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**ACD**



# **FACTS AND FIGURES ON NATIONAL INSTITUTES OF HEