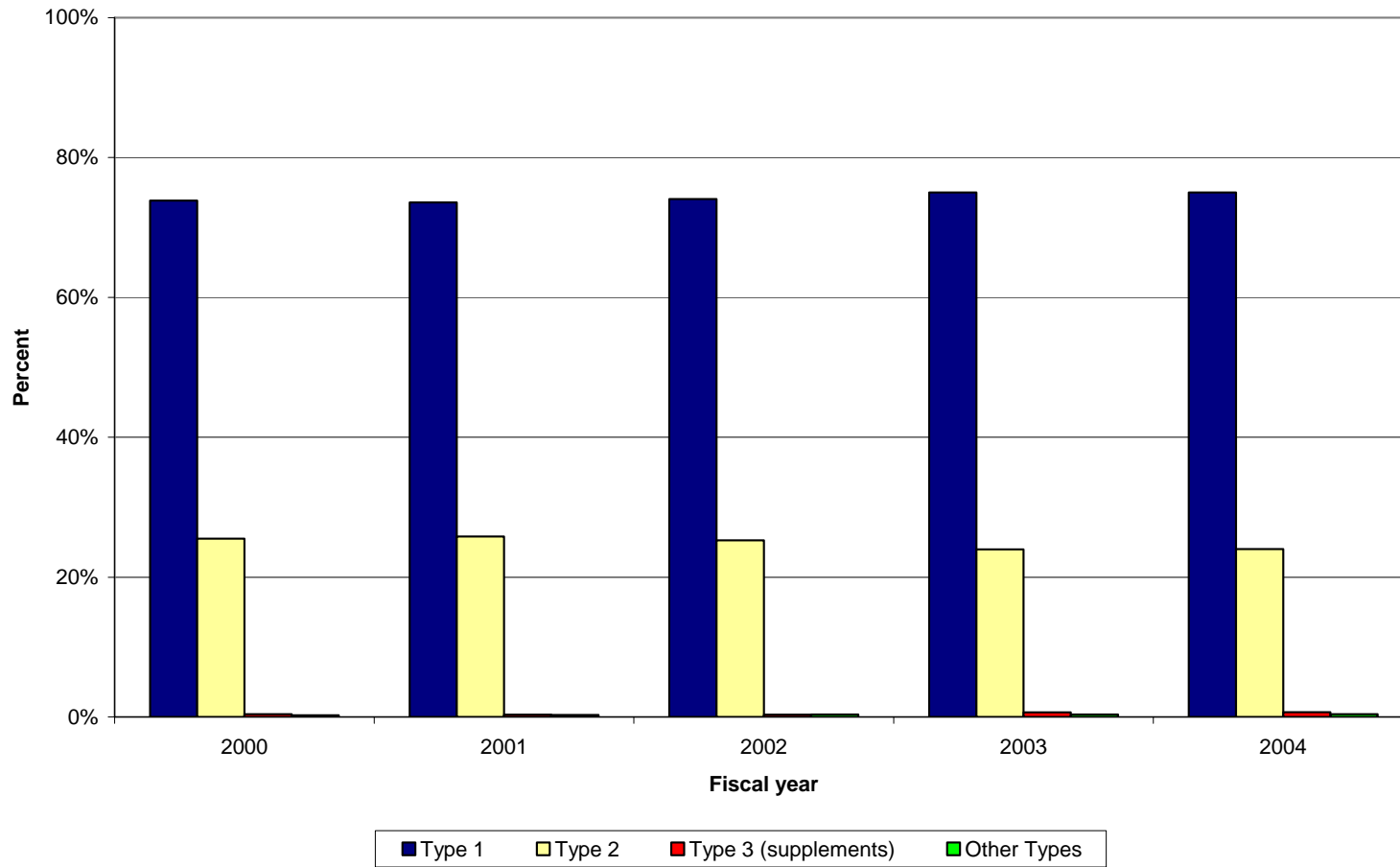
³⁵ Other types of application (4, 6, 7, 9) are administrative only and although included in the percentage calculations and shown in the chart, they are not included in the table. For a full description of Application Type Codes, please see: http://impacii.nih.gov/doc/pdf/ac_new.pdf

Table 24B: Number and Percent of Type 2 Applications Reviewed by CSR by Mechanism, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	6,313	22.2	6,209	22.9	6,582	21.7	7,148	18.8	7,740	18.2
R01	5,445	25.5	5,301	25.8	5,632	25.3	6,120	23.6	6,624	24.0
R21	34	3.8	45	3.9	33	1.8	43	1.1	18	.3
Small business³⁶	686	15.0	719	17.7	756	16.3	818	12.9	923	13.7
Fellowship Programs	20	0.8	5	0.2	6	0.3	5	0.2	6	0.2
Research Career Programs	8	3.8	10	4.6	3	1.2	15	5.9	9	3.4
Other	27	6.2	26	4.5	31	5.1	40	6.3	52	6.1

³⁶ Phase I STTR and SBIR (R41, R43) applications are submitted as Type 1s. Phase II STTR and SBIR applications (R42, R44) are submitted as Type 2s. Fast track STTR and SBIR applications use the Phase II mechanisms but are numbered as Type 1s.

Figure 24: Percent of R01 Applications Reviewed by CSR by Type, FY 2000-2004



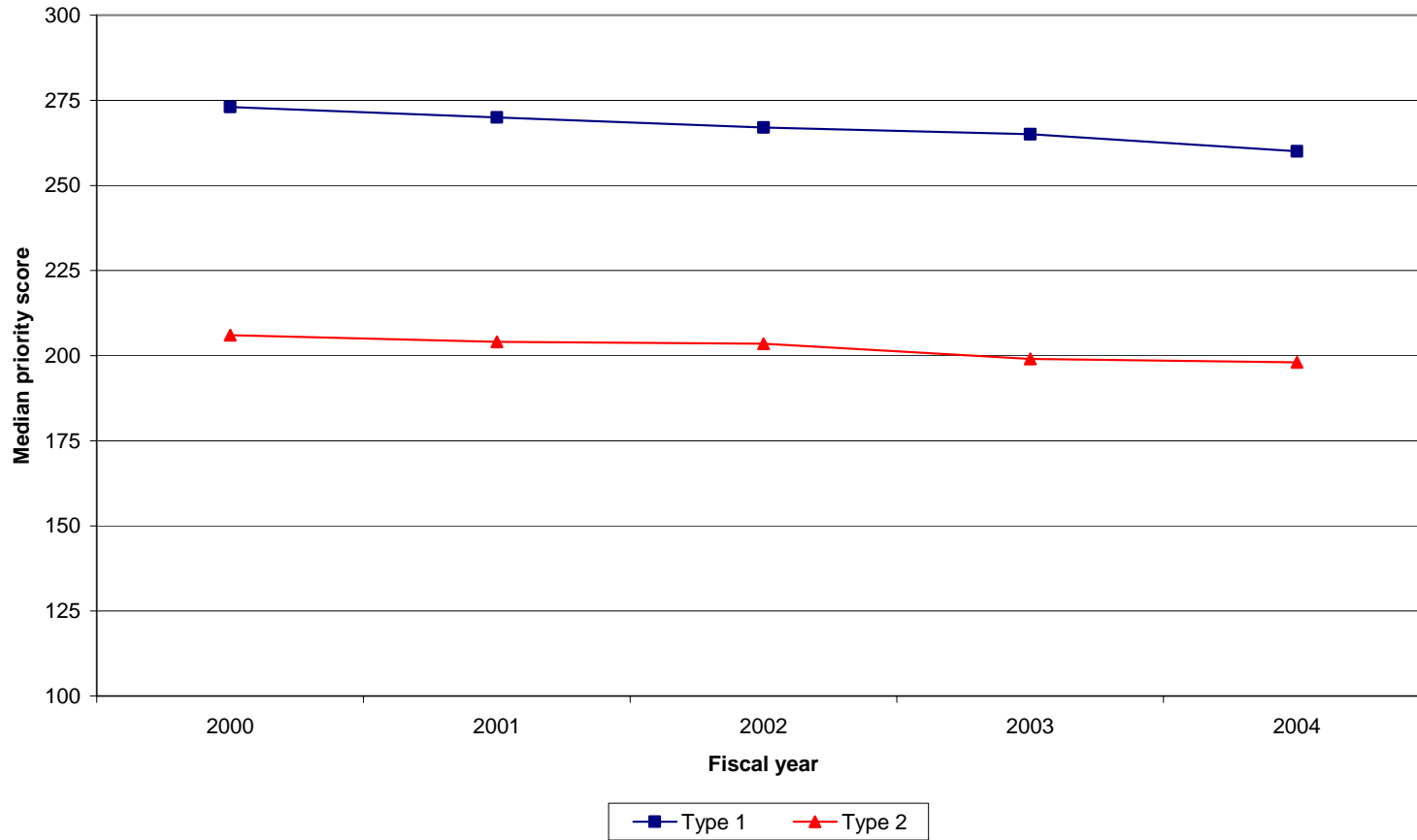
Median priority scores in Type 1 vs. Type 2 applications:

Table 25. Median Priority Scores in Type 1 (T1) and Type 2 (T2) Applications Reviewed by CSR, FY 2000-2004³⁷

Mechanism	2000		2001		2002		2003		2004	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Research Projects	283.0	209.0	280.0	207.0	278.0	207.5	282.0	203.0	280.0	203.0
R01	273.0	206.0	270.0	204.0	267.0	203.5	265.0	199.0	260.0	198.0
R21	276.5	206.0	275.0	194.0	276.0	201.0	285.0	182.0	287.0	185.5
Small business	369.0	263.5	383.0	257.0	369.0	264.0	431.0	259.0	*	260.0

³⁷ An “*” indicates that more than half the applications were streamlined.

Figure 25: Median Priority Scores for Type 1 and Type 2 R01 Applications Reviewed by CSR, FY 2000-2004

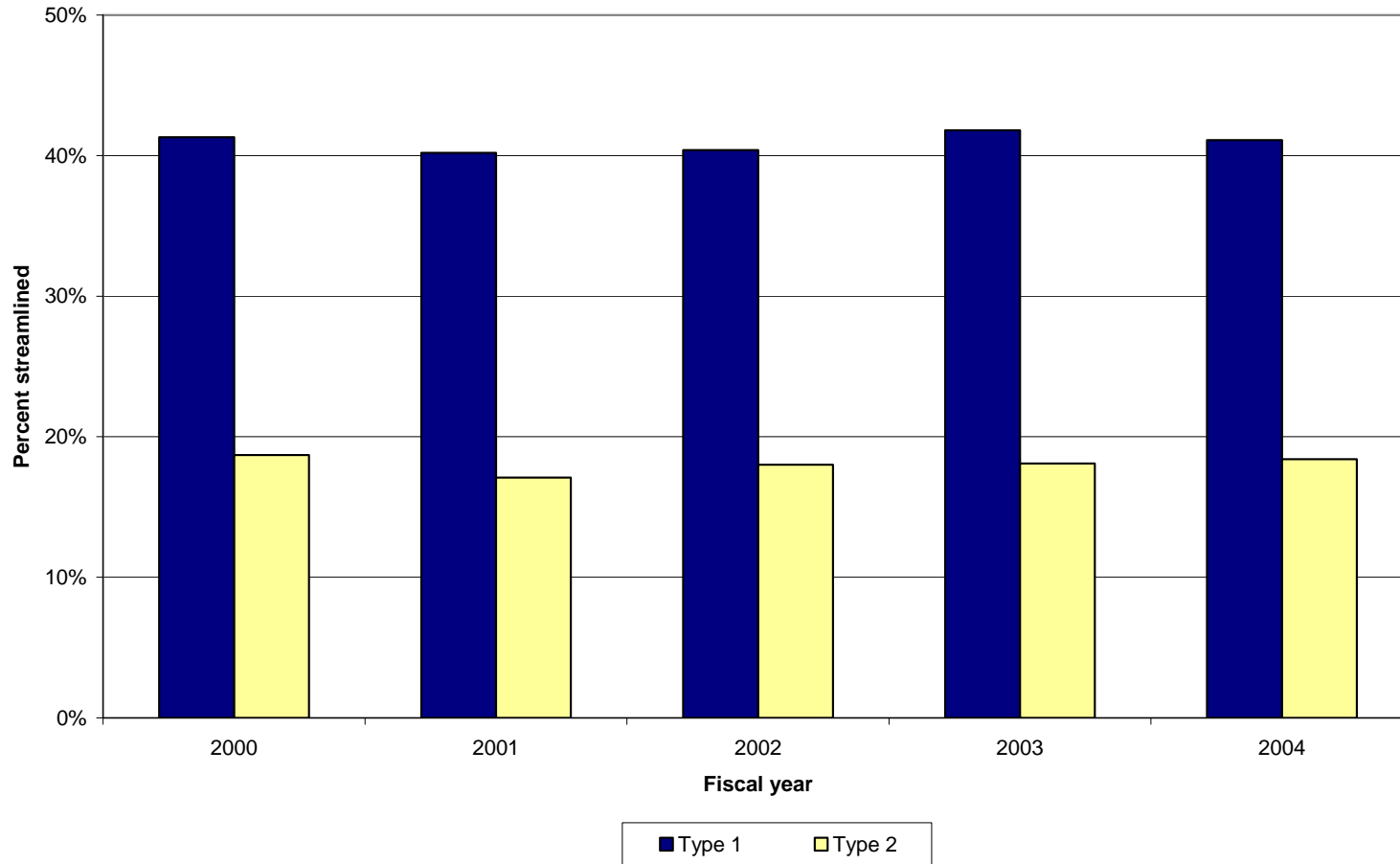


Streamlined Type 1 and Type 2 Applications:

Table 26. Percent of Type 1 (T1) & Type 2 (T2) Applications That Were Streamlined, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Research Projects	40.9	18.9	40.4	17.1	40.5	18.4	42.8	18.6	43.3	19.1
R01	41.3	18.7	40.2	17.1	40.4	18.0	41.8	18.1	41.1	18.4
R21	37.2	5.9	38.5	0	38.4	0	41.6	2.3	43.4	0
Small business	45.3	24.5	47.0	21.1	46.6	25.3	49.4	25.6	50.8	26.1

Figure 26: Percent of Type 1 and Type 2 R01 Applications That Were Streamlined, FY 2000-2004

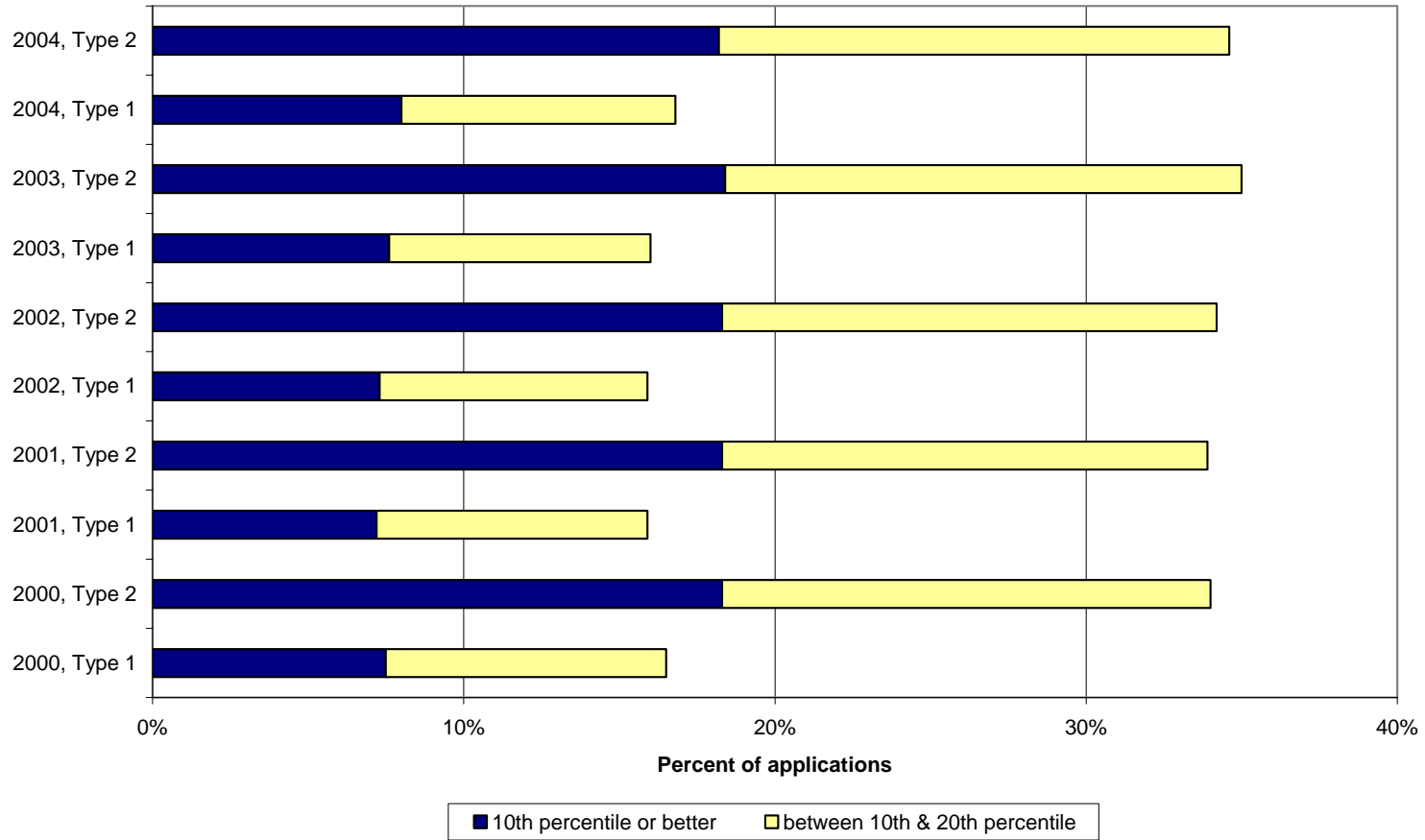


Percentiles in Type 1 and Type 2 R01 Applications:

Table 27. Percent of Type 1 and Type 2 R01 Applications That Scored at the 20th Percentile or Better, FY 2000-2004

Fiscal year	Type	Number of applications	Percent scoring at the 10th percentile or better	Percent scoring at the 20th percentile or better
2000	1	15,770	7.5	16.5
	2	5,445	18.3	34.0
2001	1	15,126	7.2	15.9
	2	5,301	18.3	33.9
2002	1	16,514	7.3	15.9
	2	5,632	18.3	34.2
2003	1	19,627	7.6	16.0
	2	6,120	18.4	35.0
2004	1	20,704	8.0	16.6
	2	6,624	18.2	34.4

Figure 27: Type 1 and Type 2 R01 Applications Scoring at the 20th Percentile or Better



Small Business Applications Reviewed by CSR:

CSR reviews two types of small business applications: 1) Small Business Technology Transfer (STTR) grants; and 2) Small Business Innovation Research (SBIR) grants. Phase I applications (R41, R43) are generally funded for one year to establish the feasibility of the proposed research and development effort. Investigators may apply for Phase II funding (R42, R44) for up to two additional years to continue the development of the efforts begun in Phase I. Some applicants submit simultaneous Phase I and Phase II applications; these “fast track” applications use the Phase II mechanisms but are numbered as Type 1s.

Table 28: Number and Percent of Small Business Applications Reviewed by CSR, FY 2000-2004

Small Business Application Type ³⁸ and Phase		2000		2001		2002		2003		2004	
		#	%	#	%	#	%	#	%	#	%
STTR	Phase I (R41)	314	85.3	267	83.7	250	80.9	414	87.0	600	86.3
	Fast Track (R42 Type 1)	6	1.6	2	0.6	6	1.9	18	3.8	27	3.9
	Phase II (R42 Type 2)	48	13.0	50	15.7	53	17.2	44	9.2	68	9.8
	Total	368		319		309		476		695	
SBIR	Phase I (R43)	3,428	81.7	2,924	78.9	3,413	79.1	4,783	82.1	4,946	82.1
	Fast Track (R44 Type 1)	131	3.1	113	3.1	200	4.6	274	4.7	219	3.6
	Phase II (R44 Type 2)	638	15.2	669	18.0	702	16.3	772	13.2	855	14.2
	Total	4197		3706		4315		5829		6020	

³⁸ Only includes Type 1 and Type 2 applications

Figure 28A: Small Business Technology Transfer (STTR) Applications Reviewed by CSR by Phase, FY 2000-2004

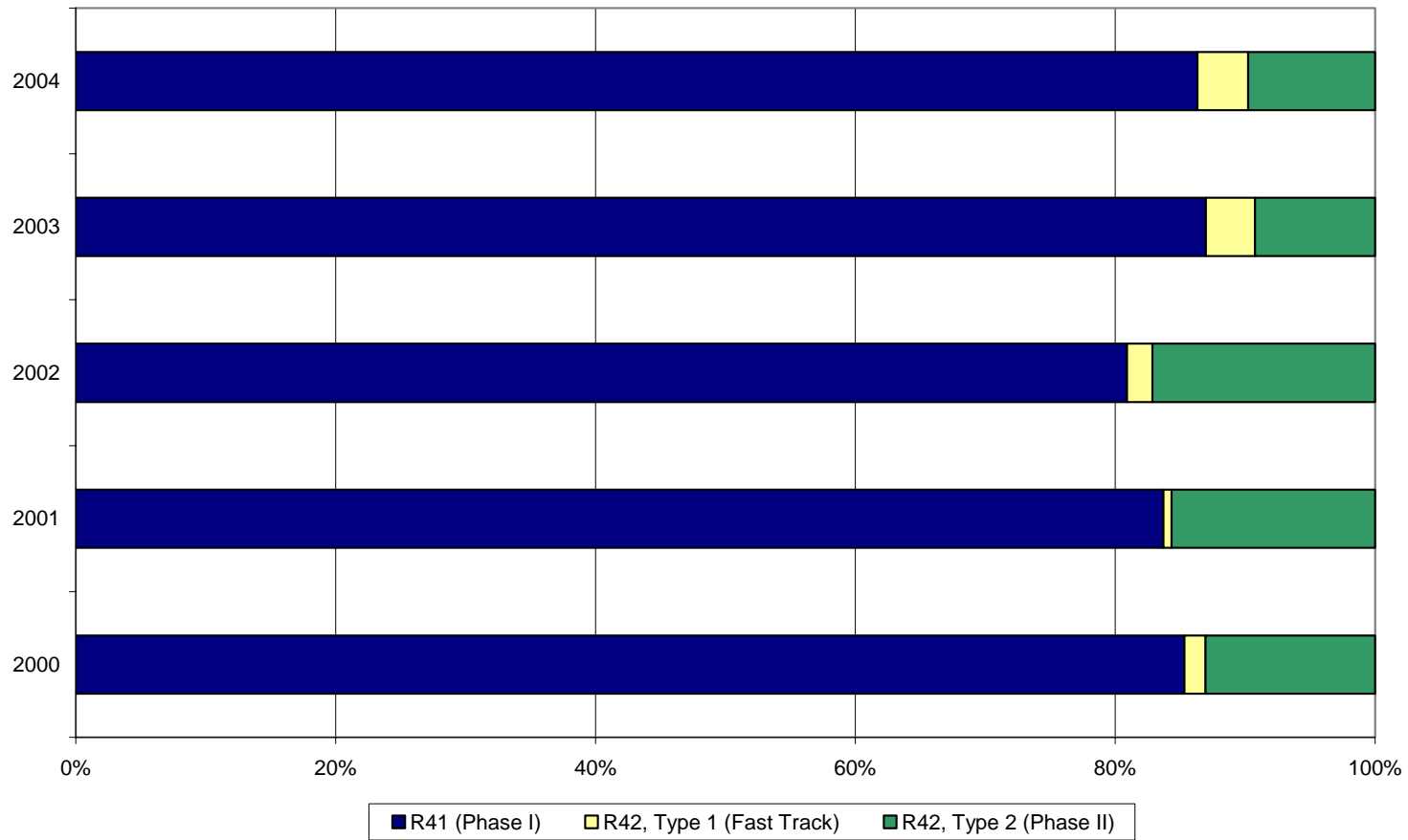
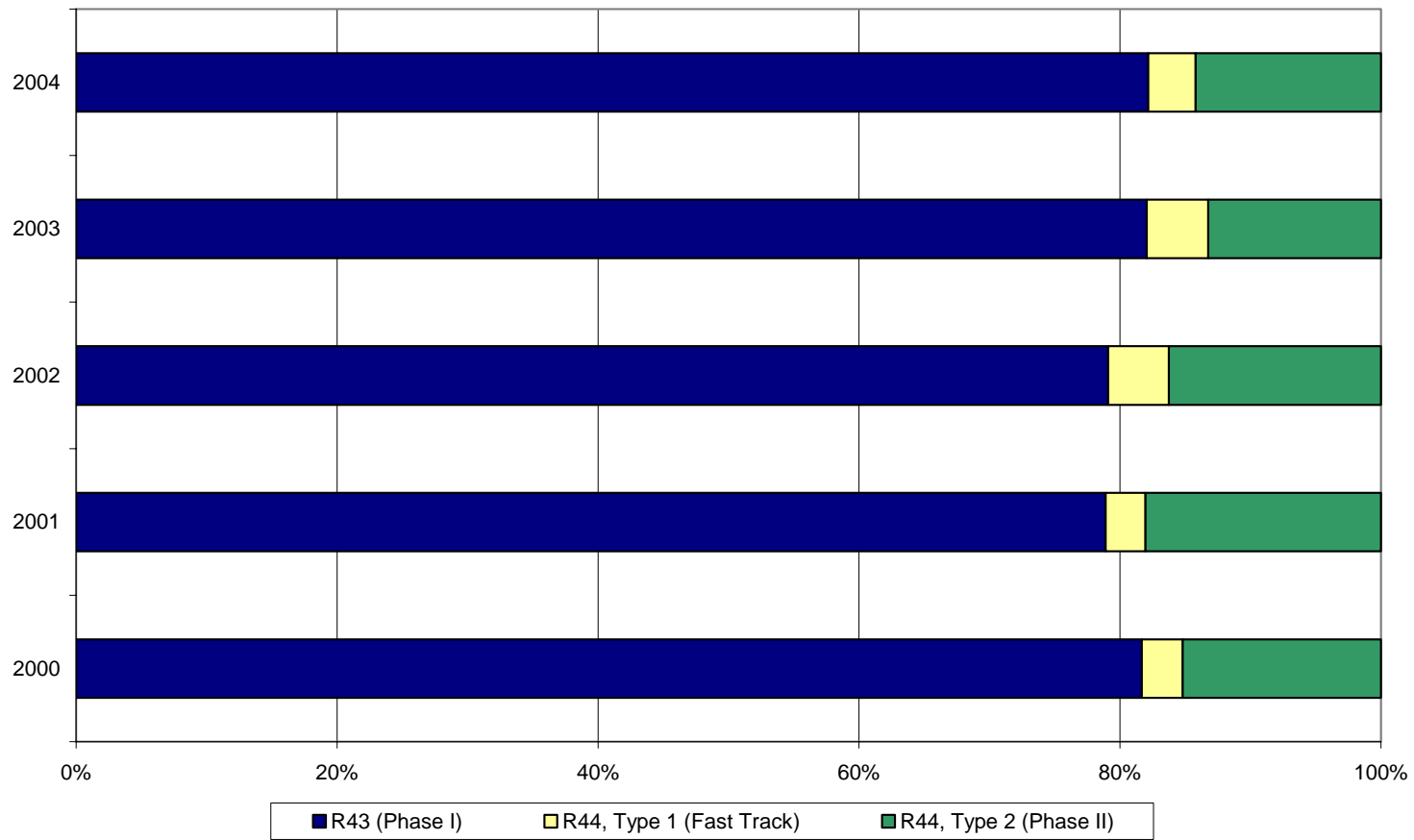


Figure 28B: Small Business Innovation Research (SBIR) Applications Reviewed by CSR by Phase, FY 2000-2004



Streamlined Small Business Applications:

Table 29. Percent of Small Business Applications Reviewed by CSR That Were Streamlined, FY 2000-2004

Small Business Application Type and Phase		2000	2001	2002	2003	2004
STTR	Phase I (R41)	43.0	30.7	33.6	38.6	41.8
	Fast Track (R42 Type 1)	66.7	100.0	66.7	55.6	44.4
	Phase II (R42 Type 2)	27.1	24.0	13.2	18.2	20.6
SBIR	Phase I (R43)	45.2	48.4	46.9	50.0	51.4
	Fast Track (R44 Type 1)	53.4	48.7	57.0	55.5	63.5
	Phase II (R44 Type 2)	24.3	20.9	26.1	25.8	26.6

Figure 29A: Percent of STTR Applications That Were Streamlined, FY 2000-2004

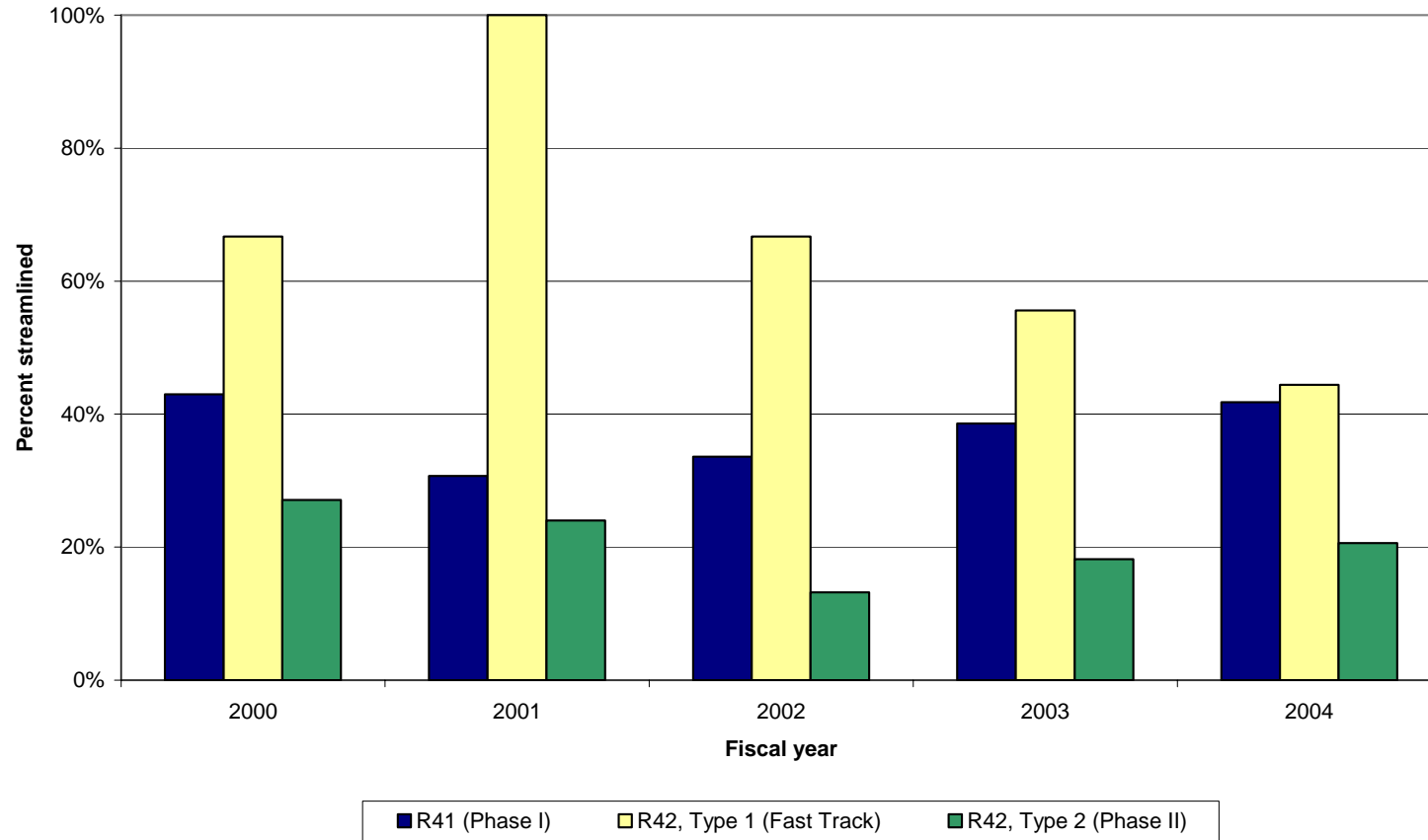
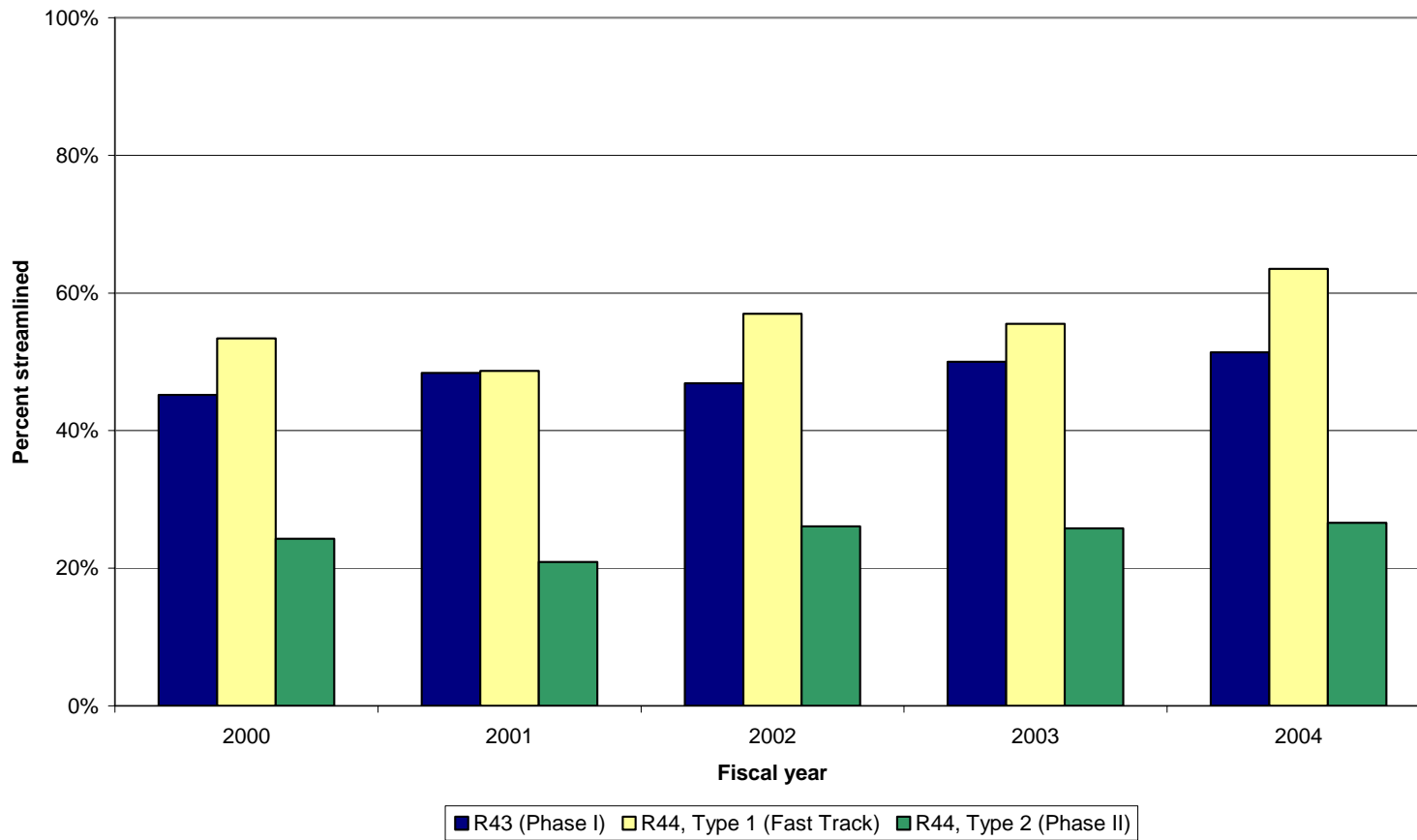


Figure 29B: Percent of SBIR Applications That Were Streamlined, FY 2000-2004



Initial and Amended Applications Reviewed by CSR:

In most cases, applicants to the NIH may submit up to two amendments (A1, A2) if their initial application is not funded.³⁹ However, in a limited number of exceptions, such as investigator-initiated R03 applications (not submitted in response to an RFA or PA), applicants are limited to one amendment. In any given fiscal year, about 70-73% of all applications reviewed by CSR were initial applications, 21-23% were A1 applications, and 5-6% were A2 applications.

Table 30A. Number and Percent of Initial Applications Reviewed by CSR, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	19,515	68.7	18,624	68.7	21,338	70.4	27,204	71.6	29,381	69.2
R01	14,000	65.6	13,557	66.0	14,795	66.4	17,288	66.7	17,606	63.8
R21	716	80.0	893	78.2	1,508	82.3	3,231	84.5	4,864	83.6
Small business	3,488	76.0	3,106	76.7	3,775	81.2	5,125	81.0	5,078	75.4
Fellowship Programs	2,067	87.6	1,855	87.1	1,985	86.3	2,324	83.3	2,784	80.6
Research Career Programs	155	73.5	155	71.4	183	71.8	180	70.9	179	67.5
Other	377	86.3	493	86.2	526	85.9	541	85.2	723	85.2

³⁹ As of June 1997, the NIH no longer accepts A3 or higher amendments to an application for extramural support. There have been a few exceptions following study section reorganization but A3 amendments constituted only 0.1% of the applications reviewed between 2000-2004. Thus, although they were included in percentage calculations, A3 applications are not included in any tables or charts.

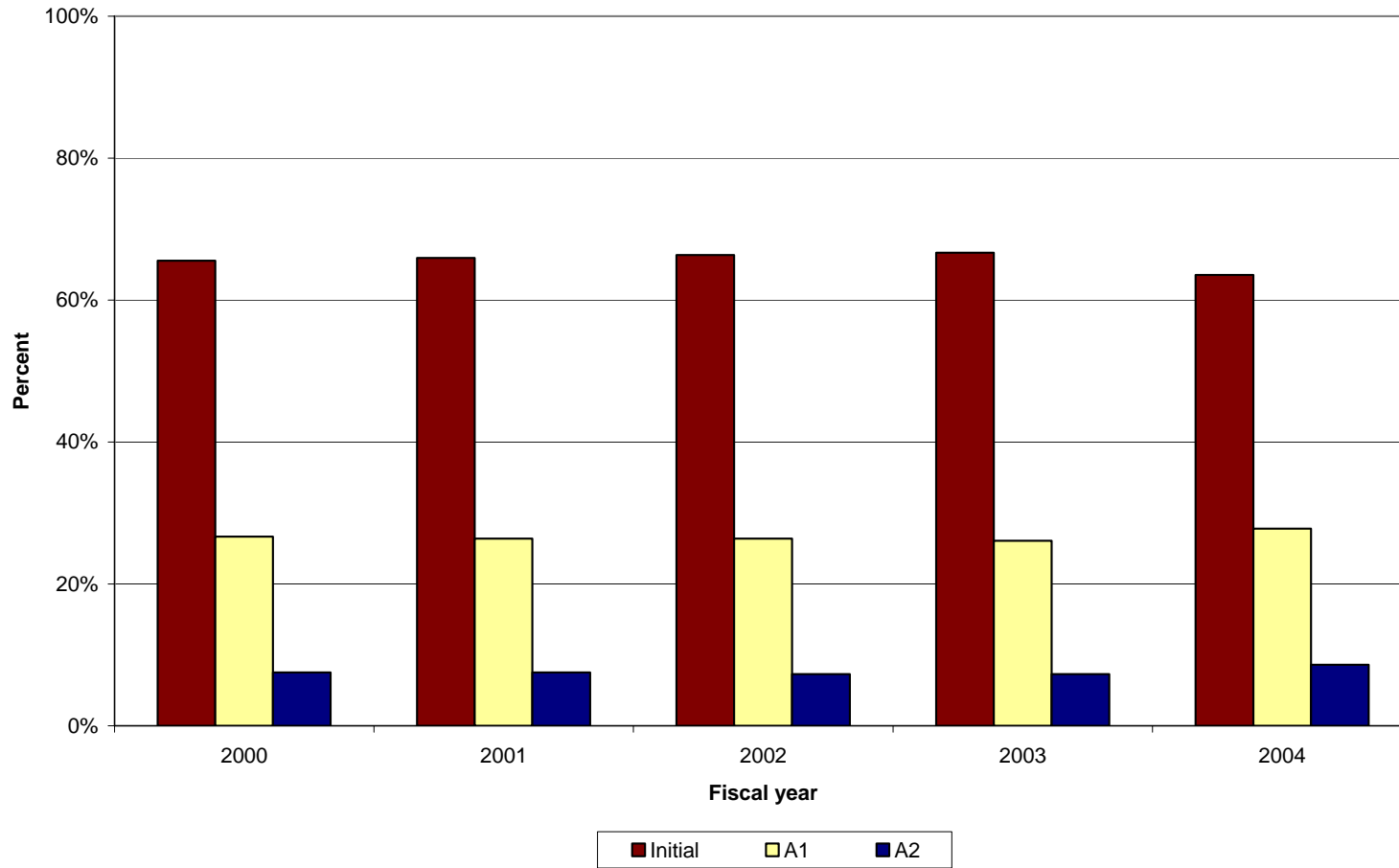
Table 30B. Number and Percent of A1 Applications Reviewed by CSR, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	6,988	24.6	6,669	24.6	7,115	23.5	8,623	22.7	10,290	24.2
R01	5,697	26.7	5,426	26.4	5,878	26.4	6,764	26.1	7,625	27.6
R21	147	16.4	229	20.1	273	14.9	539	14.1	838	14.4
Small business	933	20.3	776	19.2	740	15.9	1,024	16.2	1,437	21.3
Fellowship Programs	275	11.7	262	12.3	292	12.7	439	15.7	600	17.4
Research Career Programs	44	20.9	48	22.1	64	25.1	55	21.7	72	27.2
Other	57	13.0	69	12.1	80	13.1	88	13.9	111	13.1

Table 30C. Number and Percent of A2 Applications Reviewed by CSR, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	1,830	6.4	1,766	6.5	1,848	6.1	2,168	5.7	2,746	6.5
R01	1,605	7.5	1,545	7.5	1,622	7.3	1,885	7.3	2,366	8.6
R21	32	3.6	20	1.8	51	2.8	55	1.4	118	2.0
Small business	166	3.6	168	4.1	136	2.9	179	2.8	222	3.3
Fellowship Programs	18	0.8	13	0.6	23	1.0	26	0.9	68	2.0
Research Career Programs	10	4.7	14	6.5	8	3.1	19	7.5	14	5.3
Other	3	0.7	10	1.7	6	1.0	6	0.9	15	1.8

Figure 30: Initial and Amended R01 Applications Reviewed by CSR



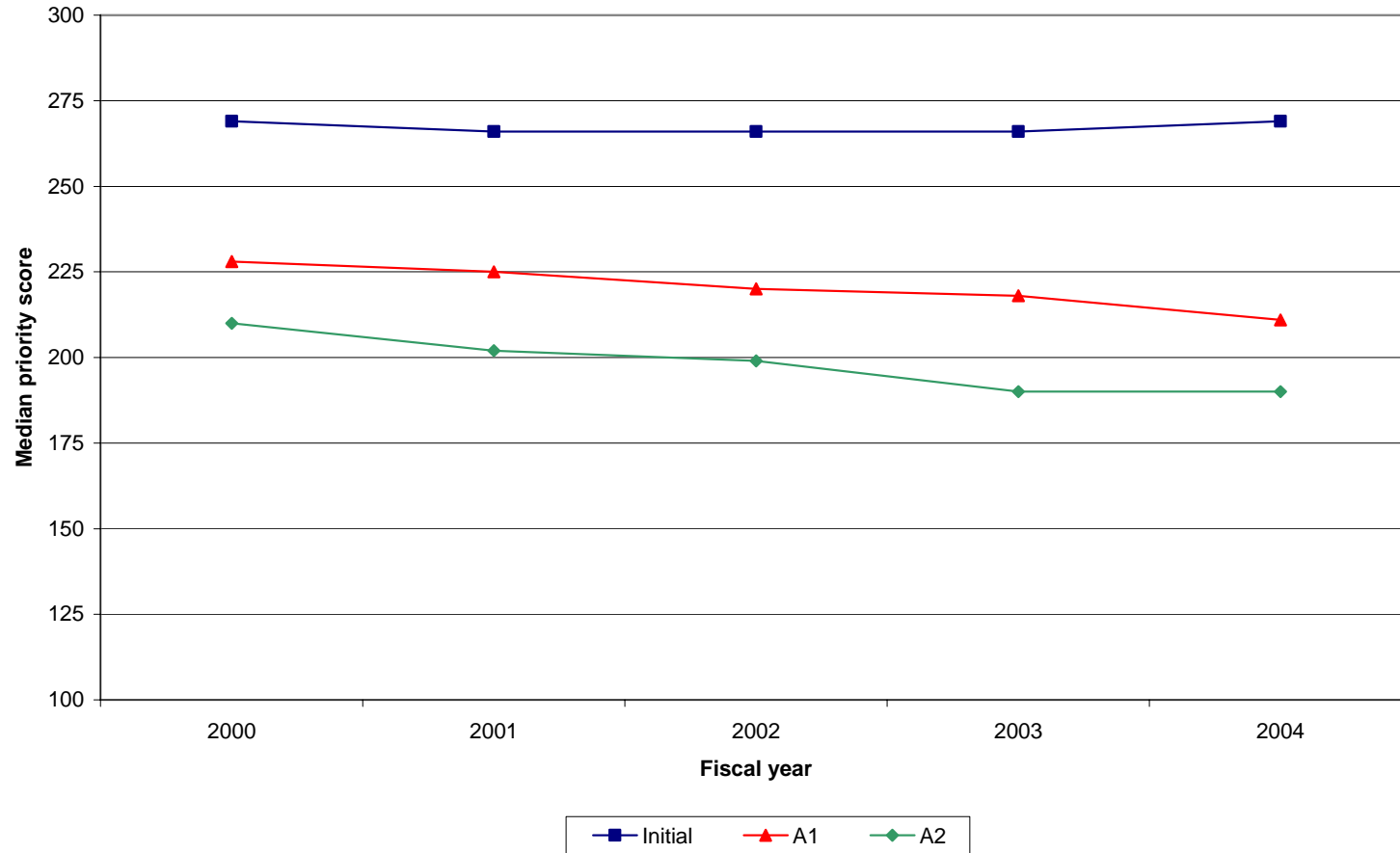
Median Priority Scores for Initial and Amended Applications:

Table 31. Median Priority Scores for Initial and Amended (A1, A2) Applications Reviewed by CSR, FY 2000-2004⁴⁰

Mechanism	2000			2001			2002			2003			2004		
	Initial	A1	A2	Initial	A1	A2	Initial	A1	A2	Initial	A1	A2	Initial	A1	A2
Research Projects	280.0	234.0	214.0	277.0	231.0	206.5	278.0	227.0	202.0	286.0	223.0	194.0	292.0	221.0	195.0
R01	269.0	228.0	210.0	266.0	225.0	202.0	266.0	220.0	199.0	266.0	218.0	190.0	269.0	211.0	190.0
R21	289.0	219.0	205.0	295.0	220.0	209.0	294.0	221.0	202.0	304.0	215.0	203.0	329.0	218.5	200.0
Small business	356.0	291.0	302.0	357.0	285.0	255.0	341.0	291.0	263.5	422.0	283.0	268.0	*	288.0	264.0
Fellowship Programs	200.0	195.0	157.5	200.0	189.5	180.0	227.0	209.0	250.0	221.0	198.0	172.0	224.0	198.0	170.5
Research Career Programs	227.0	194.0	168.5	209.0	196.0	169.0	223.0	200.5	163.5	219.0	177.0	171.0	204.0	157.5	178.5
Other	247.0	189.0	300.0	252.0	201.0	197.5	252.5	194.0	170.5	251.0	196.0	176.5	238.0	198.0	178.0

⁴⁰ An “*” indicates that more than half the applications were streamlined.

Figure 31: Median Priority Scores in Initial and Amended (A1, A2) R01 Applications Reviewed by CSR, FY 2000-2004

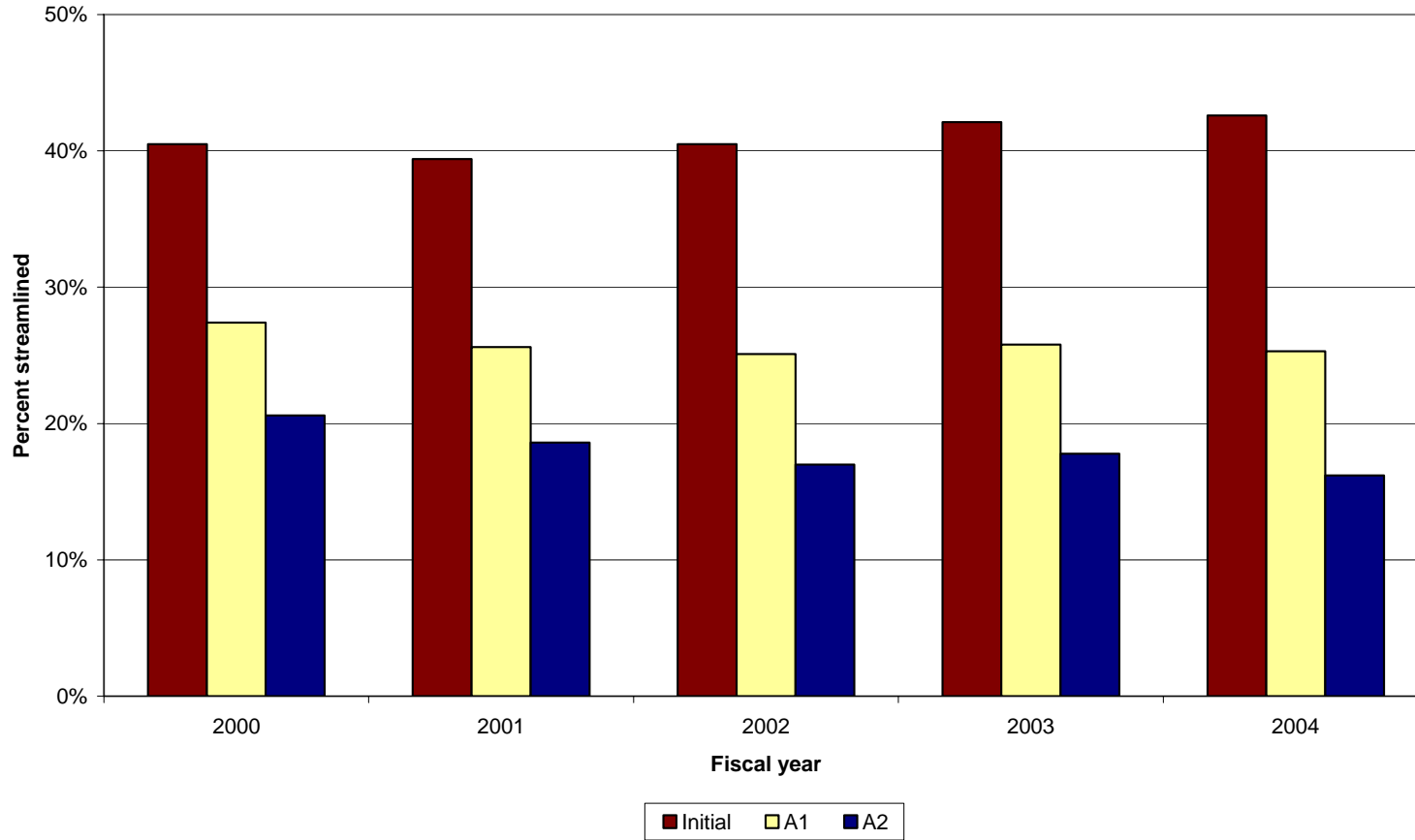


Streamlined Initial and Amended Applications:

Table 32. Percent of Initial and Amended (A1, A2) Applications That Were Streamlined, FY 2000-2004

Mechanism	2000			2001			2002			2003			2004		
	Initial	A1	A2	Initial	A1	A2	Initial	A1	A2	Initial	A1	A2	Initial	A1	A2
Research Projects	40.2	27.7	21.7	39.6	26.1	19.4	40.3	26.1	18.0	43.4	26.4	18.4	44.9	27.3	17.7
R01	40.4	27.4	20.6	39.3	25.6	18.6	40.3	25.0	17.0	42.1	25.8	17.8	42.6	25.3	16.2
R21	40.1	21.8	9.4	41.3	22.3	10.0	41.6	19.8	17.6	44.7	22.4	12.7	47.0	25.4	16.9
Small business	44.5	33.9	36.1	45.2	33.2	27.4	44.4	38.2	30.9	49.3	34.3	25.7	50.1	39.5	33.8

Figure 32: Percent of Initial and Amended R01 Applications That Were Streamlined, FY 2000-2004

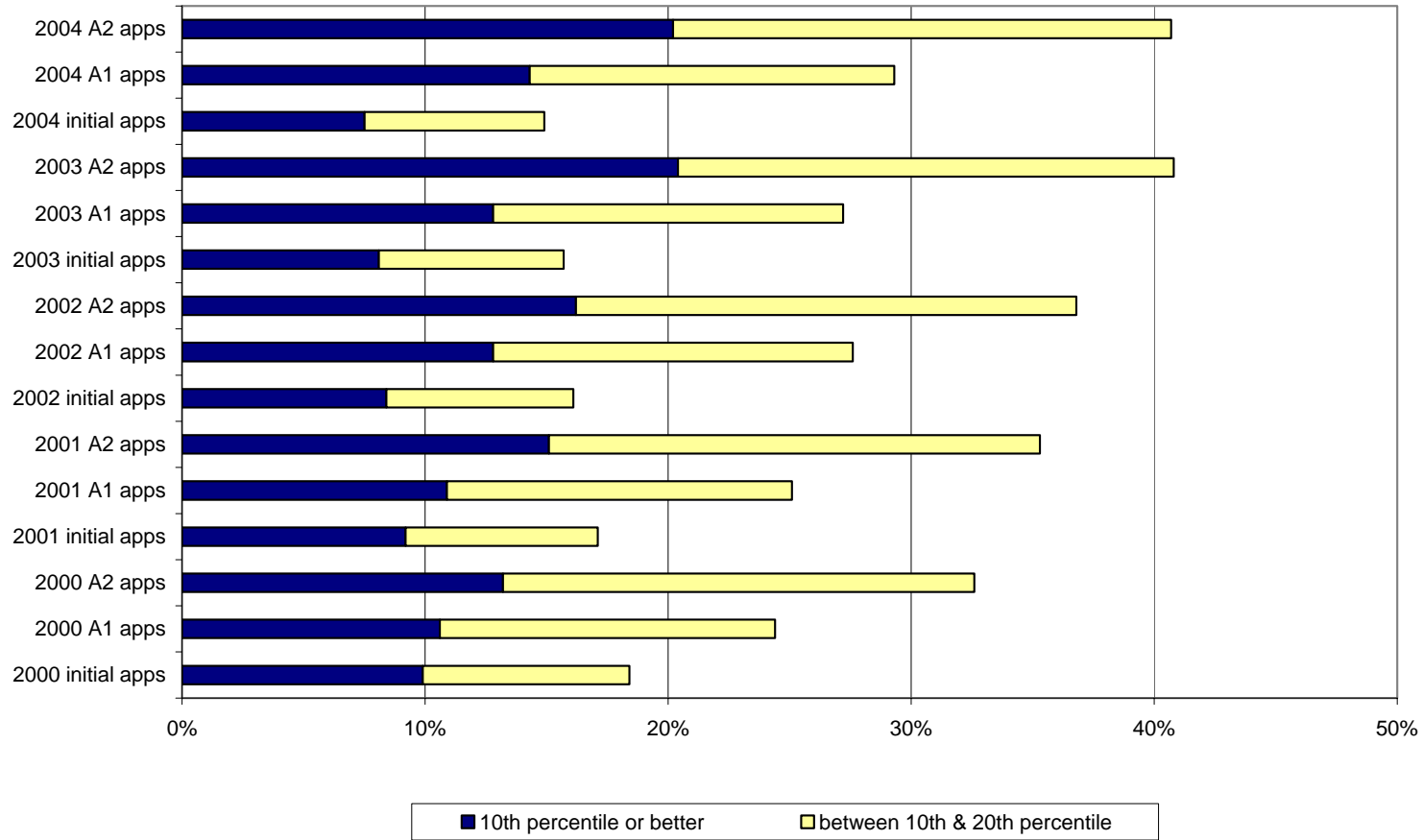


Percentiles of Initial and Amended R01 Applications:

Table 33. Percent of Initial and Amended (A1, A2) R01 Applications Scoring at the 20th Percentile or Better

Fiscal Year	Application	Number reviewed	Percent scoring at the 10th percentile or better	Percent scoring at the 20th percentile or better
2000	Initial	14,000	9.9	18.4
	A1	5,697	10.6	24.4
	A2	1,605	13.2	32.6
2001	Initial	13,557	9.2	17.1
	A1	5,426	10.9	25.1
	A2	1,545	15.1	35.3
2002	Initial	14,795	8.4	16.1
	A1	5,878	12.8	27.6
	A2	1,622	16.2	36.8
2003	Initial	17,288	8.1	15.7
	A1	6,764	12.8	27.2
	A2	1,885	20.4	40.8
2004	Initial	17,606	7.5	14.8
	A1	7,625	14.3	29.2
	A2	2,366	20.2	40.3

Figure 33: Initial and Amended R01 Applications Scoring at the 20th Percentile or Better



Prospective Resubmission Data:

For this table, all initial R01 applications reviewed in FY 2001 were tracked to their final outcome.⁴¹

Table 34: Initial R01 Applications Reviewed⁴² in FY 2001 and Tracked to their Final Outcome

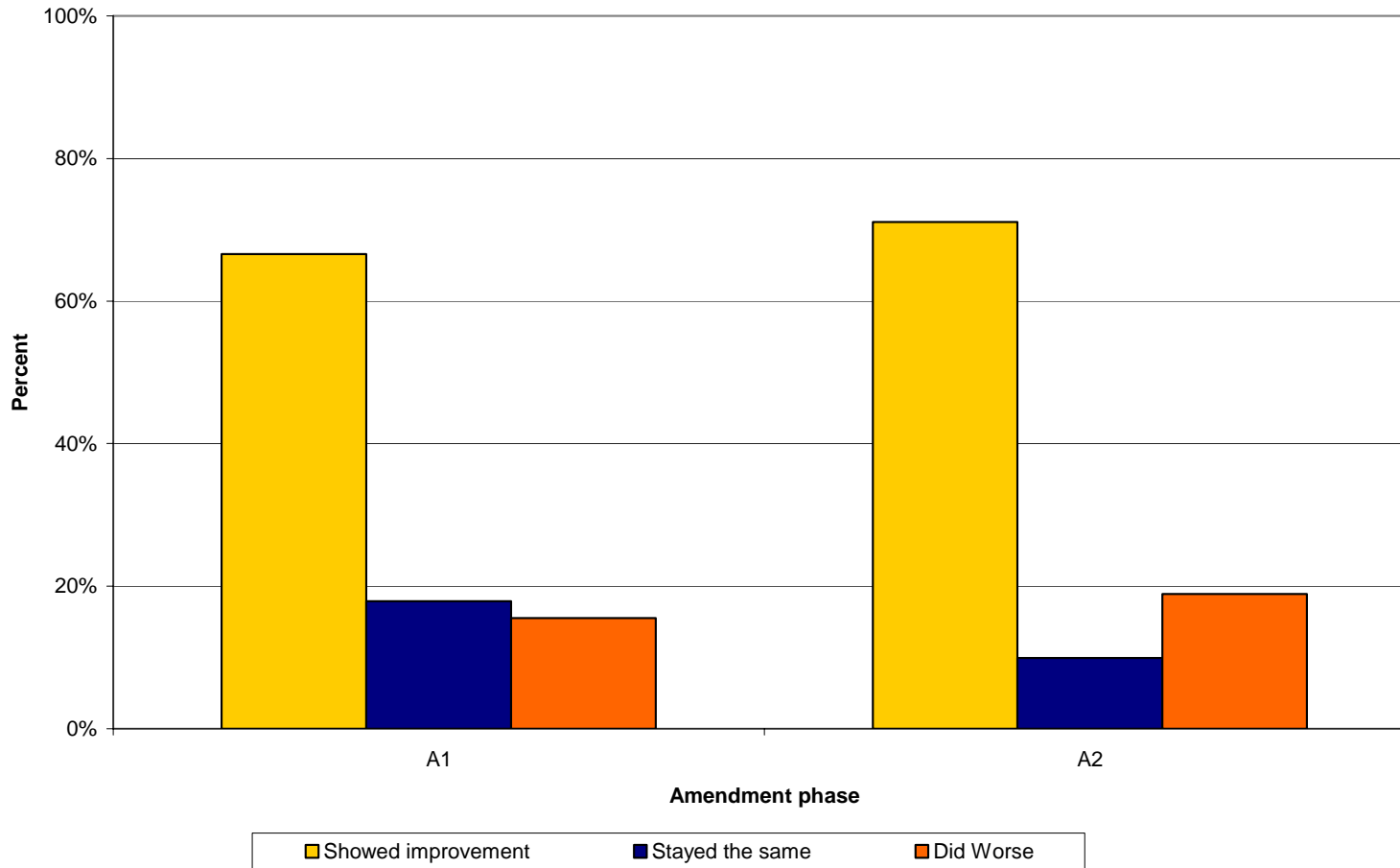
	Initial	Submitted A1 (%)	Percent that did:			A1	Submitted A2 (%)	Percent that did:			A2
			Better than the initial application	Same as the initial application ⁴³	Worse than the initial application			Better than the A1	Same as the A1	Worse than the A1	
Total Applications	13,494	--	--	--	--	5,323	--	--	--	--	1,569
Funded	3,217	--	--	--	--	1,913	--	--	--	--	759
Scored, unfunded	4,959	3,523 (71.0)	76.0	0.5	23.4	2,106	1,284 (60.3)	76.4	.5	23.1	541
Unscored, unfunded	5,318	1,800 (33.8)	48.2	51.8	0	1,304	285 (21.8)	47.4	52.6	0	269
Total Unfunded	10,277	5,323 (51.8)	66.6	17.9	15.5	3,410	1,569 (45.7)	71.1	9.9	18.9	810

⁴¹ The time required to allow for all amendments to be submitted precluded using more recent data.

⁴² Table does not include 23 applications that were reviewed and subsequently withdrawn by ICs and 29 applications that had grant number changes and could not be tracked through subsequent amendments

⁴³ Applications that did the same as the initial or A1 application had either the same priority score or were streamlined in both submissions. Nearly all (98%) of the applications that fell into the categories "Same as the initial application" or "Same as the A1" were streamlined in both submissions.

Figure 34: Percent of Amended R01 Applications Initially Reviewed in FY 2001 That Showed Improvement, Stayed the Same, or Did Worse than the Previous Submission as Measured by Changes in Priority Scores



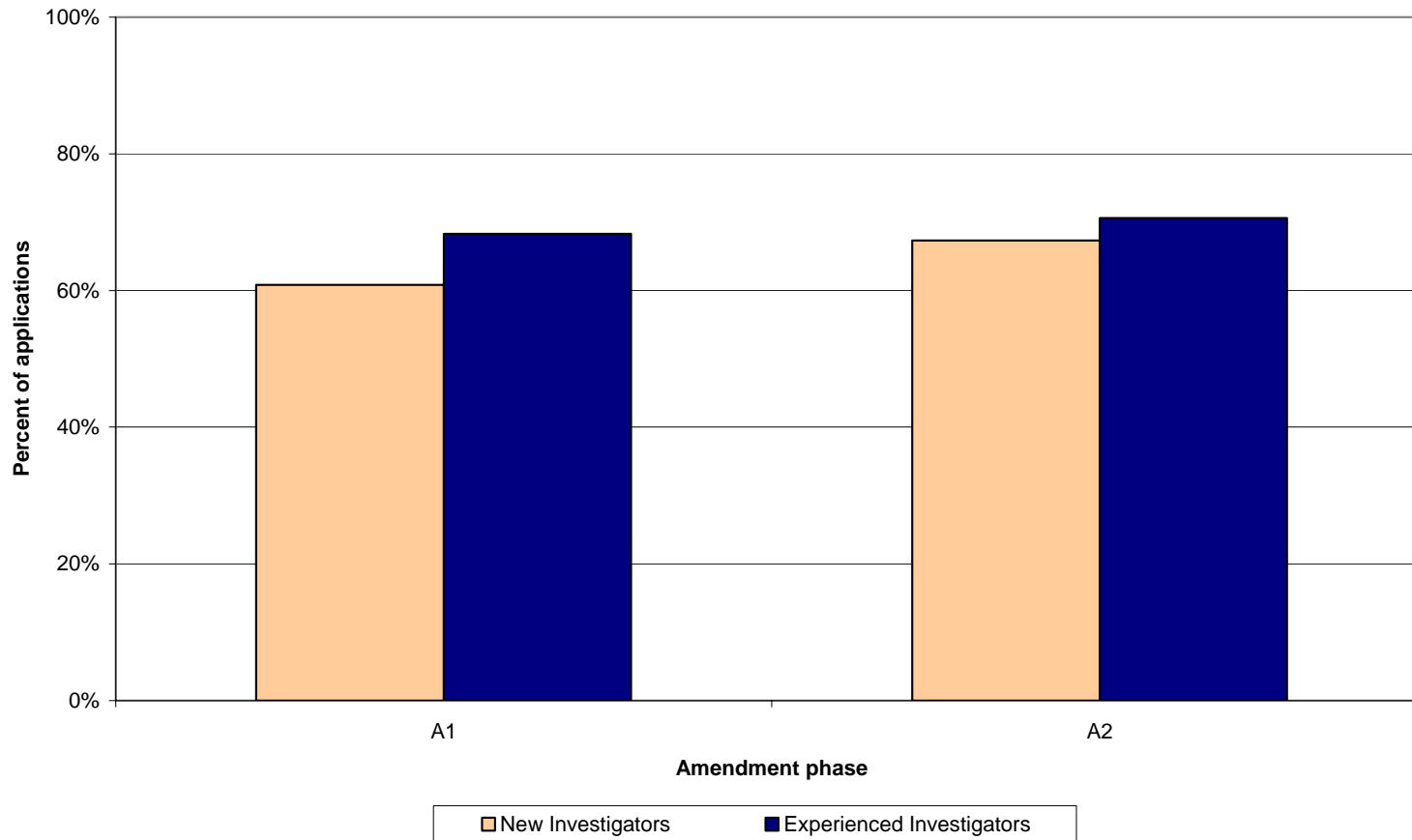
Resubmission by New vs. Experienced Investigators:

Table 35: Initial R01 Applications Reviewed in FY 2001 Tracked to Final Outcome –New⁴⁴ vs. Experienced Investigators

Investigator	# unfunded initial application	# submitted A1	Percent that did:			# unfunded A1	# submitted A2	Percent that did:		
			Better than the initial application	Same as the initial application	Worse than the initial application			Better than the A1	Same as the A1	Worse than the A1
New Investigator	2,558	1,183	60.8	21.7	17.5	820	321	68.8	11.2	19.9
Experienced Investigator	7,719	4,140	66.3	16.8	14.9	2,590	1,248	71.7	9.6	18.7

⁴⁴ A new investigator is defined in the PHS 398 instructions as a principal investigator who “has not previously served as such on any PHS-supported research project other than a small grant (R03), an Academic Research Enhancement Award (R15), an exploratory/developmental grant (R21), or research career awards directed principally to physicians, dentists, or veterinarians at the beginning of their research career (K01, K08, K22, and K23).” Our data are based on the self identification of new or experienced investigators using the “new investigator” checkbox on the PHS 398 face page and on identification by NIH staff.

Figure 35. Percent of Amended R01 Applications Submitted by New or Experienced Investigators that Showed Improved Priority Scores from the Previous Submission (R01 Applications Initially Reviewed in FY 2001)



Retrospective Resubmission Data:

For this table, all amended R01 applications (A1, A2) reviewed in each fiscal year were tracked back to their initial submission and review outcomes (changes in priority scores) were compared between each amendment and its immediate preceding submission. Thus, review outcomes for A2 amended applications were compared to A1 outcomes, and A1 outcomes were compared to the initial submission.

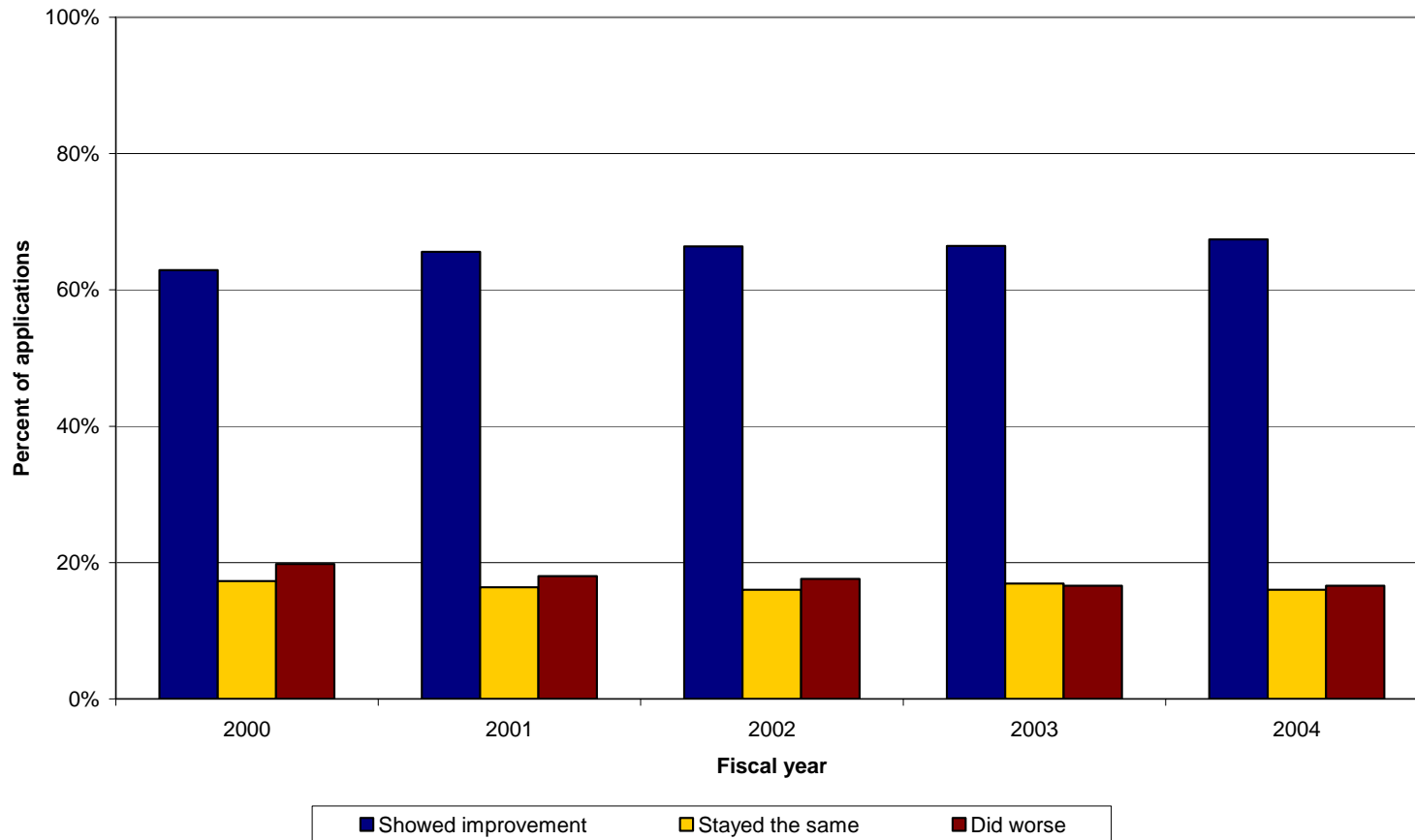
Table 36: Amended R01 Applications (A1, A2) Reviewed in each Fiscal Year and Tracked Back to their Initial Submission, FY 2000-2004

FY	Number of amended applications (A1, A2)⁴⁵	Improved	Percent that: Stayed the same⁴⁶	Did worse
2000	7,173	62.9	17.3	19.8
2001	6,814	65.6	16.4	18.0
2002	7,333	66.4	16.0	17.6
2003	8,464	66.5	16.9	16.6
2004	9,721	67.4	16.0	16.6

⁴⁵ Numbers do not match the totals in previous tables showing amended applications because approximately 3% of applications could not be traced back to one or more previous submissions for several reasons, including: 1) applications were originally reviewed as another activity (R29, R55); 2) applications were given bridge funding as R21s; or 3) the preceding submission was too long ago to be included in the dataset, which extended through 1994.

⁴⁶ 98% of the applications that neither improved nor did worse were streamlined in both submissions.

Figure 36. Percent of Amended (A1, A2) R01 Applications that Improved, Stayed the Same, or Did Worse Than Their Immediate Preceding Submission, FY 2000-2004



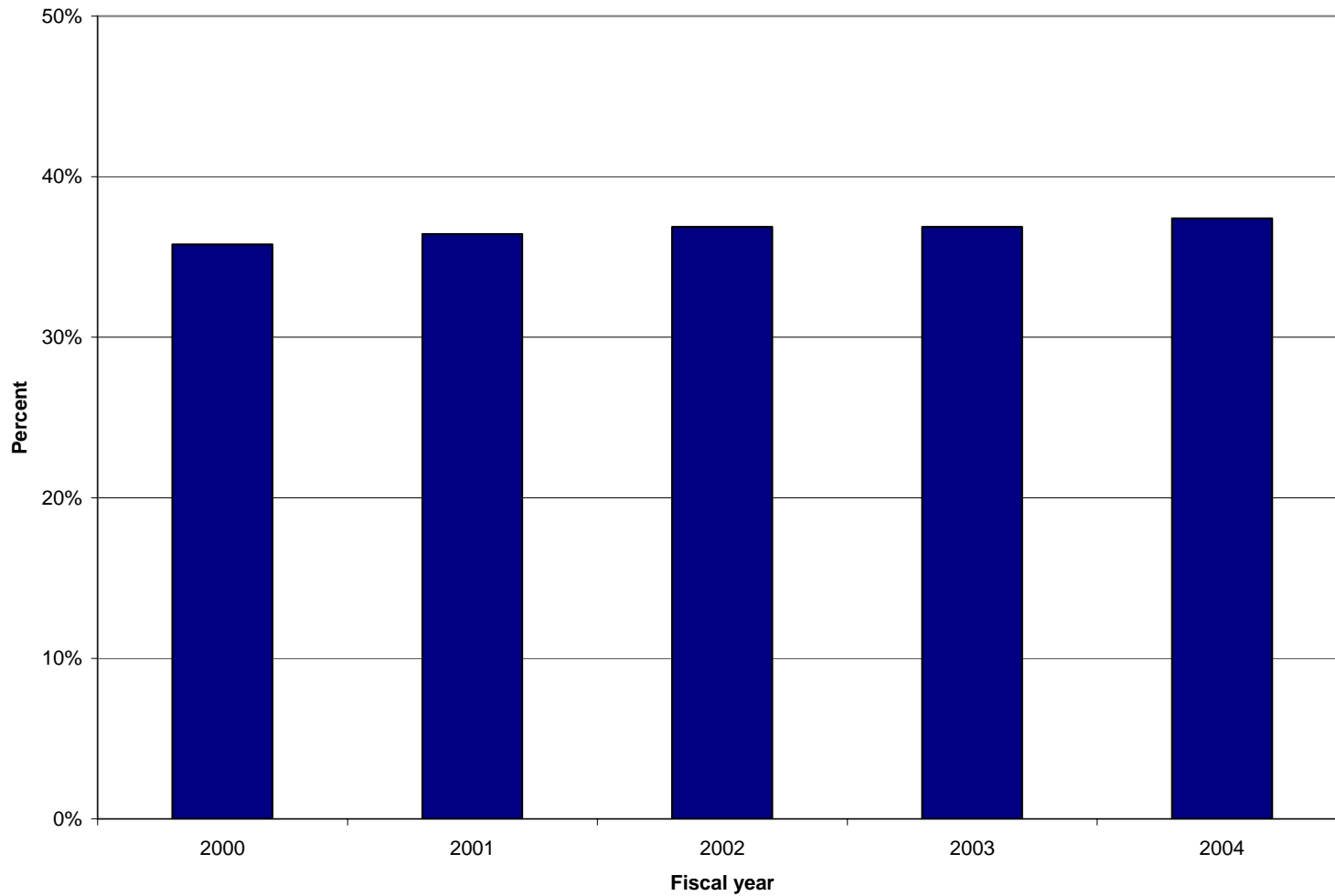
Human Subjects Applications:

Table 37. Number and Percent of Applications Reviewed by CSR That Involved Human Subjects,⁴⁷ FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	10,340	36.4	10,104	37.3	11,408	37.6	14,023	36.9	15,694	37.0
R01	7,640	35.8	7,488	36.4	8,221	36.9	9,564	36.9	10,340	37.4
R21	475	53.1	635	55.6	956	52.2	1,692	44.2	2,240	38.5
Small business	1,611	35.1	1,465	36.2	1,631	35.1	2,017	31.9	2,190	32.5
Fellowship Programs	465	19.7	472	22.2	558	24.3	690	24.7	937	27.1
Research Career Programs	139	65.9	153	70.5	158	62.0	185	72.8	197	74.3
Other	39	8.9	93	16.3	92	15.0	186	29.3	133	15.7

⁴⁷ An application was considered to involve human subjects if it had any of the codes used in IMPACII to designate that human subjects, tissues, behavioral data, etc. were used as part of the study.

Figure 37: Percent of R01 Applications Reviewed by CSR That Involved Human Subjects, FY 2000-2004

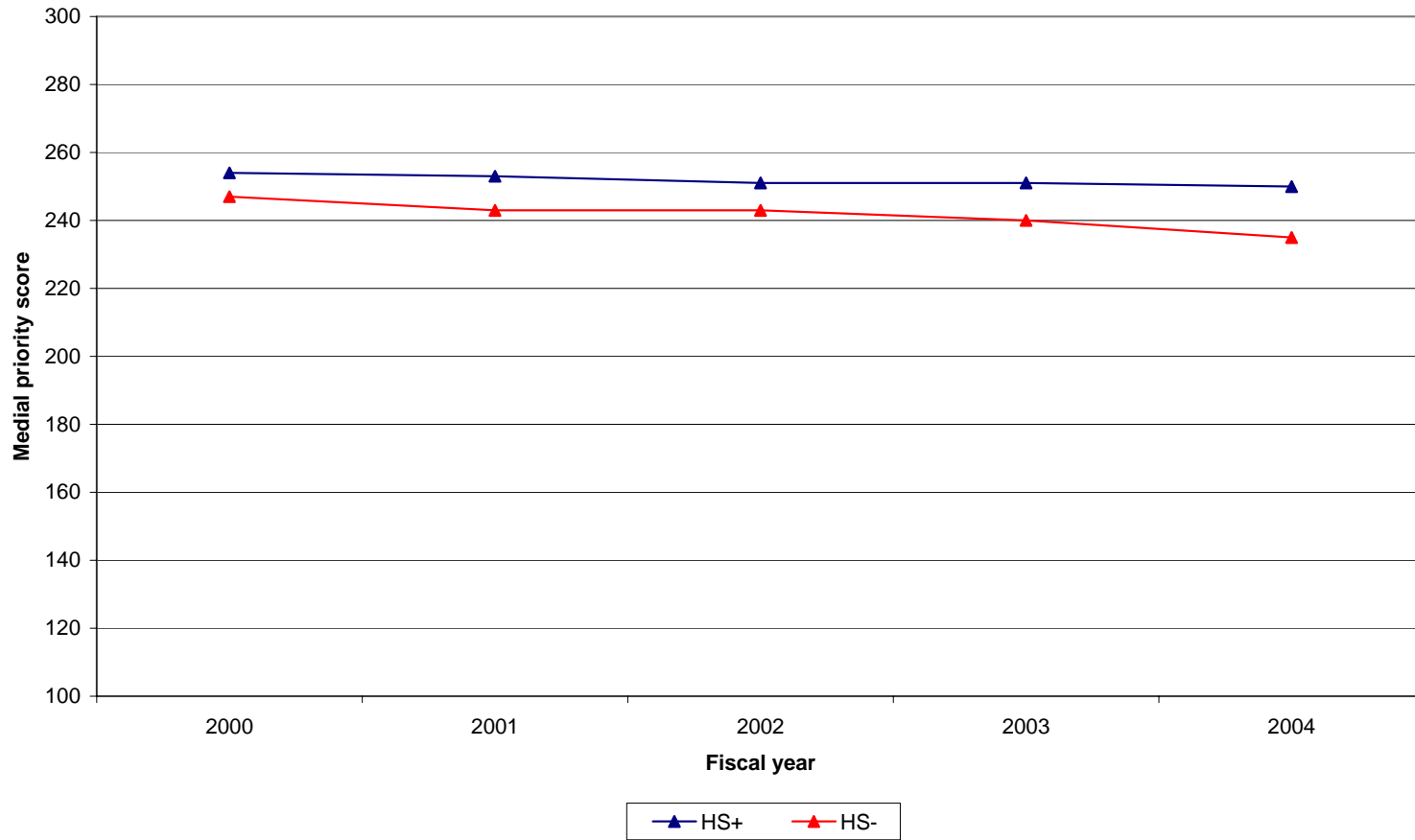


Median Priority Scores for Applications Involving Human Subjects and Not Involving Human Subjects:

Table 38. Median Priority Scores for Applications Involving Human Subjects (HS+) and Those Not Involving Human Subjects (HS-), FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	HS+	HS-	HS+	HS-	HS+	HS-	HS+	HS-	HS+	HS-
Research Projects	269.0	255.0	265.0	251.0	264.0	252.0	266.0	254.0	265.0	253.0
R01	254.0	247.0	253.0	243.0	251.0	243.0	251.0	240.0	250.0	235.0
R21	296.0	241.0	285.0	251.0	287.5	257.5	290.0	278.0	282.0	291.0
Small business	343.0	325.0	328.0	323.0	325.0	329.0	314.0	372.0	328.5	349.0
Fellowship Programs	191.0	201.0	198.5	198.0	214.0	227.0	208.0	219.0	217.0	219.0
Research Career Programs	212.0	201.0	203.0	203.5	214.0	223.0	200.0	223.0	198.0	185.5
Other	263.0	230.0	248.0	247.0	238.5	243.5	245.0	231.0	214.0	231.0

Figure 38: Median Priority Scores of HS+ and HS- R01 Applications Reviewed by CSR, FY 2000-2004

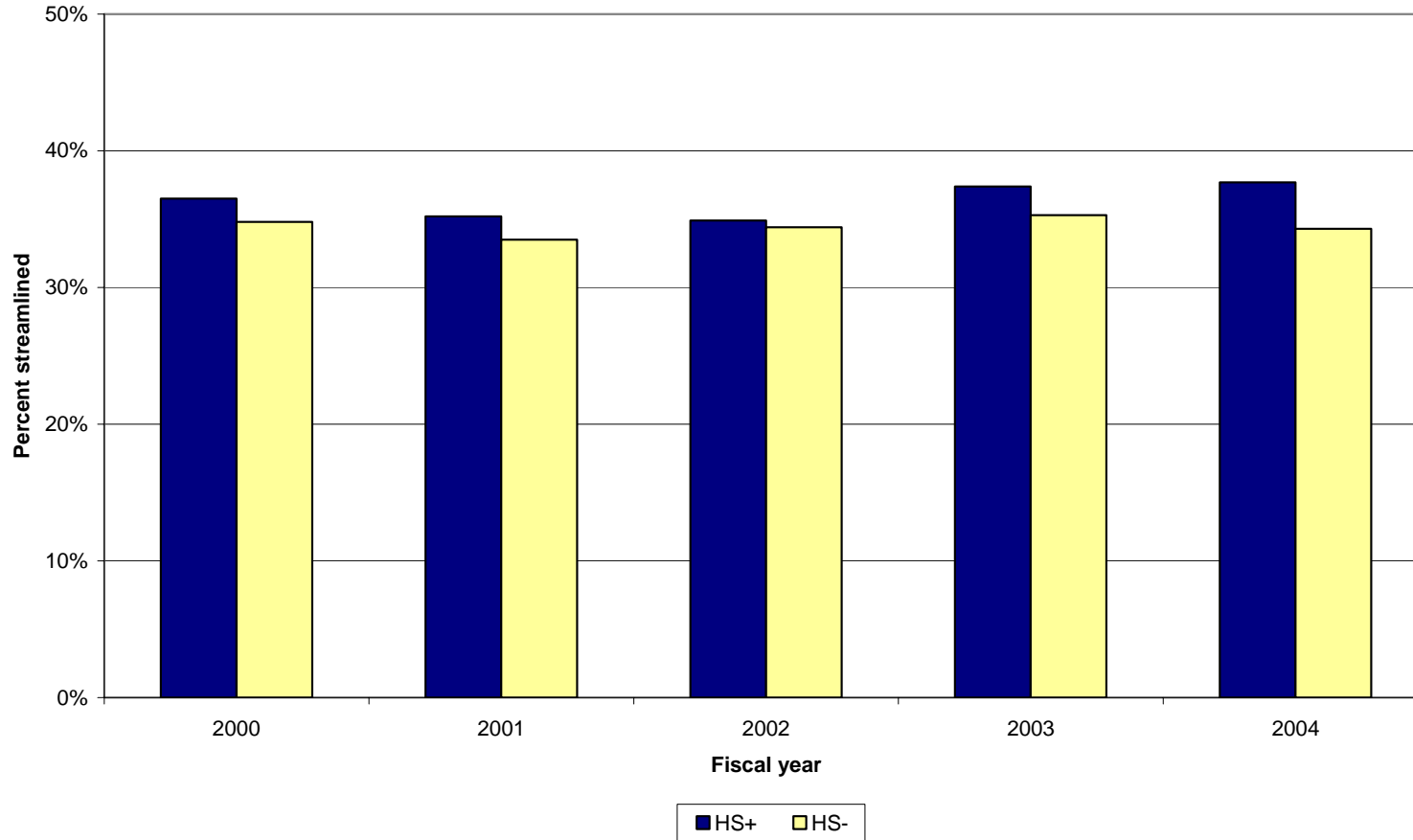


Streamlined HS+ and HS- Applications:

Table 39. Percent of HS+ and HS- Applications That Were Streamlined, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	HS+	HS-	HS+	HS-	HS+	HS-	HS+	HS-	HS+	HS-
Research Projects	37.6	34.9	36.4	34.0	36.4	35.1	38.9	37.7	40.4	37.7
R01	36.5	34.8	35.2	33.5	34.9	34.4	37.4	35.3	37.7	34.3
R21	43.4	27.6	41.3	31.6	40.4	34.8	42.4	40.1	43.3	43.3
Small business	43.3	41.4	41.9	42.4	41.4	43.9	41.7	48.3	45.3	48.2

Figure 39: Percent of HS+ and HS- R01 Applications Reviewed by CSR That Were Streamlined, FY 2000-2004

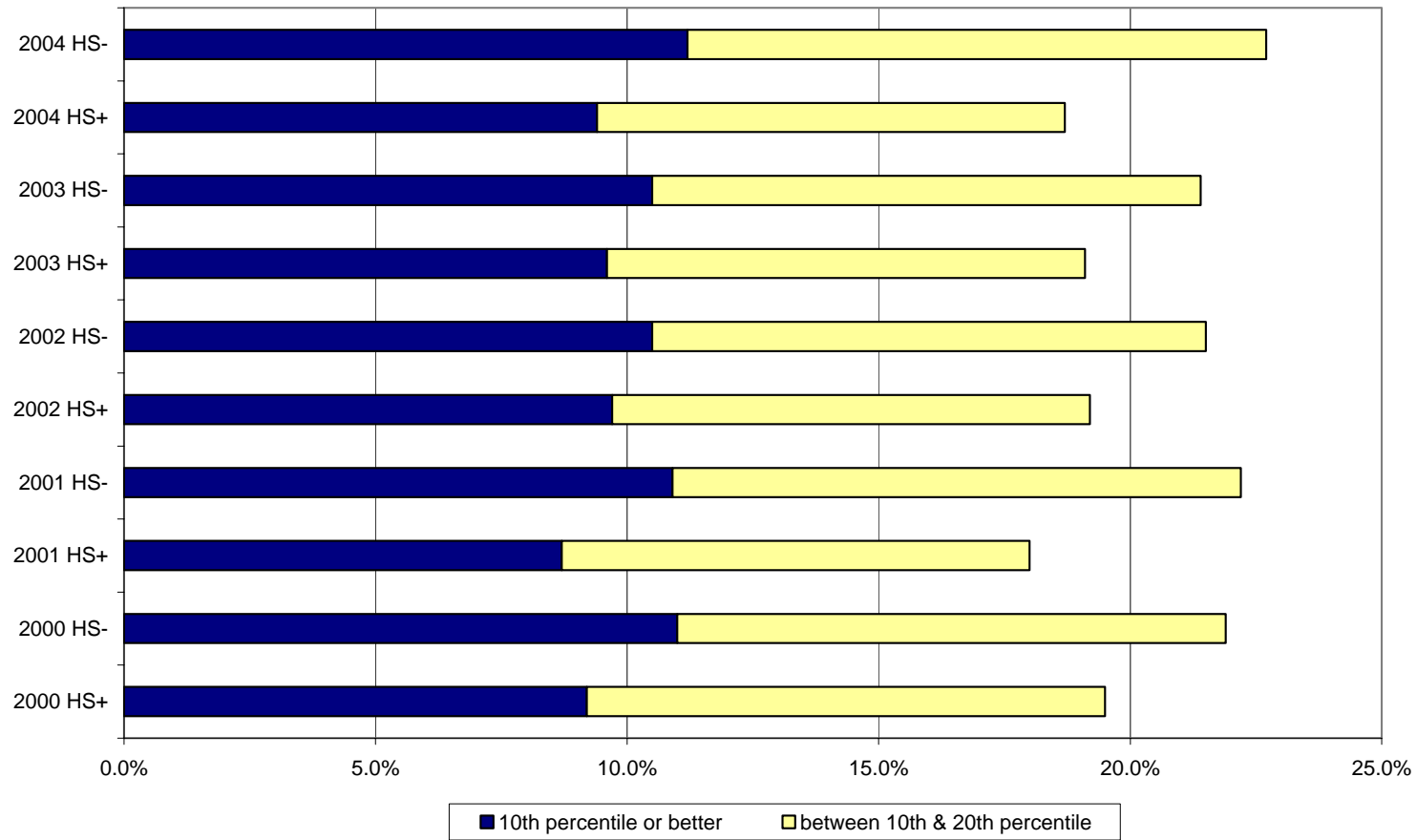


Percentiles of HS+ and HS- Applications:

Table 40. Percent of HS+ and HS- R01 Applications That Scored at the 20th Percentile or Better, FY 2000-2004

Fiscal year	Type	Number of applications	Percent scoring at the 10th percentile or better	Percent scoring at the 20th percentile or better
2000	HS+	7,640	9.2	19.5
	HS-	13,716	11.0	21.9
2001	HS+	7,488	8.7	18.0
	HS-	13,068	10.9	22.2
2002	HS+	8,221	9.7	19.2
	HS-	14,077	10.5	21.5
2003	HS+	9,564	9.6	19.1
	HS-	16,373	10.5	21.4
2004	HS+	10,340	9.4	18.6
	HS-	17,272	11.2	22.5

Figure 40: Percent of HS+ and HS- Applications Scoring at the 20th Percentile or Better, FY 2000-2004



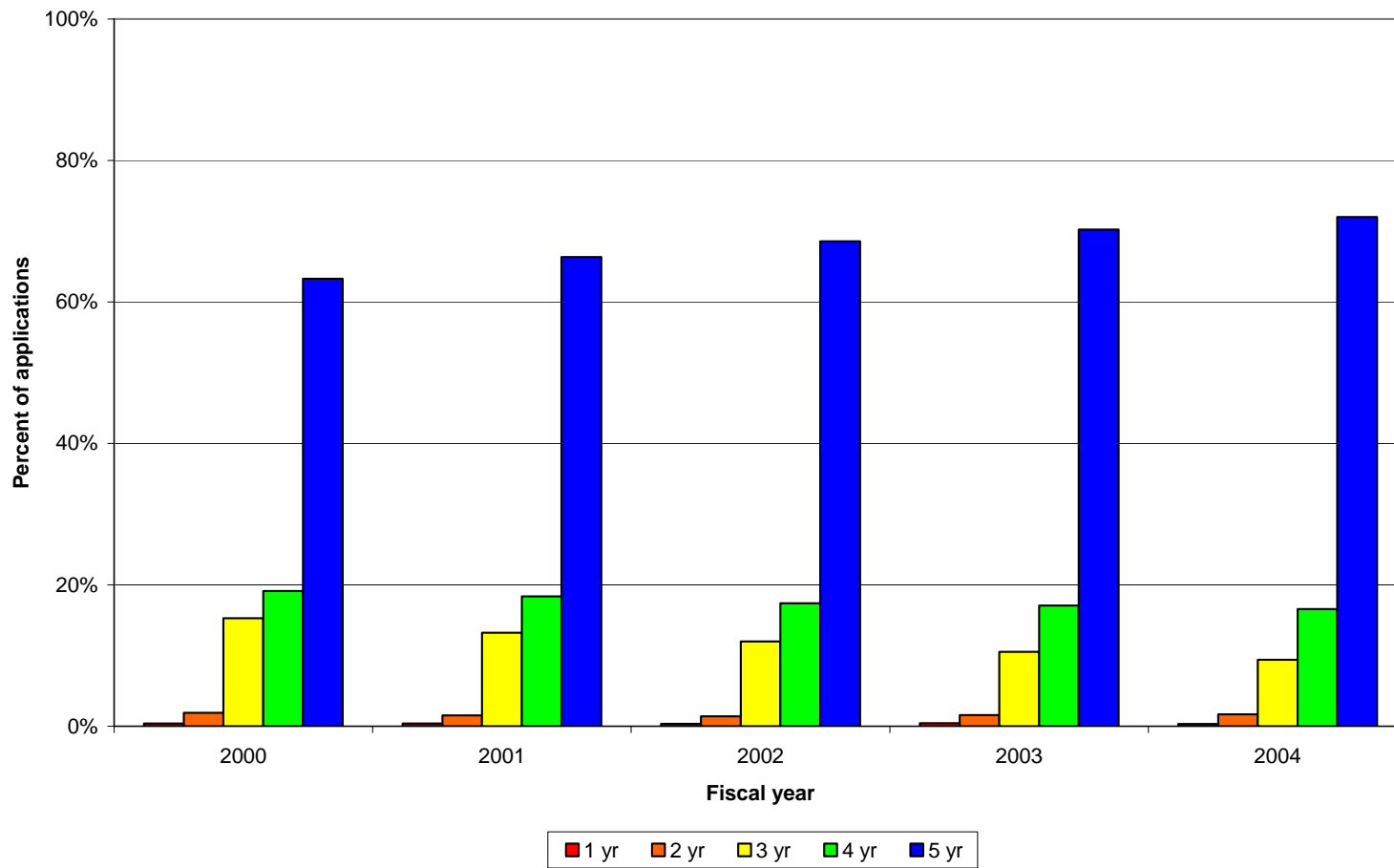
Years of Support Requested:

Table 41. Number of Applications Reviewed by CSR by Requested Years of Support, FY 2000-2004

Mechanism	FY	Requested Years					
		1	2	3	4	5	>5 ⁴⁸
Research Projects	2000	4,002	2,277	4,202	4,149	13,756	3
	2001	3,403	2,341	3,619	3,863	13,836	28
	2002	3,806	3,236	3,665	4,024	15,523	51
	2003	4,871	5,963	4,118	4,600	18,406	37
	2004	5,125	8,563	3,985	4,524	20,223	8
R01	2000	85	405	3,262	4,088	13,513	3
	2001	78	318	2,715	3,781	13,636	28
	2002	82	311	2,679	3,885	15,294	47
	2003	110	412	2,728	4,431	18,220	36
	2004	89	466	2,611	4,412	20,023	5
R21	2000	15	586	193	23	78	0
	2001	21	795	180	56	90	0
	2002	36	1,388	203	89	114	2
	2003	60	3,230	347	106	82	0
	2004	68	5,364	245	48	96	0
Small Business	2000	3,733	647	195	12	1	0
	2001	3,162	706	170	13	1	0
	2002	3,517	856	252	18	7	1
	2003	4,539	1,331	399	49	9	1
	2004	4,825	1,485	384	32	9	3

⁴⁸ Years requested over 5 ranged from 6 to 8. In general, applicants may request up to five years of support, but some clinical trials may request more years. Requested years over 5 may also be due to data entry errors.

Figure 41: Requested Years of Support for R01 Applications Reviewed by CSR, FY 2000-2004



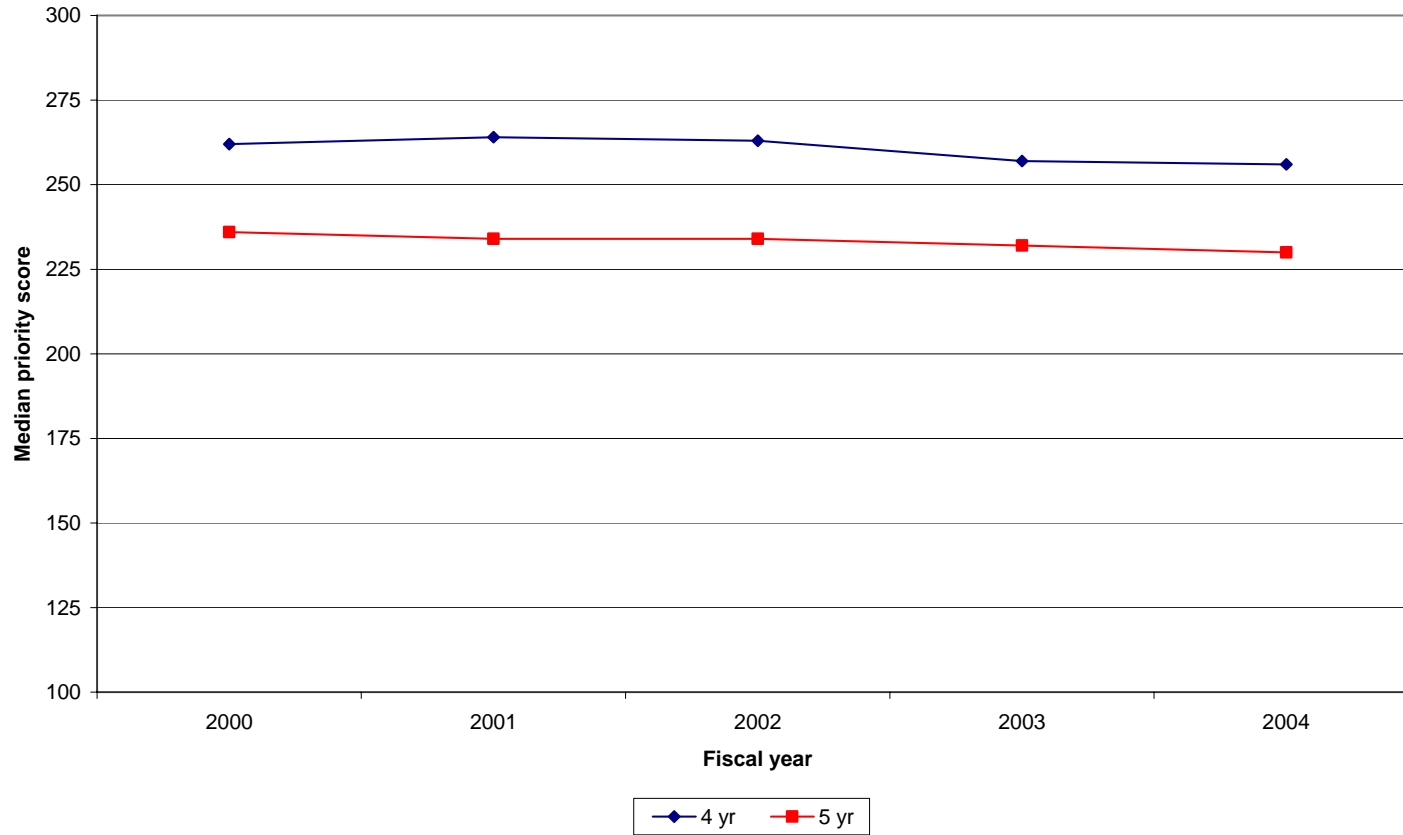
Median Priority Scores by Years of Support Requested:

Table 42. Median Priority Scores Years of Support Requested, FY 2000-2004

Mechanism	Years Requested	Median Priority Scores ⁴⁹				
		2000	2001	2002	2003	2004
Research Projects	1 year	366.0	382.0	355.5	403.0	*
	2 years	281.0	273.0	281.0	292.0	295.0
	3 years	306.0	305.0	300.0	328.0	320.0
	4 years	261.0	264.0	263.0	257.0	256.0
	5 years	235.0	233.0	233.0	231.0	230.0
R01	1 year	*	*	*	340.0	*
	2 years	*	379.0	*	*	*
	3 years	391.5	413.0	*	*	*
	4 years	262.0	264.0	263.0	257.0	256.0
	5 years	236.0	234.0	234.0	232.0	230.0
R21	1 year	*	*	*	*	*
	2 years	281.0	296.0	280.0	287.5	287.0
	3 years	394.0	253.5	269.0	279.0	301.0
	4 years	202.0	234.0	278.0	270.5	265.0
	5 years	206.0	198.0	206.0	190.5	205.5
Small Business	1 year	371.0	384.0	361.0	*	*
	2 years	262.0	256.0	278.0	290.0	284.0
	3 years	276.0	309.5	297.5	309.0	287.0
	4 years	277.0	258.0	*	256.0	381.5
	5 years	--	--	*	*	394.0

⁴⁹ Cases in which more than half the applications were streamlined are indicated by “*”.

Figure 42: Median Priority Scores for R01 Applications Reviewed by CSR by Requested Years of Support, FY 2000-2004⁵⁰



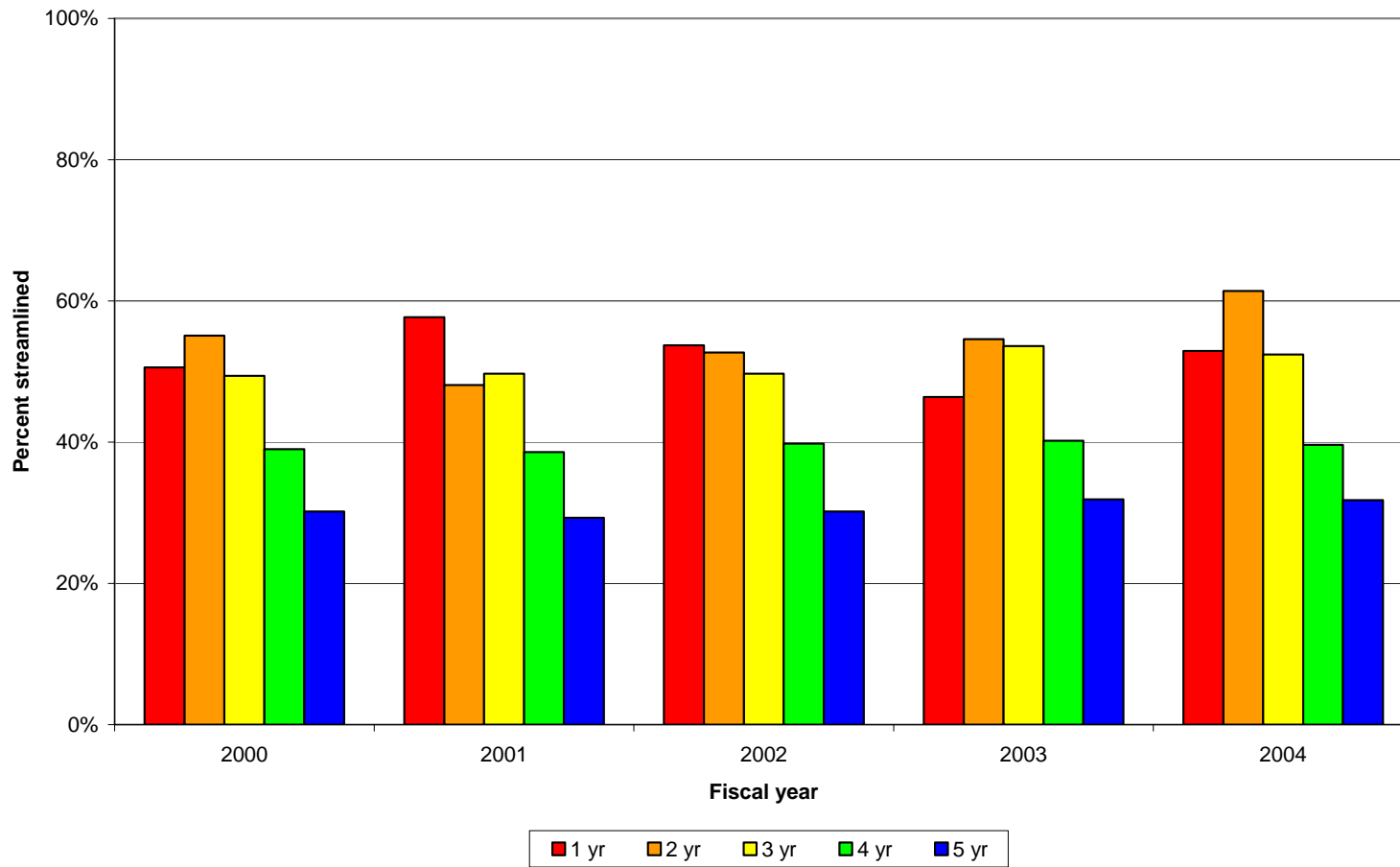
⁵⁰ Only applications that requested 4 or 5 years of support are displayed due to instances in which more than half the applications that requested fewer years were streamlined.

Streamlined Applications by Years of Support Requested:

Table 43. Percent of Applications That Were Streamlined by Years of Support Requested, FY 2000-2004

Mechanism	Years Requested	Fiscal Year				
		2000	2001	2002	2003	2004
Research Projects	1 year	45.1	47.0	46.2	49.1	51.2
	2 years	34.6	35.0	37.1	41.8	43.8
	3 years	44.9	43.2	43.2	46.4	47.4
	4 years	38.7	38.0	39.4	40.0	39.4
	5 years	29.8	28.9	29.9	31.7	31.6
R01	1 year	50.6	57.7	53.7	46.4	52.9
	2 years	55.1	48.1	52.7	54.6	61.4
	3 years	49.4	49.7	49.7	53.6	52.4
	4 years	39.0	38.6	39.7	40.2	39.6
	5 years	30.2	29.3	30.2	31.9	31.8
R21	1 year	66.7	52.4	58.3	53.3	67.6
	2 years	35.7	42.4	39.3	41.9	43.5
	3 years	49.7	37.8	40.4	40.9	43.7
	4 years	8.7	10.7	33.7	37.7	35.4
	5 years	6.4	0	9.6	7.3	20.8
Small Business	1 year	45.5	47.3	46.5	49.7	51.1
	2 years	24.3	20.8	29.6	36.8	36.6
	3 years	35.9	37.1	38.1	39.6	41.2
	4 years	25.0	15.4	55.6	26.5	46.9
	5 years	0	100	85.7	55.6	44.4

Figure 43: Streamlined R01 Applications Reviewed by CSR by Years of Support Requested, 2000-2004

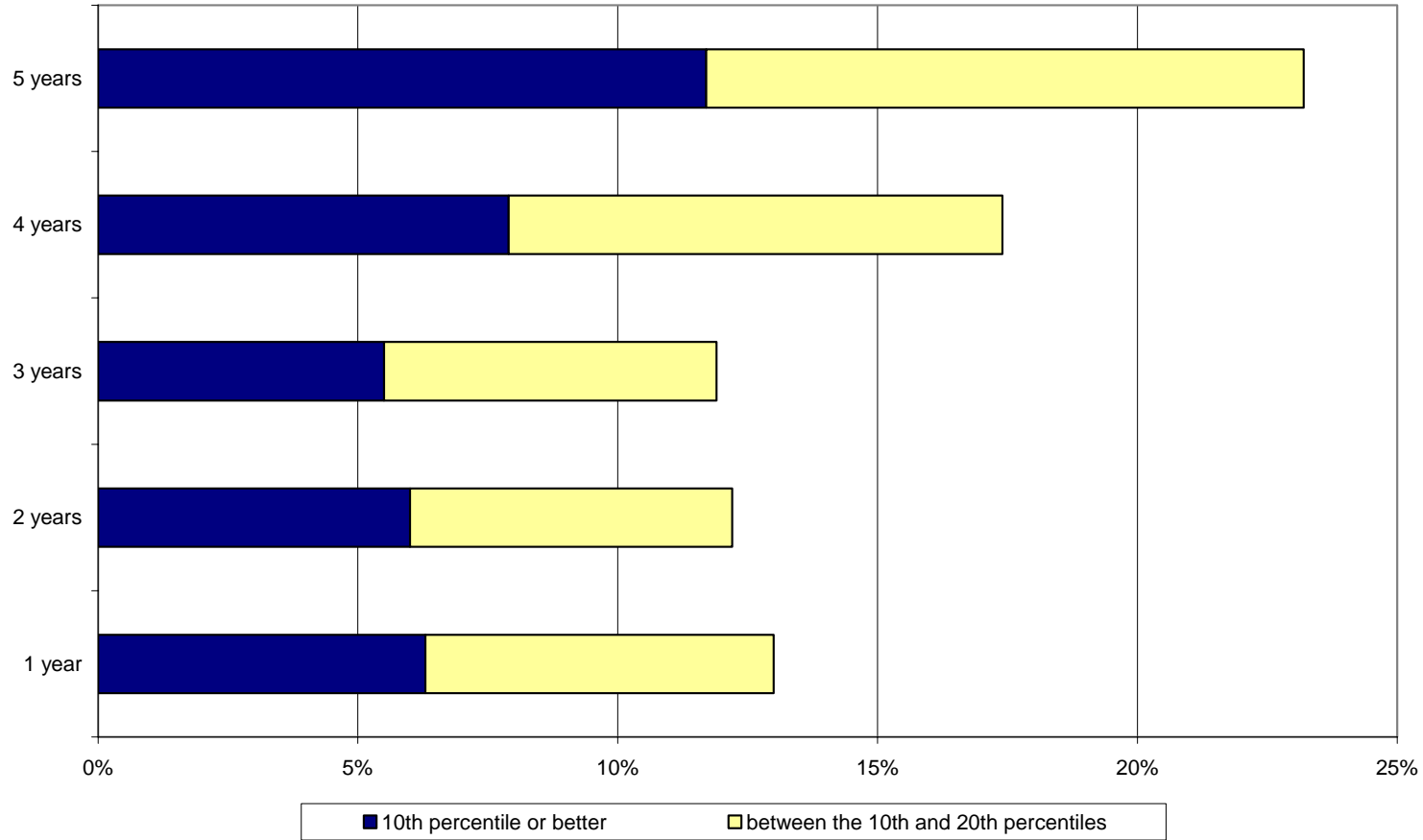


Percentiles of R01 Applications by Years of Support Requested:

Table 44. R01 Applications Reviewed by CSR Scoring at the 20th Percentile or Better by Years of Support Requested, FY 2000-2004

Fiscal year	Years requested	# reviewed	Percent scoring at the 10th percentile or better	Percent scoring at the 20th percentile or better
2000	1 year	85	10.6	17.6
	2 years	405	6.2	12.3
	3 years	3,262	5.8	12.4
	4 years	4,088	8.4	18.1
	5 years	13,513	12.2	24.3
2001	1 year	78	3.8	6.4
	2 years	318	6.0	13.5
	3 years	2,715	5.2	12.0
	4 years	3,781	7.8	17.1
	5 years	13,636	11.9	23.6
2002	1 year	82	6.1	11.0
	2 years	311	6.8	12.9
	3 years	2,679	4.8	11.3
	4 years	3,885	7.5	17.3
	5 years	15,294	11.9	23.4
2003	1 year	110	8.2	20.0
	2 years	412	6.1	12.6
	3 years	2,728	5.5	11.5
	4 years	4,431	8.0	17.4
	5 years	18,220	11.5	22.8
2004	1 year	89	2.2	9.0
	2 years	466	4.7	9.9
	3 years	2,611	6.5	13.0
	4 years	4,412	8.0	17.7
	5 years	20,023	11.7	23.1

Figure 44: R01 Applications Scoring at the 20th Percentile or Better by Years of Support Requested, FY 2000-2004

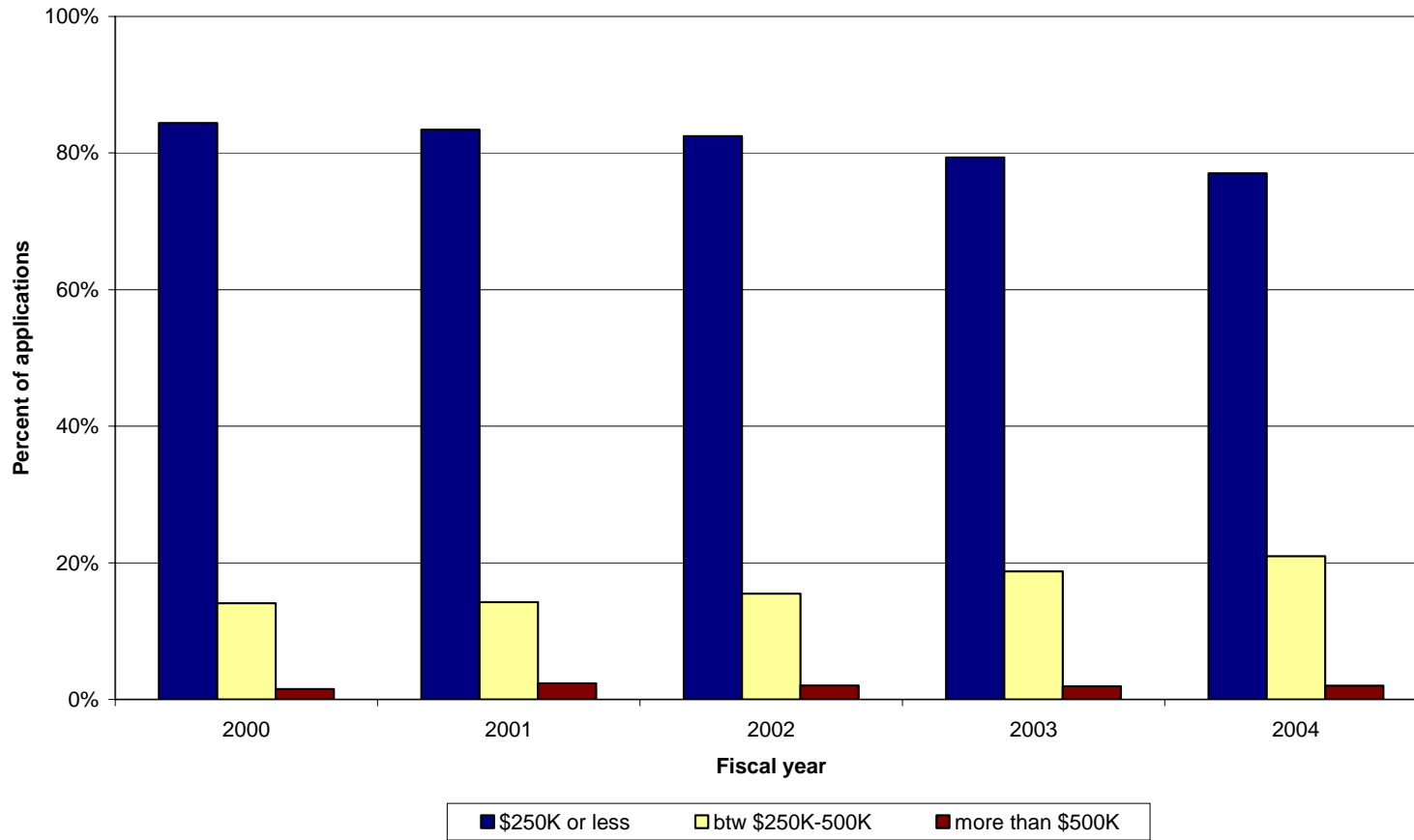


Requested First Year Direct Costs:

Table 45. Number of Applications Reviewed by CSR Requesting \$250,000 or Less, Between \$250,000 and \$500,000, and Over \$500,000, FY 2000-2004

Mechanism	Cost Group	2000	2001	2002	2003	2004
Research Projects	≤250K	24,312	22,959	25,592	31,485	34,771
	250-500K	3,646	3,543	4,138	5,857	6,854
	>500K	431	588	575	653	809
R01	≤250K	18,022	17,149	18,388	20,577	21,268
	250-500K	3,010	2,927	3,453	4,856	5,787
	>500K	324	480	457	504	557
R21	≤250K	878	1,124	1,810	3,802	5,757
	250-500K	16	16	21	22	39
	>500K	1	2	1	1	25
Small business	≤250K	3,957	3,398	3,932	5,294	5,579
	250-500K	556	550	612	893	965
	>500K	75	104	107	141	194

Figure 45: Requested First Year Direct Costs for R01 Applications Reviewed by CSR, FY 2000-2004

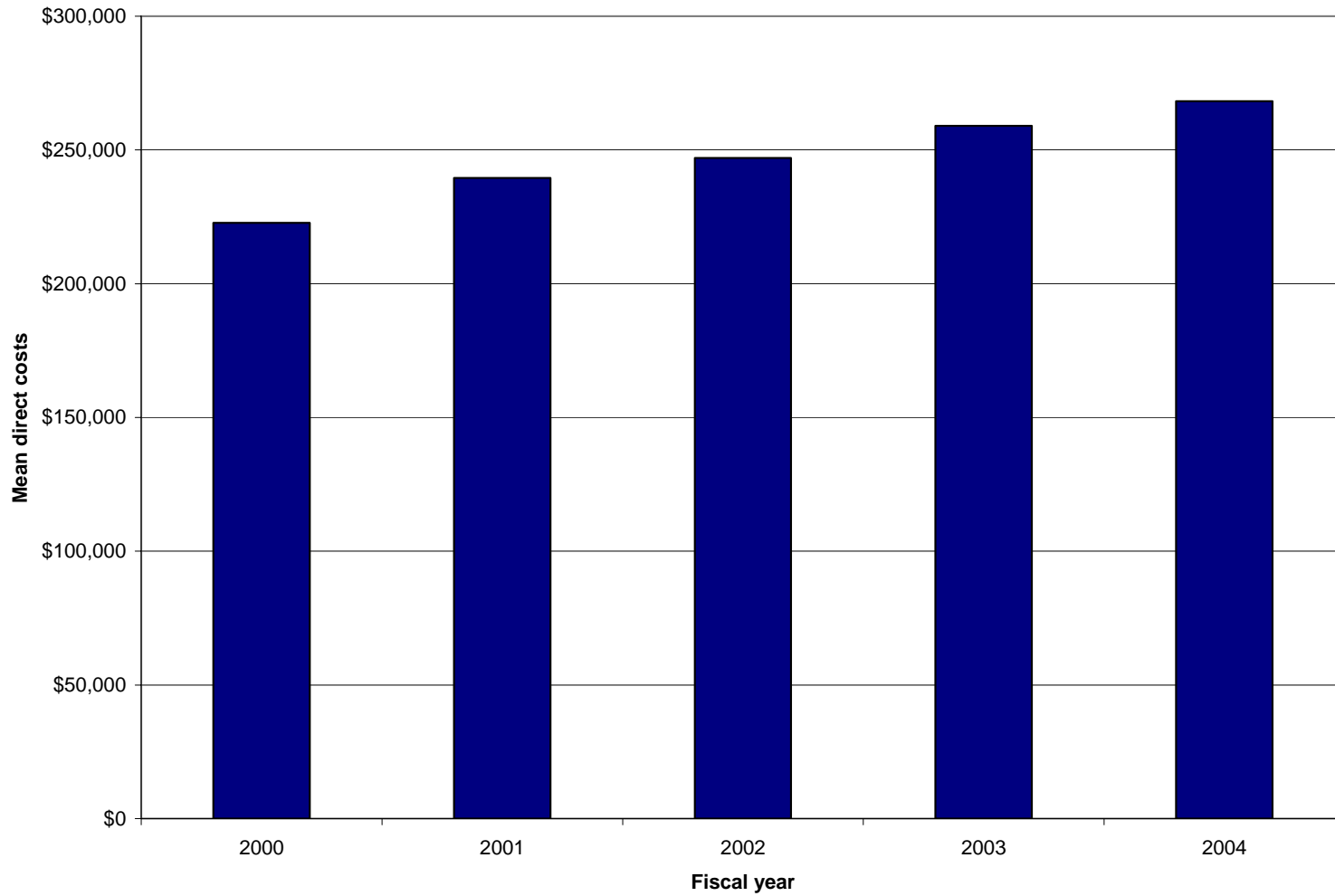


Average Requested First Year Direct Costs:

Table 46. Mean Requested First Year Direct Costs of Applications Reviewed by CSR, FY 2000-2004

Mechanism	2000	2001	2002	2003	2004
Research Projects	\$198,386	\$213,170	\$216,110	\$219,128	\$224,271
R01	\$222,781	\$239,549	\$246,982	\$259,016	\$268,260
R21	\$132,024	\$135,476	\$128,479	\$132,397	\$139,407
Small business	\$133,061	\$146,359	\$147,497	\$151,512	\$165,356

Figure 46: Mean Requested First Year Direct Costs for R01 Applications Reviewed by CSR, FY 2000-2004

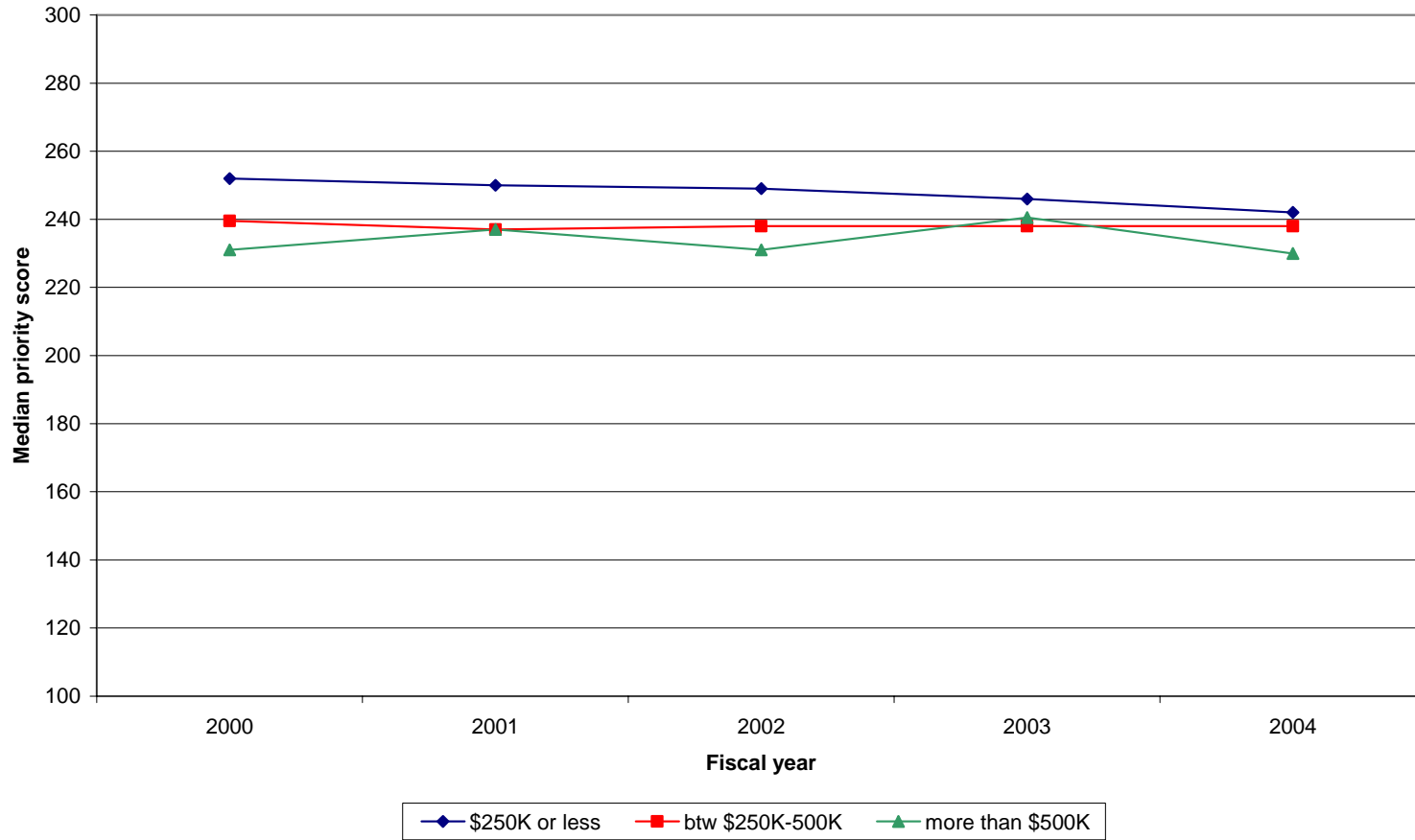


Median Priority Scores and Requested Direct costs:

Table 47. Median Priority Scores for Applications Reviewed by CSR by Requested First Year Direct Costs, FY 2000-2004

Mechanism	Cost group	2000	2001	2002	2003	2004
Research Projects	≤250K	264.0	259.0	260.0	263.0	262.0
	250-500K	242.0	239.0	242.0	244.0	244.0
	>500K	235.0	242.0	238.0	245.0	236.0
R01	≤250K	252.0	250.0	249.0	246.0	242.0
	250-500K	239.5	237.0	238.0	238.0	238.0
	>500K	231.0	237.0	231.0	240.5	230.5
R21	≤250K	268.0	271.0	273.5	282.5	287.5
	250-500K	236.5	208.0	212.0	214.0	233.0
	>500K	--	280.0	--	--	295.0
Small business	≤250K	358.0	359.0	350.5	375.5	490.0
	250-500K	268.5	256.0	275.5	288.0	280.0
	>500K	268.0	280.5	282.0	267.0	252.5

Figure 47: Median Priority Scores by Cost Group for R01 Applications Reviewed by CSR, FY 2000-2004



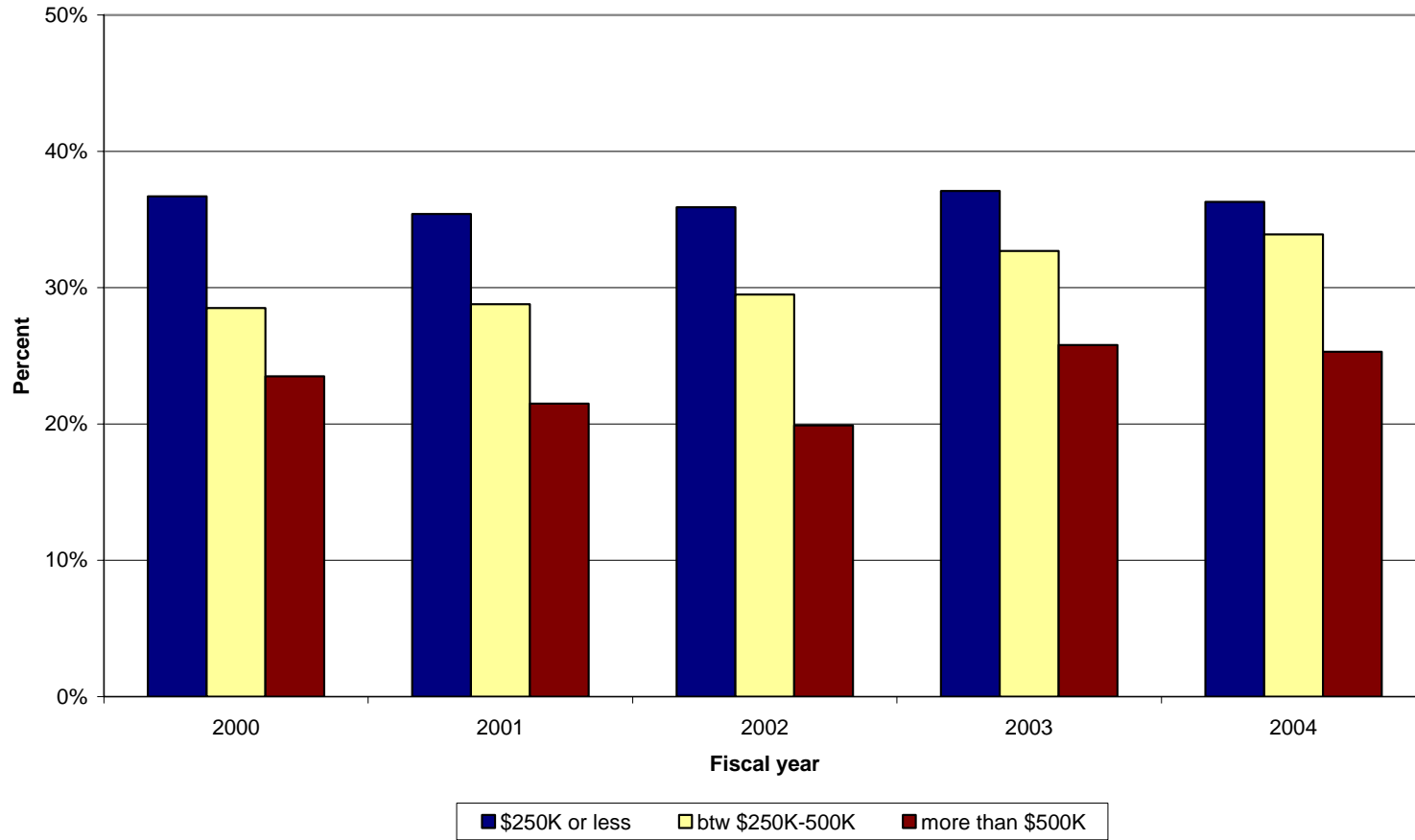
Streamlined Applications by Requested First Year Costs:

Table 48. Streamlined Applications Reviewed by CSR by Requested First Year Direct Costs, FY 2000-2004

Mechanism	Cost group	2000	2001	2002	2003	2004
Research Projects	<250K	37.3	36.4	37.0	39.3	40.0
	250-500K	27.8	27.5	29.1	32.8	33.9
	>500K	23.2	22.1	21.4	28.0	27.1
R01	<250K	36.7	35.4	35.9	37.1	36.3
	250-500K	28.5	28.8	29.5	32.7	33.9
	>500K	23.5	21.5	19.9	25.8	25.3
R21	<250K	36.1	37.5	38.1	41.3	43.4
	250-500K	25.0	0	9.5	13.6	30.8
	>500K	100	0	0	0	44.0
Small business	<250K	44.5	45.7	45.4	48.3	50.0
	250-500K	26.8	23.6	30.1	35.1	35.4
	>500K	28.0	26.0	29.0	36.9	28.4

Figure 48: Percent Streamlined R01 Applications by Requested First Year Direct Costs, FY 2000-2004

Figure 59. Percent Streamlined R01 Applications by Requested First Year Direct Costs, FY 2000-2004

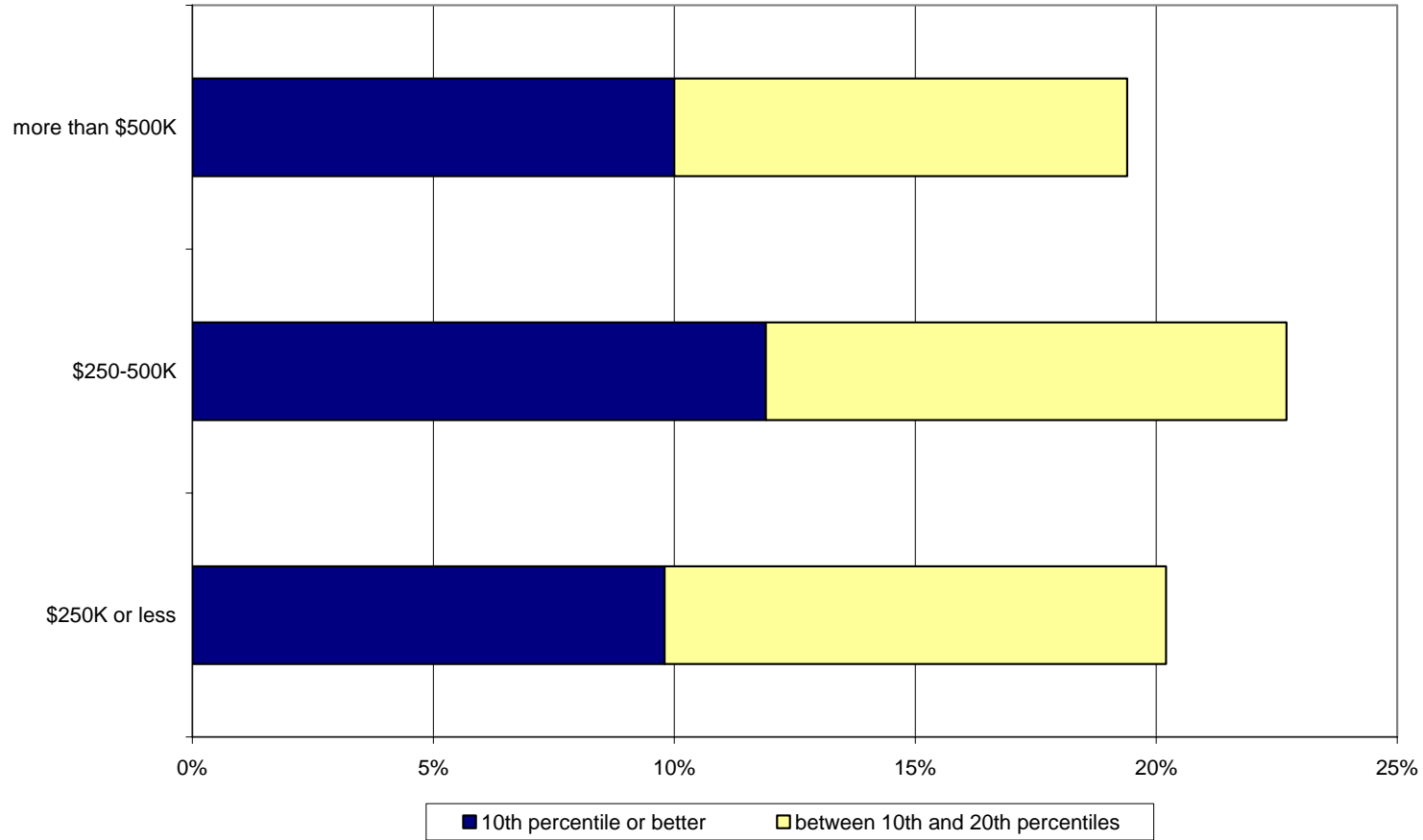


Percentiles of R01 by Requested Direct Costs:

Table 49. Percent of R01 Applications Reviewed by CSR Scoring at the 20th Percentile or Better by Cost Group, FY 2000-2004

Fiscal year	Cost group	# reviewed	Percent scoring at the 10th percentile or better	Percent scoring at the 20th percentile or better
2000	\$250K or less	18,022	10.1	20.7
	\$250-500K	3,010	12.0	23.7
	more than \$500K	324	9.0	19.8
2001	\$250K or less	17,149	9.8	20.3
	\$250-500K	2,927	11.9	22.7
	more than \$500K	480	11.3	19.6
2002	\$250K or less	18,388	9.7	20.1
	\$250-500K	3,453	12.8	23.3
	more than \$500K	457	10.3	21.0
2003	\$250K or less	20,577	9.8	20.3
	\$250-500K	4,856	12.0	22.2
	more than \$500K	504	9.1	15.1
2004	\$250K or less	21,268	10.2	20.6
	\$250-500K	5,787	11.6	22.6
	more than \$500K	557	10.2	21.4

Figure 49: R01 Applications Scoring at the 20th Percentile or Better by Requested First Year Direct Costs, FY 2000-2004



New Investigators⁵¹:

Table 50. Number and Percent of Type 1⁵² Applications Submitted by New Investigators, Reviewed by CSR, FY 2000-2004

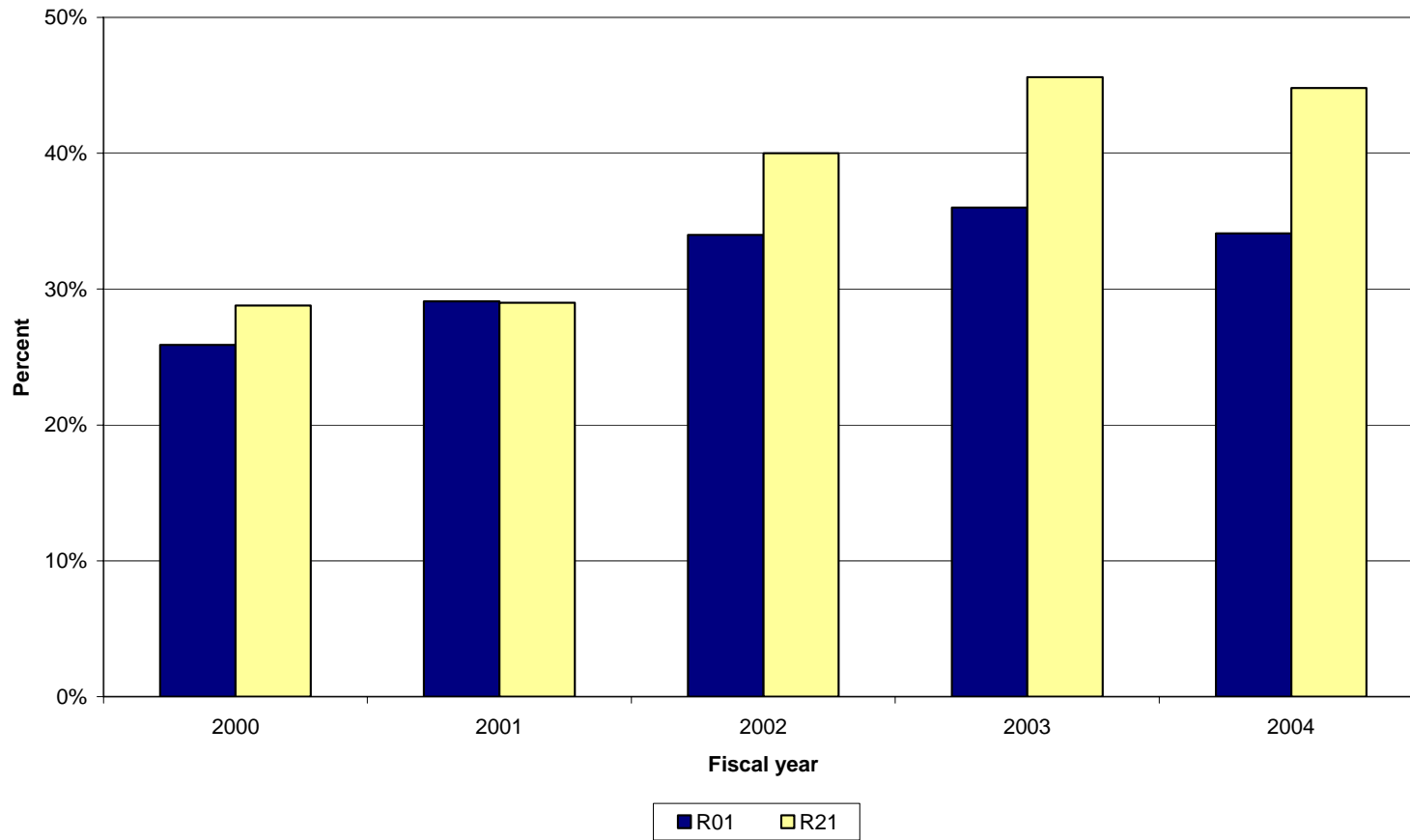
Mechanism	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	6,054	27.6	6,044	29.2	8,337	35.4	11,534	37.7	12,679	36.9
R01	4,082	25.9	4,402	29.1	5,620	34.0	7,063	36.0	7,055	34.1
R21	248	28.8	318	29.0	719	40.0	1,721	45.6	2,579	44.8
Small business	1,229	31.7	908	27.5	1,438	37.2	1,935	35.3	1,955	33.8
Fellowship Programs⁵³	--	--	--	--	--	--	--	--	--	--
Research Career Programs	109	53.7	98	47.3	112	44.4	168	70.3	180	70.3
Other	36	8.8	48	8.8	70	12.3	75	13.6	90	11.9

⁵¹ A new investigator is defined in the PHS 398 instructions as a principal investigator who “has not previously served as such on any PHS-supported research project other than a small grant (R03), an Academic Research Enhancement Award (R15), an exploratory/developmental grant (R21), or research career awards directed principally to physicians, dentists, or veterinarians at the beginning of their research career (K01, K08, K22, and K23).” Our data are based on the self identification of new or experienced investigators using the “new investigator” checkbox on the PHS 398 face page and on identification by NIH staff.

⁵² Investigators submitting Type 2 applications are not considered “new”, since they have received previous NIH funding; thus all consideration of new investigator applications includes only Type 1 applications.

⁵³ The form for fellowship applications does not contain a “new investigator” checkbox.

Figure 50: Percent of Type 1 R01 and R21 Applications Submitted by New Investigators, FY 2000-2004



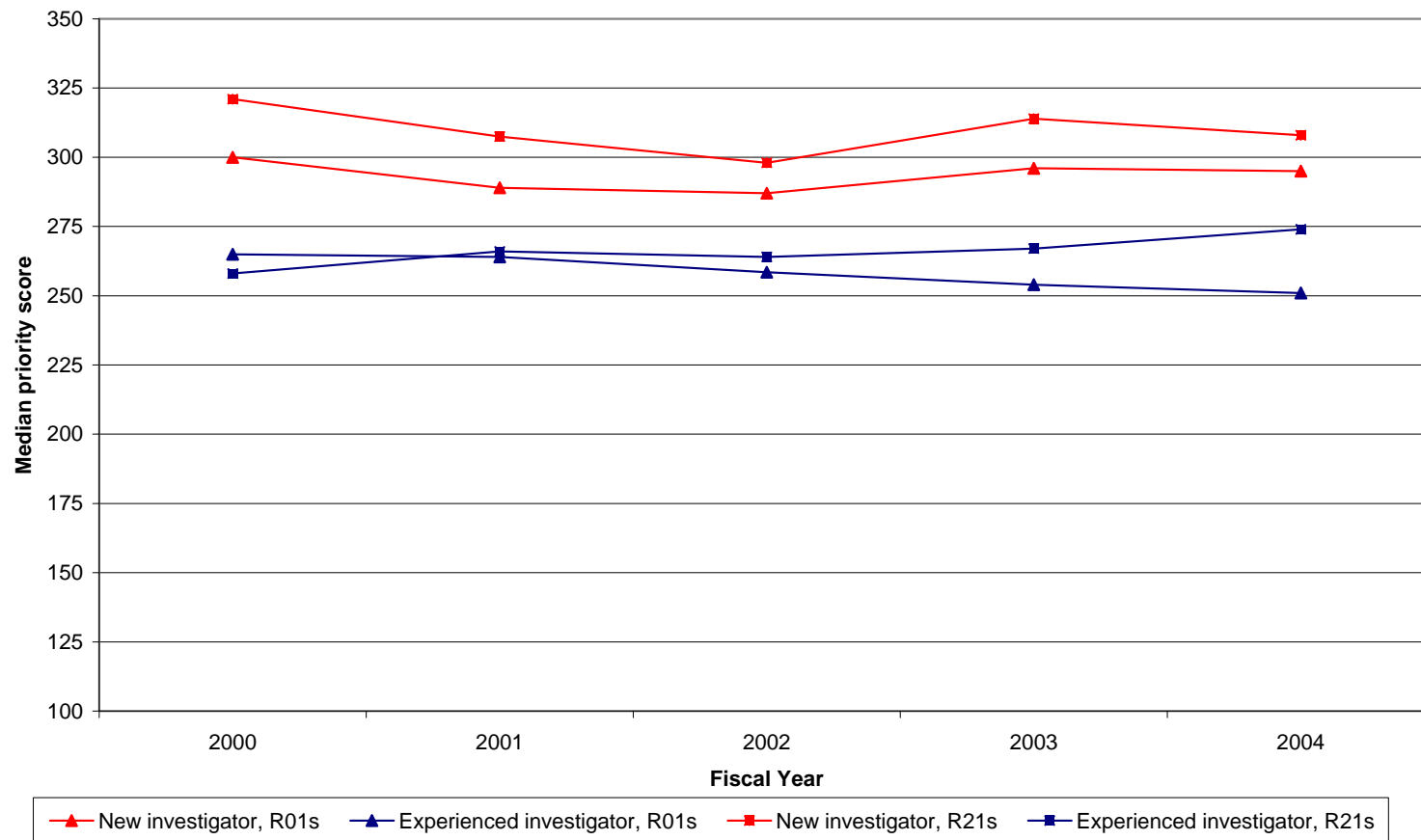
New Investigator Median Priority Scores:

Table 51. Median Priority Scores for Type 1 Applications from New and Experienced Investigators Reviewed by CSR, FY 2000-2004⁵⁴

Mechanism	2000		2001		2002		2003		2004	
	Exp	New	Exp	New	Exp	New	Exp	New	Exp	New
Research Projects	275.0	325.5	274.0	303.0	268.0	305.0	268.0	336.0	267.0	330.0
R01	265.0	300.0	264.0	289.0	258.5	287.0	254.0	296.0	251.0	295.0
R21	258.0	321.0	266.0	307.5	264.0	298.0	267.0	314.0	274.0	308.0
Small business	341.0	*	357.5	*	327.0	*	334.5	*	368.0	*
Fellowship Programs	--	--	--	--	--	--	--	--	--	--
Research Career Programs	199.0	221.0	195.0	226.5	223.0	203.5	207.0	209.0	199.0	191.0
Other	237.5	260.5	248.0	306.0	246.0	281.5	238.0	335.0	231.5	257.0

⁵⁴ Cases where more than half the applications were streamlined are indicated by “*”.

Figure 51: Median Priority Scores for Type 1 R01 and R21 Applications Submitted by New and Experienced Investigators, FY 2000-2004

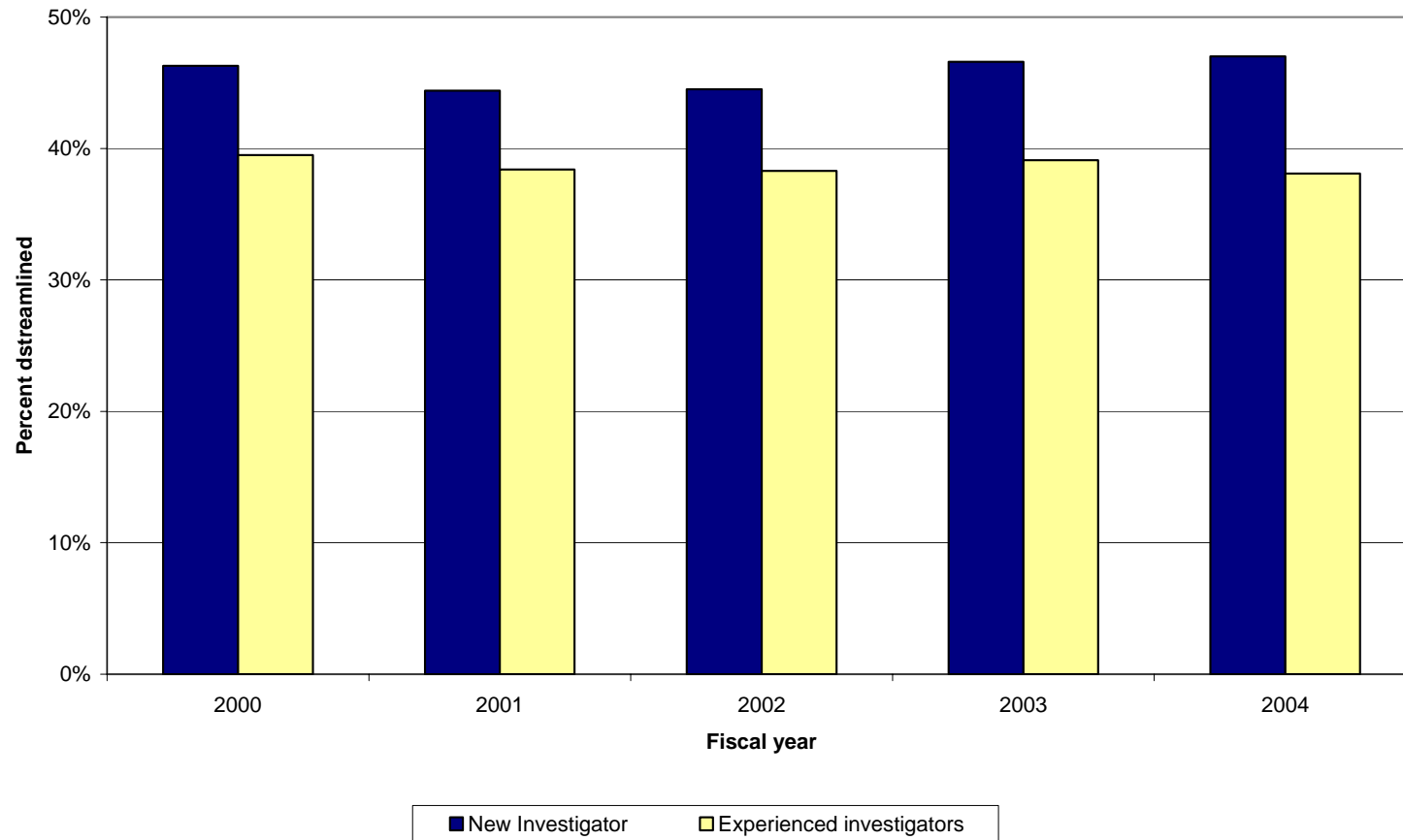


Streamlined New Investigator Applications:

Table 52. Percent of Type 1 Applications Submitted by New and Experienced Investigators That Were Streamlined, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	Exp	New	Exp	New	Exp	New	Exp	New	Exp	New
Research Projects	39.0	45.9	38.8	44.2	38.0	45.0	39.9	47.5	40.6	47.8
R01	39.5	46.3	38.4	44.4	38.3	44.5	39.1	46.6	38.1	47.0
R21	34.6	43.5	36.7	42.8	35.6	42.7	38.4	45.5	41.5	45.9
Small business	42.9	50.4	45.7	50.6	43.1	52.5	46.0	55.6	48.9	54.6

Figure 52: Percent of Type 1 R01 Applications Submitted by New and Experienced Investigators That Were Streamlined, FY 2000-2004

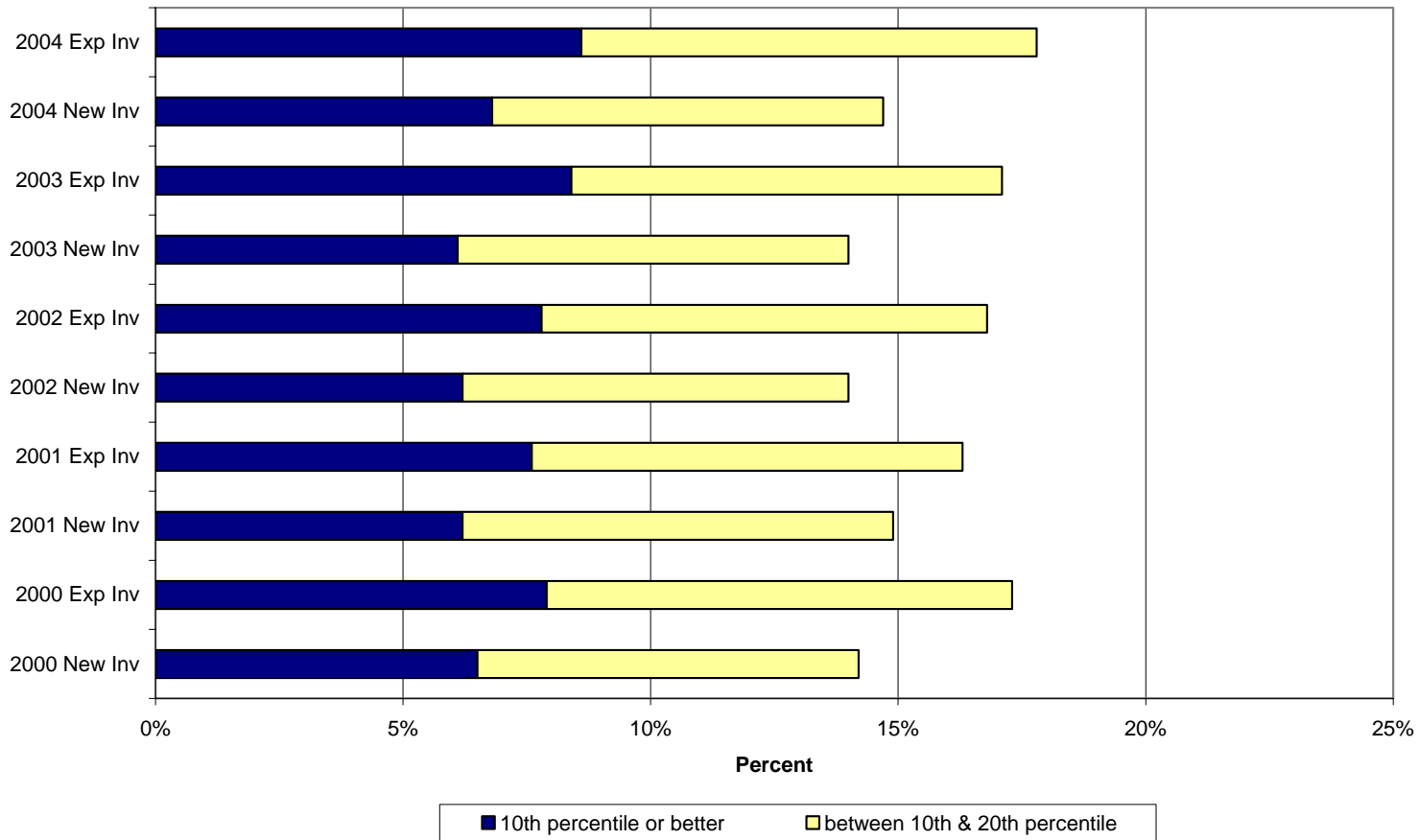


Percentiles in R01 Applications Submitted by New and Experienced Investigators:

Table 53. Percent of Type 1 R01 Applications Submitted by New and Experienced Investigators That Scored at the 20th Percentile or Better, FY 2000-2004

Fiscal year	Investigator	Number of applications	Percent scoring at the 10th percentile or better	Percent scoring at the 20th percentile or better
2000	New	4,082	6.5	14.2
	Exp	11,688	7.9	17.3
2001	New	4,402	6.2	14.9
	Exp	10,724	7.6	16.3
2002	New	5,620	6.2	14.0
	Exp	10,894	7.8	16.8
2003	New	7,063	6.1	14.0
	Exp	12,564	8.4	17.1
2004	New	7,055	6.8	14.6
	Exp	13,649	8.6	17.7

Figure 53: Type 1 R01 Applications Submitted by New and Experienced Investigators That Scored at the 20th Percentile or Better, FY 2000-2004



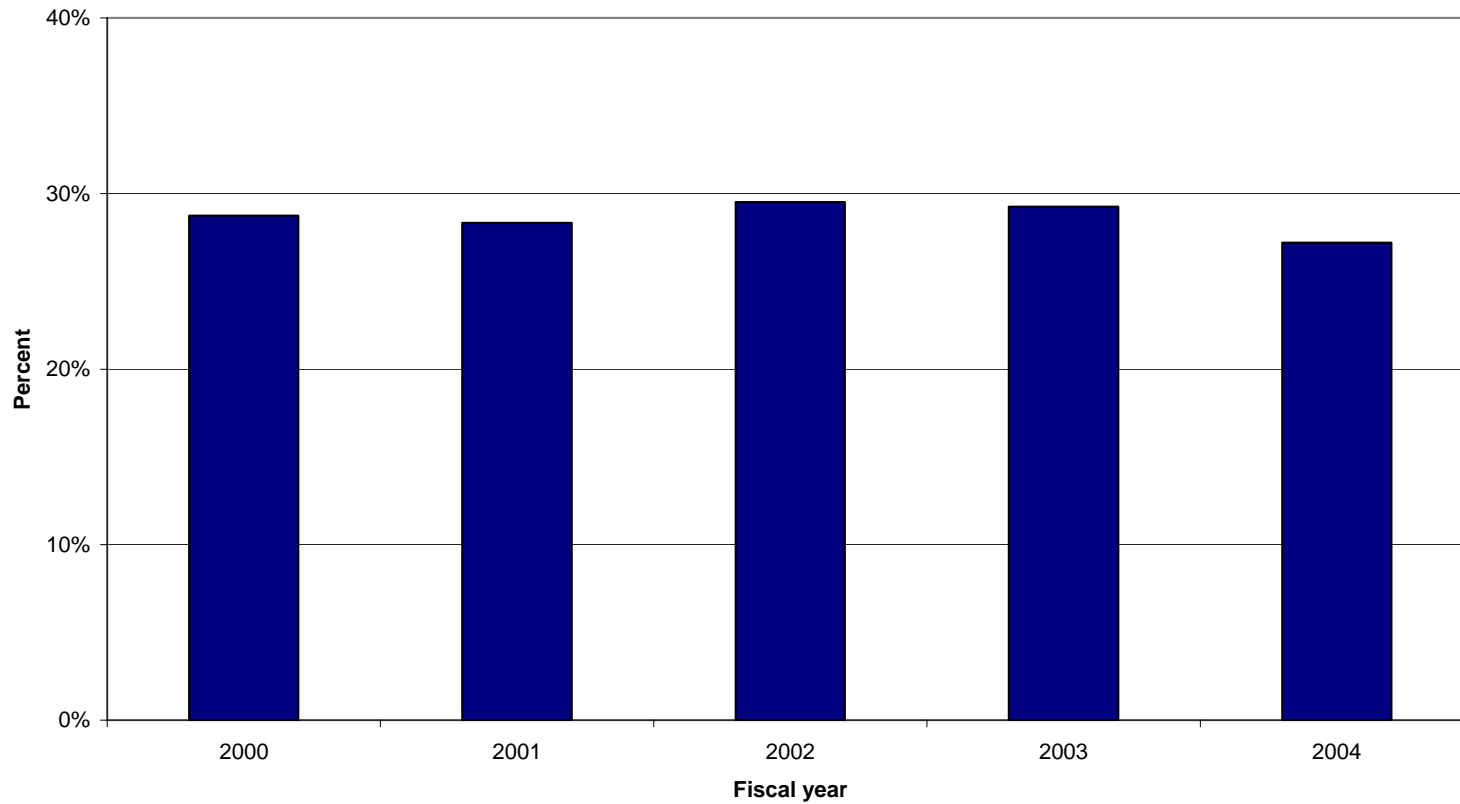
Academic Degrees of Principal Investigators⁵⁵:

Table 54. Number and Percent of Applications Reviewed by CSR That Were Submitted by MDs (including MD/PhDs), FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	#	%	#	%	#	%	#	%	#	%
Research Projects	7,159	25.2	6,899	25.5	7993	26.4	9,743	25.6	10,271	24.2
R01	6,135	28.7	5,823	28.3	6,581	29.5	7,588	29.3	7,513	27.2
R21	278	31.1	420	36.8	615	33.6	1,108	29.0	1,514	26.0
Small business	516	11.2	488	12.0	581	12.5	761	12.0	910	13.5
Fellowship Programs	199	8.4	189	8.9	232	10.1	267	9.6	259	7.5
Research Career Programs	105	49.8	98	45.2	124	48.6	107	42.1	118	44.5
Other	95	21.7	144	25.2	152	24.8	229	36.1	232	27.3

⁵⁵ Classification of PI degrees included MD equivalent degrees (MD, MBBS, MB, DO, and MDOT [Medical Doctor Other]) and PhD equivalent degrees (PhD, DSc, ScD, DPH, and DRPH); other degrees were categorized as "Other"

Figure 54: Percent of R01 Applications Reviewed by CSR That Were Submitted by MDs (including MD/PhDs), FY 2000-2004



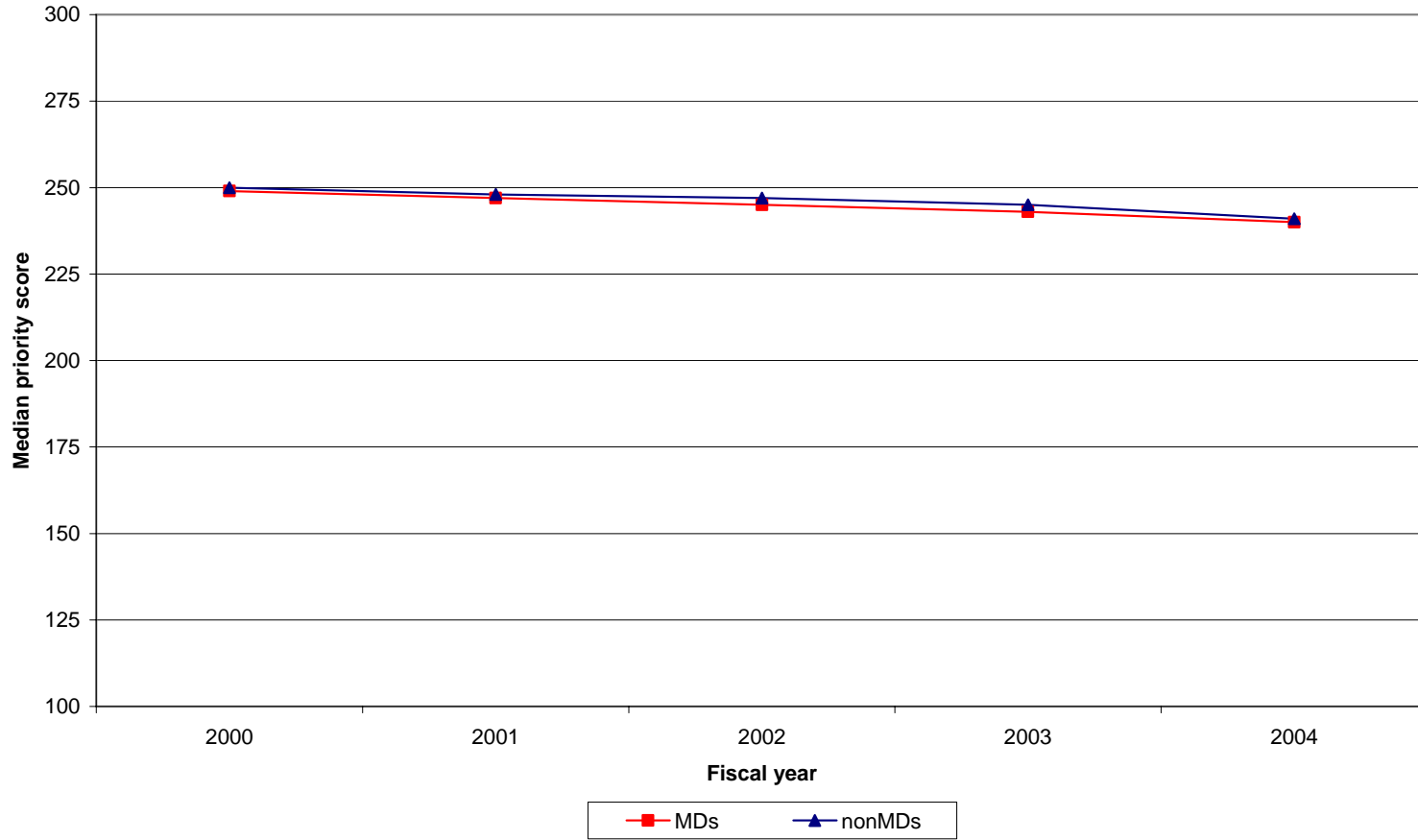
Median priority scores of MD and Non-MD Applications Reviewed by CSR:

Table 55. Median Priority Scores of Applications Submitted by MDs and Non-MDs, FY 2000-2004⁵⁶

Mechanism	2000		2001		2002		2003		2004	
	MD	nonMD	MD	nonMD	MD	nonMD	MD	nonMD	MD	nonMD
Research Projects	253.0	262.0	251.0	257.0	250.0	258.0	250.0	262.0	251.0	260.0
R01	249.0	250.0	248.0	247.0	245.0	247.0	243.0	245.0	240.0	241.0
R21	264.5	265.0	266.5	270.0	265.0	276.0	268.0	285.0	276.0	291.0
Small business	395.5	328.0	369.0	320.0	420.0	319.0	410.0	336.0	*	331.0
Fellowship Programs	199.0	200.0	216.0	197.0	239.0	223.0	231.0	215.0	221.0	218.0
Research Career Programs	186.0	240.5	203.5	203.0	207.0	222.0	189.0	220.0	188.0	199.0
Other	272.0	223.0	252.5	243.5	264.5	235.5	244.0	230.5	220.0	231.0

⁵⁶ Cases where more than half the applications were streamlined are indicated by “*”.

Figure 55: Median Priority Scores for MD and Non-MD R01 Applications Reviewed by CSR, FY 2000-2004

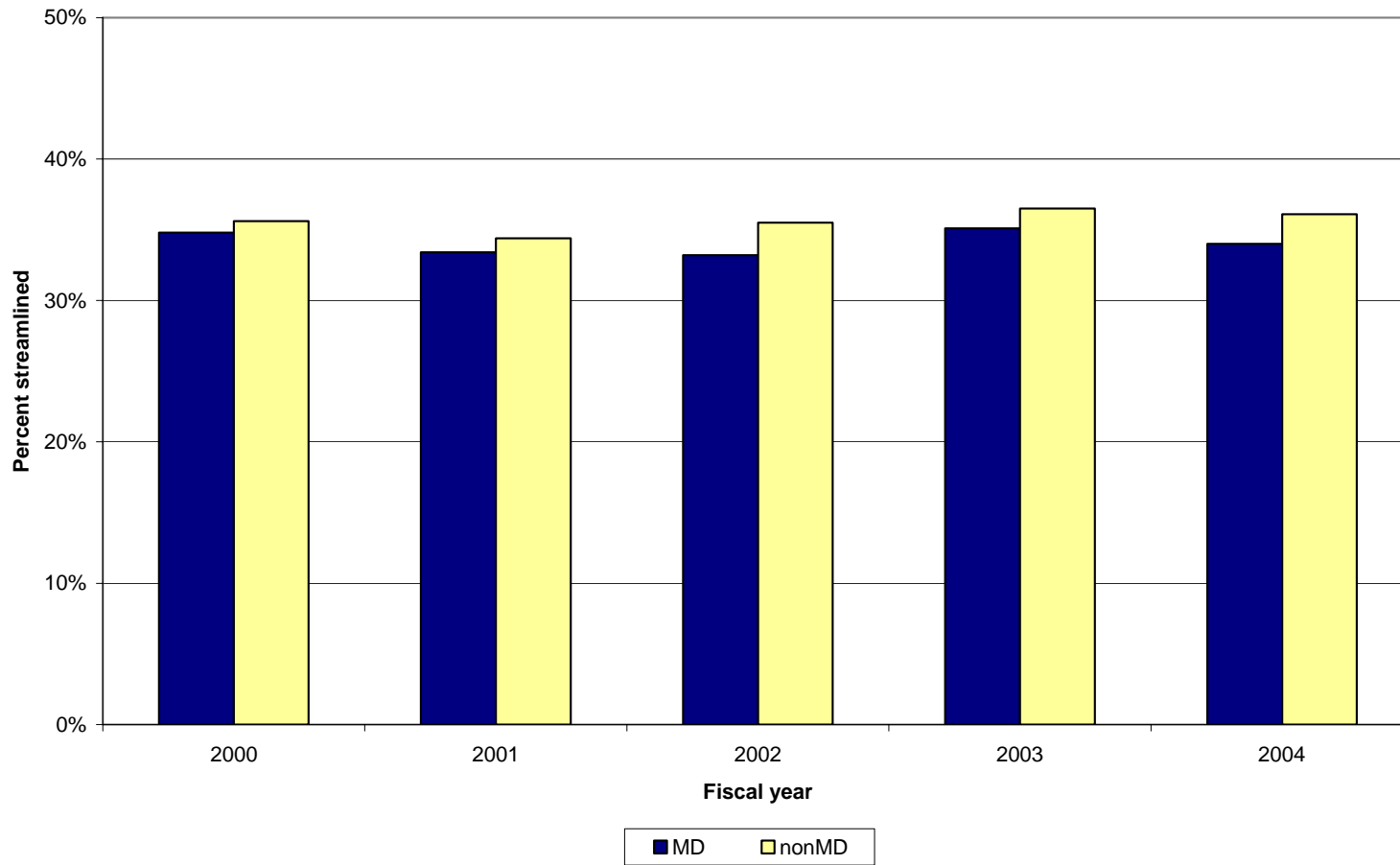


Streamlined Applications by MDs and Non-MDs:

Table 56. Percent of Applications Submitted by MDs and Non-MDs Reviewed by CSR That Were Streamlined, FY 2000-2004

Mechanism	2000		2001		2002		2003		2004	
	MD	nonMD	MD	nonMD	MD	nonMD	MD	nonMD	MD	nonMD
Research Projects	34.9	36.2	33.9	35.3	34.2	36.1	36.5	38.7	37.2	39.3
R01	34.8	35.6	33.4	34.4	33.2	35.2	35.1	36.5	34.0	36.1
R21	34.2	36.8	36.7	37.1	36.3	38.5	39.9	41.6	42.3	43.7
Small business	46.5	41.5	45.1	41.8	47.8	42.4	48.1	45.9	51.6	46.6

Figure 56: Percent of R01 Applications Submitted by MDs and Non-MDs That Were Streamlined, FY 2000-2004

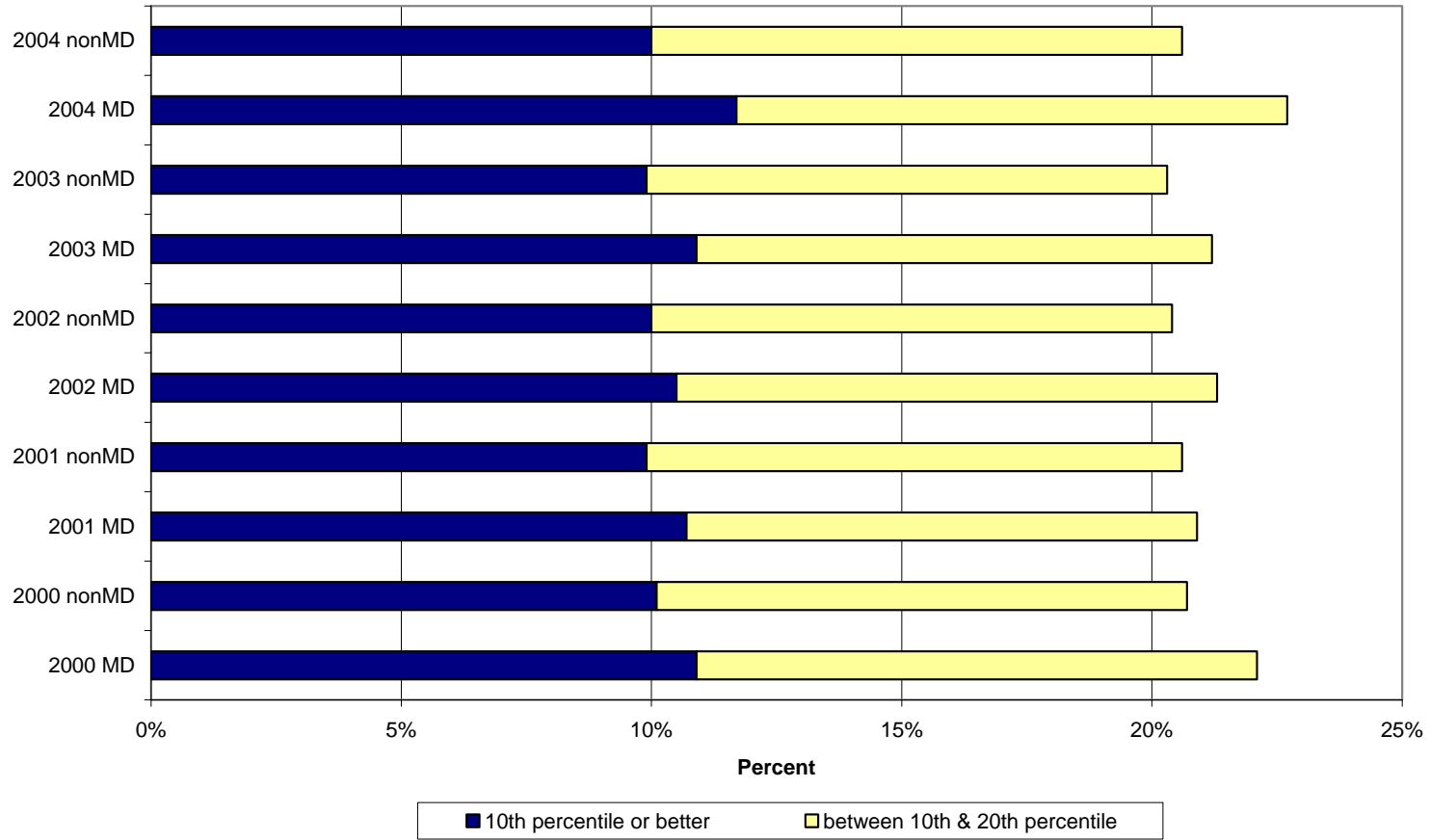


Percentiles for Applications Submitted by MDs and Non-MDs:

Table 57. R01 Applications by MDs and Non-MDs Reviewed by CSR and Scoring at the 20th Percentile or Better

Fiscal year	Type	Number of applications	Percent scoring at the 10th percentile or better	Percent scoring at the 20th percentile or better
2000	MD	6,135	10.9	22.1
	nonMD	15,221	10.1	20.7
2001	MD	5,823	10.7	20.9
	nonMD	14,733	9.9	20.6
2002	MD	6,581	10.5	21.3
	nonMD	15,717	10.0	20.4
2003	MD	7,588	10.9	21.2
	nonMD	18,349	9.9	20.3
2004	MD	7,513	11.7	22.6
	nonMD	20,099	10.0	20.5

Figure 57: R01 Applications Submitted by MDs and Non-MDs that Scored at the 20th Percentile or Better



APPENDIX A. List of Activity Code Titles of Applications Reviewed at CSR, by Mechanism, During FYs 2000-2004⁵⁷

Mechanism	Activity Code	Activity Code Titles
Research Projects	R01	Research Project
	R03	Small Research Grants
	R10	Cooperative Clinical Research (Grants)
	R13	Conferences
	R15	Academic Research Enhancement Awards (AREA)
	R18	Research Demonstration and Dissemination Projects
	R21	Exploratory/Developmental Grants
	R23	New Investigator Research Awards ⁵⁸
	R24	Resource-Related Research Projects
	R25	Education Projects
	R29	First Independent Research Support and Transition (FIRST) Award ⁵⁹
	R33	Exploratory/Developmental Grants Phase II
	R34	Clinical Trial Planning Grant
	R37	Method to Extend Research in Time (MERIT) Award
	R41	Small Business Technology Transfer (STTR) Grants, Phase I
	R42	Small Business Technology Transfer (STTR) Grants, Phase II
	R43	Small Business Innovation Research Grants (SBIR), Phase I
	R44	Small Business Innovation Research Grants (SBIR), Phase II
R55	James A. Shannon Director's Award	
Fellowship Programs	F05	International Research Fellowships (FIC)
	F06	Senior International Research Fellowships (FIC)
	F30	Individual Predoctoral NRSA for MD/PHD Fellowships (ADAMHA)
	F31	Predoctoral Individual National Research Service Award
	F32	Postdoctoral Individual National Research Service Award
	F33	National Research Service Award for Senior Fellows
Research Career Programs	K01	Research Scientist Development Award—Research and Training
	K02	Research Scientist Development Award—Research

⁵⁷ From: "Activity Codes, Organization Codes, and Definitions Used In Extramural Programs", User Support Branch, Division of Extramural Information Systems, Office of Extramural Research, NIH; March 2003

⁵⁸ Supplanted by the FIRST Award (R29)

⁵⁹ In FY 1999, NIH stopped accepting, reviewing and awarding R29s.

	K05	Research Scientist Award
	K08	Clinical Investigator Award
	K12	Physician Scientist Award (Program)
	K14	Minority School Faculty Development Award
	K22	Career Transition Award
	K23	Mentored Patient-Oriented Research Career Development Award
	K24	Mid-career Investigator Award in Patient-Oriented Research
	K25	Mentored Quantitative Research Career Development Award
All Other Mechanisms	P01	Research Program Projects
	P20	Exploratory Grants
	P30	Center Core Grants
	P40	Animal (Mammalian and Non-mammalian) Model, and Animal and Biological Material Resource Grants (NCRR)
	P41	Biotechnology Resource Grant Program
	P50	Specialized Center
	U01	Research Project (Cooperative Agreements)
	U10	Cooperative Clinical Research (Cooperative Agreements)
	U13	Conference (Cooperative Agreement)
	U24	Resource-Related Research Project (Cooperative Agreements)
	U43	Small Business Innovative Research (SBIR) Cooperative Agreements, Phase I
	U44	Small Business Innovative Research (SBIR) Cooperative Agreements, Phase II
	U54	Specialized Center (Cooperative Agreements)
	S06	Minority Biomedical Research Support (MBRS)
	S10	Biomedical Research Support Shared Instrumentation Grants (NCRR)
	S11	Minority Biomedical Research Support Thematic Project Grants
	T15	Continuing Education Training Program
	T32	Institutional National Research Service Award
	T35	NRSA Short-term Research Training
	T37	Minority International Research Training Grants (FIC)
	D43	International Training Grants in Epidemiology
	G08	Resources Project Grant (NLM)
	G11	Extramural Associate Research Development Award (EARDA)
	G13	Health Sciences Publication Support Awards (NLM)

APPENDIX B. Applications Reviewed at CSR by Mechanism and Activity Code.

Fiscal Year 2000			Application Info								PI Info				
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type ⁶⁰			Amendments				% HS+	% New Inv	Degrees ⁶¹		
				Type 1	Type 2	Type 3 ⁶²	A0	A1	A2	A3 ⁶³			% MD	% MD/PhD	% PhD
R	R01	21,356	68.0	73.8	25.5	0.4	65.6	26.7	7.5	0.3	35.8	25.9	15.7	13.0	70.3
	R03	655	2.1	98.2	1.8	0	80.8	16.5	2.6	0.2	56.3	34.1	10.7	8.9	79.7
	R10	1	0	100	0	0	100	0	0	0	100	0	0	0	0
	R13	71	0.2	97.2	2.8	0	97.2	2.8	0	0	1.4	8.7	19.7	12.7	64.8
	R15	561	1.8	95.9	4.1	0	85.9	13.2	0.9	0	30.8	44.4	0.7	1.6	94.8
	R18	2	0	50.0	0	50.0	100	0	0	0	100	0	0	0	100
	R21	895	2.9	96.1	3.8	0	80.0	16.4	3.6	0	53.1	28.8	19.4	11.6	65.8
	R24	52	0.2	100	0	0	94.2	5.8	0	0	51.9	7.7	17.3	17.3	61.5
	R25	88	0.3	71.6	28.4	0	86.4	10.2	3.4	0	15.9	33.3	13.6	2.3	70.5
	R37	98	0.3	7.1	87.8	3.1	92.9	6.1	1.0	0	19.4	0	18.4	10.2	69.4
	R41	314	1.0	100	0	0	74.2	22.3	3.5	0	32.2	30.3	13.1	9.2	69.4
	R42	55	0.2	10.9	87.3	0	61.8	30.9	7.3	0	54.5	33.3	10.9	10.9	74.5
	R43	3,428	10.9	100	0	0	77.6	19.3	3.1	0	31.5	31.7	6.0	4.4	70.0
	R44	791	2.5	16.6	80.7	0.8	70.9	23.1	5.8	0.1	50.7	35.1	4.9	4.6	72.2
	R55	22	0.1	100	0	0	54.5	40.9	4.5	0	36.4	27.3	18.2	9.1	72.7
F	F05	3	0	100	0	0	33.3	66.7	0	0	33.3	--	33.3	0	66.7
	F06	35	0.1	100	0	0	97.1	2.9	0	0	31.4	--	11.4	5.7	82.9
	F30	17	0.1	100	0	0	70.6	17.6	11.8	0	29.4	--	5.9	0	11.8
	F31	423	1.3	99.3	0.7	0	84.6	14.4	0.9	0	42.8	--	0.7	0	28.6
	F32	1,858	5.9	99.1	0.9	0	88.3	11.0	0.6	0	14.2	--	7.4	2.6	88.9
	F33	24	0.1	100	0	0	87.5	12.5	0	0	12.5	--	0	12.5	87.5
K	K01	73	0.2	100	0	0	74.0	21.9	4.1	0	54.8	64.4	4.1	8.2	86.3
	K02	25	0.1	72.0	28.0	0	80.0	20.0	0	0	48.0	5.6	32.0	16.0	52.0
	K05	10	0	90.0	10.0	0	90.0	10.0	0	0	60.0	0	30.0	10.0	60.0
	K08	50	0.2	100	0	0	70.0	18.0	8.0	4.0	60.0	68.0	66.0	24.0	8.0

⁶⁰ Percent of applications by type is based on all applications reviewed by CSR; some types (4,6,7,9) are not shown

⁶¹ Percent of applications by PI degree is based on all applications reviewed by CSR; percent of applications by investigators with degrees other than MD or PHD is not shown

⁶² Type 3 applications are supplements to existing grants

⁶³ As of June 1997, the NIH no longer accepts A3 or higher amendments to an application for extramural support.

Fiscal Year 2000				Application Info								PI Info			
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type ⁶⁰			Amendments				% HS+	% New Inv	% Degrees ⁶¹		
				Type 1	Type 2	Type 3 ⁶²	A0	A1	A2	A3 ⁶³			% MD	% MD/PhD	% PhD
	K14	1	0	100	0	0	100	0	0	0	100	0	0	0	100
	K23	36	0.1	100	0	0	69.4	27.8	2.8	0	100	66.7	66.7	5.6	27.8
	K24	9	0	100	0	0	44.4	33.3	22.2	0	100	0	100	0	0
	K25	7	0	100	0	0	100	0	0	0	71.4	42.9	0	0	100
Other	P01	11	0	72.7	18.2	9.1	81.8	18.2	0	0	9.1	12.5	0	9.1	90.9
	P30	1	0	100	0	0	100	0	0	0	0	0	100	0	0
	P41	21	0.1	38.1	57.1	4.8	81.0	19.0	0	0	33.3	0	4.8	0	95.2
	P50	2	0	100	0	0	100	0	0	0	100	0	100	0	0
	U01	60	0.2	100	0	0	85.0	15.0	0	0	40.0	13.3	21.7	8.3	63.3
	S10	311	1.0	100	0	0	86.5	12.9	0.6	0	0	5.5	10.3	10.9	78.5
	T15	8	0	100	0	0	87.5	0	12.5	0	0	75.0	0	25.0	62.5
	T35	7	0	14.3	85.7	0	71.4	28.6	0	0	71.4	0	42.9	14.3	28.6
	G11	13	0	46.2	53.8	0	100	0	0	0	0	33.3	0	0	76.9
	G13	3	0	100	0	0	100	0	0	0	0	66.7	0	0	100
All 2000 Apps	Total	31,397		79.2	20.3	0.3	70.4	23.5	5.9	0.2	35.0	27.5	13.5	10.6	71.3

Fiscal Year 2001				Application Info								PI Info				
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type			Amendments					% HS+	% New Inv	Degrees		
				Type 1	Type 2	Type 3	A0	A1	A2	A3	% MD			% MD/PhD	% PhD	
R	R01	20,556	68.5	73.6	25.8	0.3	66.0	26.4	7.5	0.1	36.4	29.1	15.3	13.0	70.8	
	R03	525	1.7	98.1	1.9	0	76.8	19.4	3.6	0.2	57.7	33.6	11.0	7.4	79.4	
	R13	61	0.2	98.4	0	1.6	100	0	0	0	0	5.0	14.8	9.8	73.8	
	R15	535	1.8	95.1	4.7	0	78.3	19.6	2.1	0	29.2	39.3	0.6	1.3	95.5	
	R21	1,142	3.8	96.1	3.9	0	78.2	20.1	1.8	0	55.6	29.0	23.5	13.3	61.5	
	R24	7	0	100	0	0	85.7	14.3	0	0	14.3	0	0	14.3	85.7	
	R25	84	0.3	69.0	31.0	0	83.3	14.3	2.4	0	10.7	43.1	1.2	2.4	84.5	
	R29	1	0	0	0	100	100	0	0	0	100	--	0	0	100	
	R33	22	0.1	100	0	0	100	0	0	0	50.0	45.5	18.2	0	81.8	
	R37	91	0.3	5.5	91.2	1.1	85.7	13.2	1.1	0	30.8	0	16.5	18.7	64.8	
	R41	267	0.9	100	0	0	79.4	19.1	1.5	0	28.8	24.3	14.2	9.0	72.3	
	R42	53	0.2	3.8	94.3	0	77.4	22.6	0	0	41.5	0	15.1	5.7	71.7	
	R43	2,924	9.7	100	0	0	77.9	18.3	3.8	0	32.8	27.9	5.6	5.5	70.0	
	R44	808	2.7	14.0	82.8	0.1	71.2	22.0	6.6	0.2	50.4	23.0	6.2	5.2	73.9	
	R55	14	0	100	0	0	57.1	42.9	0	0	50.0	35.7	21.4	21.4	57.1	
F	F06	14	0	100	0	0	85.7	14.3	0	0	50.0	--	14.3	0	85.7	
	F30	15	0	100	0	0	80.0	20.0	0	0	26.7	--	0	0	6.7	
	F31	487	1.6	100	0	0	86.7	12.3	1.0	0	39.4	--	0.4	0	15.8	
	F32	1,588	5.3	99.7	0.3	0	87.2	12.3	0.5	0	16.8	--	9.1	2.3	87.3	
	F33	26	0.1	100	0	0	92.3	7.7	0	0	11.5	--	7.7	7.7	84.6	
K	K01	67	0.2	100	0	0	61.2	28.4	10.4	0	64.2	62.7	1.5	4.5	91.0	
	K02	24	0.1	62.5	37.5	0	95.8	4.2	0	0	62.5	0	25.0	25.0	50.0	
	K05	2	0	100	0	0	50.0	50.0	0	0	100	0	100	0	0	
	K08	46	0.2	100	0	0	71.7	23.9	4.3	0	45.7	60.9	39.1	37.0	17.4	
	K12	1	0	100	0	0	100	0	0	0	100	100	0	0	100	
	K14	2	0	50.0	50.0	0	100	0	0	0	0	0	0	0	100	
	K23	59	0.2	100	0	0	69.5	23.7	6.8	0	100	40.7	50.8	10.2	39.0	
	K24	11	0	100	0	0	81.8	9.1	9.1	0	100	9.1	72.7	9.1	18.2	
	K25	5	0	100	0	0	80.0	20.0	0	0	20.0	40.0	0	0	100	
Other	P01	15	0	66.7	26.7	6.7	86.7	13.3	0	0	13.3	30.0	0	0	100	
	P20	42	0.1	92.9	7.1	0	95.2	0	4.8	0	57.1	17.9	7.1	19.0	69.0	
	P41	21	0.1	23.8	66.7	9.5	81.0	19.0	0	0	42.9	20.0	4.8	4.8	90.5	

Fiscal Year 2001				Application Info							PI Info				
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type			Amendments				% HS+	% New Inv	Degrees		
				Type 1	Type 2	Type 3	A0	A1	A2	A3			% MD	% MD/PhD	% PhD
	U01	65	0.2	96.9	3.1	0	84.6	13.8	1.5	0	66.2	3.2	21.5	15.4	61.5
	U10	4	0	100	0	0	100	0	0	0	100	0	0	0	75.0
	U43	1	0	100	0	0	0	100	0	0	0	0	0	0	0
	S06	10	0	100	0	0	100	0	0	0	100	40.0	40.0	0	0
	S10	392	1.3	100	0	0	85.5	12.8	1.8	0	0	5.9	12.5	12.2	74.7
	T15	18	0.1	100	0	0	88.9	11.1	0	0	0	44.4	16.7	5.6	55.6
	T35	4	0	25.0	75.0	0	75.0	25.0	0	0	25.0	0	25.0	25.0	50.0
All 2001 Apps	Total	30,009		78.6	20.8	0.3	70.4	23.5	6.0	0.1	36.1	28.8	13.5	10.9	70.9

Fiscal Year 2002				Application Info								PI Info			
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type			Amendments				% HS+	% New Inv	% MD	Degrees	
				Type 1	Type 2	Type 3	A0	A1	A2	A3				% MD/PhD	% PhD
R	R01	22,298	66.6	74.1	25.3	0.3	66.4	26.4	7.3	0	36.9	34.0	16.0	13.6	69.6
	R03	694	2.1	97.8	2.2	0	81.4	16.1	2.4	0	56.6	40.9	10.4	8.4	79.8
	R13	84	0.3	100	0	0	98.8	1.2	0	0	2.4	4.8	17.9	4.8	75.0
	R15	513	1.5	93.0	7.0	0	78.8	17.0	4.1	0.2	30.0	48.2	0.6	1.8	96.1
	R21	1,832	5.5	98.2	1.8	0	82.3	14.9	2.8	0	52.2	40.0	20.1	13.4	64.6
	R24	8	0	100	0	0	75.0	25.0	0	0	0	12.5	0	0	100
	R25	90	0.3	67.8	32.2	0	91.1	8.9	0	0	10.0	45.9	10.0	4.4	74.4
	R33	31	0.1	100	0	0	80.6	19.4	0	0	45.2	38.7	12.9	9.7	77.4
	R37	90	0.3	4.4	90.0	3.3	95.6	4.4	0	0	26.7	0	13.3	18.9	67.8
	R41	250	0.7	100	0	0	80.0	19.6	0.4	0	34.0	32.8	15.2	8.8	68.4
	R42	60	0.2	10.0	88.3	0	78.3	13.3	8.3	0	43.3	33.3	21.7	8.3	65.0
	R43	3,414	10.2	100	0	0	82.8	14.9	2.3	0	31.0	36.9	5.1	6.3	70.5
	R44	927	2.8	21.6	75.7	0.2	75.6	18.8	5.6	0	49.9	47.0	6.1	6.3	70.3
	R55	14	0	100	0	0	64.3	28.6	7.1	0	28.6	50.0	14.3	28.6	57.1
F	F30	17	0.1	100	0	0	76.5	11.8	11.8	0	17.6	--	0	0	5.9
	F31	613	1.8	100	0	0	83.5	15.3	1.1	0	40.6	--	0.2	0	6.4
	F32	1,644	4.9	99.6	0.4	0	87.4	11.8	0.8	0	18.1	--	10.8	2.8	85.5
	F33	26	0.1	100	0	0	88.5	7.7	3.8	0	30.8	--	19.2	7.7	69.2
K	K01	79	0.2	100	0	0	72.2	25.3	2.5	0	57.0	69.6	5.1	8.9	86.1
	K02	24	0.1	87.5	12.5	0	75.0	16.7	8.3	0	50.0	9.5	37.5	12.5	50.0
	K05	4	0	100	0	0	100	0	0	0	75.0	0	25.0	25.0	50.0
	K08	35	0.1	100	0	0	54.3	45.7	0	0	60.0	54.3	40.0	34.3	20.0
	K12	38	0.1	100	0	0	97.4	2.6	0	0	23.7	7.9	55.3	18.4	26.3
	K23	53	0.2	100	0	0	56.6	35.8	7.5	0	100	45.3	56.6	5.7	37.7
	K24	12	0	100	0	0	75.0	25.0	0	0	100	0	75.0	25.0	0
	K25	10	0	100	0	0	90.0	10.0	0	0	30.0	90.0	0	0	100
Other	P01	37	0.1	67.6	29.7	2.7	86.5	10.8	2.7	0	21.6	8.0	10.8	10.8	78.4
	P20	46	0.1	97.8	0	2.2	69.6	30.4	0	0	54.3	17.8	15.2	13.0	69.6
	P40	1	0	100	0	0	100	0	0	0	0	100	0	0	100
	P41	24	0.1	29.2	62.5	0	75.0	25.0	0	0	29.2	0	0	4.2	95.8
	U01	14	0	85.7	14.3	0	64.3	21.4	14.3	0	64.3	16.7	35.7	14.3	50.0
	U13	2	0	100	0	0	50.0	50.0	0	0	0	0	50.0	0	50.0

Fiscal Year 2002				Application Info							PI Info				
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type			Amendments				% HS+	% New Inv	Degrees		
				Type 1	Type 2	Type 3	A0	A1	A2	A3			% MD	% MD/PhD	% PhD
	U44	6	0	100	0	0	100	0	0	0	16.7	83.3	16.7	16.7	0
	U54	10	0	100	0	0	100	0	0	0	100	0	60.0	0	40.0
	S06	10	0	50.0	0	50.0	90.0	10.0	0	0	80.0	0	40.0	0	0
	S10	409	1.2	100	0	0	87.0	12.2	0.7	0	0	9.0	9.5	11.0	79.2
	S11	1	0	100	0	0	100	0	0	0	100	100	100	0	0
	T15	21	0.1	100	0	0	100	0	0	0	0	61.9	23.8	14.3	57.1
	T32	1	0	100	0	0	100	0	0	0	100	0	0	100	0
	T35	7	0	42.9	42.9	0	85.7	14.3	0	0	0	0	28.6	14.3	57.1
	D43	23	0.1	100	0	0	100	0	0	0	95.7	4.3	34.8	21.7	43.5
All 2002 Apps	Total	33,472		79.6	19.8	0.3	71.8	22.6	5.6	0	36.5	35.0	14.0	11.4	69.6

Fiscal Year 2003				Application Info							PI Info				
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type			Amendments				% HS+	% New Inv	% MD	Degrees	
				Type 1	Type 2	Type 3	A0	A1	A2	A3				% MD/PhD	% PhD
R	R01	25,937	62.2	75.7	23.6	0.3	66.7	26.1	7.3	0	36.9	36.0	15.5	13.8	69.8
	R03	1,049	2.5	99.0	1.0	0	83.7	13.9	2.4	0	50.5	46.1	10.9	9.7	77.0
	R13	76	0.2	93.4	6.6	0	96.1	3.9	0	0	0	14.1	21.1	7.9	67.1
	R15	566	1.4	90.1	9.9	0	77.2	19.4	3.4	0	29.2	55.7	0.2	1.6	95.9
	R21	3,825	9.2	98.8	1.1	0.1	84.5	14.1	1.4	0	44.2	45.6	18.2	10.7	69.7
	R24	12	0	83.3	8.3	8.3	100	0	0	0	25.0	0	0	16.7	83.3
	R25	73	0.2	60.3	39.7	0	72.6	23.3	4.1	0	15.1	52.3	0	2.7	84.9
	R33	49	0.1	100	0	0	69.4	28.6	2.0	0	36.7	28.6	8.2	12.2	77.6
	R34	3	0	100	0	0	66.7	0	33.3	0	100	100	0	0	100
	R37	74	0.2	5.4	89.2	4.1	93.2	6.8	0	0	24.3	25.0	10.8	20.3	68.9
	R41	414	1.0	100	0	0	84.3	14.5	1.2	0	31.4	31.9	12.3	11.1	67.6
	R42	62	0.1	29.0	71.0	0	80.6	16.1	3.2	0	45.2	16.7	22.6	4.8	71.0
	R43	4,785	11.5	100	0	0	81.9	15.5	2.6	0	28.5	35.7	5.4	5.4	71.1
	R44	1,067	2.6	25.7	72.4	0	75.8	19.9	4.3	0	46.4	33.9	6.6	5.8	72.0
	R55	3	0	100	0	0	66.7	33.3	0	0	66.7	33.3	33.3	0	66.7
F	F30	14	0	100	0	0	92.9	7.1	0	0	35.7	--	0	0	0
	F31	720	1.7	99.9	0.1	0	78.1	21.0	1.0	0	41.9	--	0	0.1	1.0
	F32	2,024	4.9	99.8	0.2	0	85.0	14.1	0.9	0	18.7	--	10.3	2.7	85.1
	F33	31	0.1	100	0	0	90.3	6.5	3.2	0	16.1	--	6.5	3.2	90.3
K	K01	101	0.2	95.0	5.0	0	69.3	24.8	5.9	0	69.3	85.4	9.9	2.0	74.3
	K02	20	0	55.0	45.0	0	55.0	40.0	5.0	0	55.0	0	35.0	10.0	55.0
	K05	3	0	100	0	0	100	0	0	0	100	0	33.3	0	66.7
	K08	35	0.1	100	0	0	74.3	17.1	8.6	0	60.0	80.0	37.1	45.7	17.1
	K12	1	0	100	0	0	100	0	0	0	0	0	0	0	100
	K14	1	0	100	0	0	100	0	0	0	100	0	0	0	100
	K22	1	0	100	0	0	100	0	0	0	0	100	0	0	100
	K23	58	0.1	100	0	0	67.2	19.0	13.8	0	100	67.2	51.7	13.8	34.5
	K24	16	0	93.8	6.3	0	68.8	25.0	6.3	0	100	6.7	75.0	25.0	0
	K25	18	0	100	0	0	94.4	5.6	0	0	27.8	94.4	0	0	100
Other	P01	30	0.1	60.0	23.3	13.3	70.0	26.7	3.3	0	33.3	5.6	16.7	16.7	66.7
	P20	38	0.1	92.1	2.6	2.6	68.4	28.9	2.6	0	52.6	22.9	26.3	15.8	57.9
	P40	2	0	100	0	0	50.0	50.0	0	0	0	50.0	0	0	100

Fiscal Year 2003				Application Info								PI Info			
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type			Amendments				% HS+	% New Inv	Degrees		
				Type 1	Type 2	Type 3	A0	A1	A2	A3			% MD	% MD/PhD	% PhD
	P41	30	0.1	50.0	36.7	0	100	0	0	0	23.3	0	3.3	0	96.7
	U01	30	0.1	70.0	23.3	6.7	63.3	36.7	0	0	66.7	14.3	26.7	13.3	60.0
	U13	1	0	100	0	0	100	0	0	0	0	0	0	0	100
	U24	2	0	100	0	0	100	0	0	0	100	0	50.0	0	50.0
	U44	1	0	100	0	0	100	0	0	0	100	0	0	0	0
	U54	79	0.2	100	0	0	92.4	7.6	0	0	100	17.7	48.1	25.3	25.3
	S10	324	0.8	100	0	0	86.4	12.7	0.9	0	0	12.3	9.9	11.7	78.1
	T15	23	0.1	95.7	4.3	0	73.9	26.1	0	0	4.3	9.1	13.0	8.7	73.9
	T35	5	0	40.0	60.0	0	40.0	40.0	20.0	0	40.0	0	40.0	20.0	40.0
	D43	69	0.2	43.5	14.5	42.0	98.6	1.4	0	0	63.8	16.7	56.5	20.3	21.7
	G08	1	0	100	0	0	0	100	0	0	0	100	0	0	100
All 2003 Apps	Total	41,673		82.1	17.3	0.3	72.6	22.1	5.3	0	36.2	37.5	13.6	11.2	69.9

Fiscal Year 2004				Application Info								PI Info				
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type			Amendments					% HS+	% New Inv	Degrees		
				Type 1	Type 2	Type 3	A0	A1	A2	A3	% MD			% MD/PhD	% PhD	
R	R01	27,612	58.7	75.0	24.0	0.7	63.8	27.6	8.6	0.1	37.4	25.7	16.5	10.8	71.2	
	R03	1,363	2.9	98.2	1.8	0	79.4	19.1	1.5	0	51.2	51.5	11.2	7.9	77.4	
	R13	39	0.1	94.9	5.1	0	89.7	7.7	2.6	0	5.1	20.5	12.2	5.1	76.9	
	R15	635	1.4	91.3	8.5	0	82.8	14.6	2.5	0	25.7	53.5	0.8	1.4	96.1	
	R21	5,821	12.4	99.6	.3	.1	83.6	14.4	2.0	0	38.5	44.7	15.5	10.5	72.1	
	R24	34	0.1	97.1	2.9	0	85.3	14.7	0	0	44.1	0	14.7	5.9	73.5	
	R25	82	0.2	63.4	35.4	1.2	84.1	13.4	2.4	0	14.6	39.0	12.2	8.5	59.8	
	R33	31	0.1	100	0	0	87.1	12.9	0	0	25.8	12.9	3.2	12.9	77.4	
	R34	6	0	100	0	0	83.3	16.7	0	0	100	50.0	0	0	83.3	
	R37	69	0.1	5.8	94.2	0	81.2	18.8	0	0	26.1	0	23.2	8.7	68.1	
	R41	600	1.3	100	0	0	75.5	19.8	2.7	0	30.7	27.2	12.8	6.5	72.5	
	R42	97	0.2	27.8	70.2	2.1	74.2	23.7	2.1	0	56.7	8.2	17.5	8.2	64.9	
	R43	4,946	10.5	100	0	0	76.7	20.3	3.0	0	28.3	34.7	7.3	5.6	70.6	
	R44	1,095	2.3	20.3	78.1	.3	68.2	26.8	4.9	.1	47.8	11.1	7.5	4.8	71.8	
	R55	4	0	100	0	0	100	0	0	0	50.0	25.0	25.0	25.0	50.0	
F	F30	27	0.1	100	0	0	92.6	7.4	0	0	22.2	--	0	0	0	
	F31	1,153	2.5	99.9	0.1	0	78.6	18.6	2.8	0	40.7	--	.3	0	0	
	F32	2,248	4.8	99.8	.2	0	81.4	17.0	1.6	0	20.3	--	8.9	2.4	86.6	
	F33	24	0.1	100	0	0	100	0	0	0	33.3	--	12.5	4.2	83.3	
K	K01	88	0.2	98.9	1.1	0	65.9	30.7	3.4	0	69.3	71.6	11.4	2.3	85.2	
	K02	19	0	73.7	26.3	0	73.7	21.1	5.3	0	68.4	5.3	26.3	0	73.7	
	K05	3	0	100	0	0	66.7	33.3	0	0	66.7	0	0	0	100	
	K08	50	0.1	100	0	0	72.0	20.0	8.0	0	48.0	80.0	46.0	28.0	24.0	
	K22	1	0	100	0	0	100	0	0	0	0	0	0	0	100	
	K23	76	0.2	100	0	0	63.2	30.3	6.6	0	100	85.5	60.5	3.9	34.2	
	K24	18	0	83.3	16.7	0	72.2	22.2	5.6	0	100	11.1	61.1	22.2	16.7	
	K25	10	0	100	0	0	70.0	30.0	0	0	30.0	90.0	0	0	100	
Other	D43	55	0.1	43.6	23.6	32.7	80.0	18.2	1.8	0	20.0	7.3	60.0	14.5	21.8	
	D71	6	0	100	0	0	100	0	0	0	16.7	50.0	66.7	16.7	16.7	
	L30	1	0	100	0	0	100	0	0	0	0	0	0	0	0	
	P01	27	0.1	55.5	22.2	22.2	74.1	18.5	7.4	0	25.9	3.7	7.4	3.7	85.2	
	P20	3	0	66.7	33.3	0	33.3	66.7	0	0	66.7	0	0	0	100	

Fiscal Year 2004				Application Info								PI Info			
Mechanism	Activity Code	# Reviewed	% of Total Reviewed	% Type			Amendments				% HS+	% New Inv	Degrees		
				Type 1	Type 2	Type 3	A0	A1	A2	A3			% MD	% MD/PhD	% PhD
	P40	2	0	100	0	0	50.0	50.0	0	0	0	0	0	0	100
	P41	26	0.1	30.8	69.2	0	73.1	26.9	0	0	42.3	0	15.4	7.7	76.9
	P50	1	0	0	0	100	100	0	0	0	0	0	100	0	0
	S10	560	1.2	100	0	0	85.0	13.9	1.1	0	.2	11.3	13.4	6.4	78.4
	T15	13	0	100	0	0	76.9	23.1	0	0	0	0	15.4	0	53.8
	T35	4	0	25.0	75.0	0	75.0	25.0	0	0	75.0	0	75.0		25.0
	U01	66	0.1	59.1	16.7	24.2	86.4	6.1	7.6	0	87.9	10.6	36.4	3.0	53.0
	U13	1	0	100	0	0	100	0	0	0	0	0	0	0	100
	U19	7	0	100	0	0	100	0	0	0	57.1	28.6	14.3	0	85.7
	U2R	24	0.1	100	0	0	100	0	0	0	37.5	20.8	62.5	20.8	16.7
	U54	53	0.1	100	0	0	100	0	0	0	49.1	9.4	11.3	13.2	75.5
All 2004 Apps	Total	47,000	100.0	82.6	16.6	.5	70.4	23.6	6.0	0	36.1	27.8	14.1	9.0	70.6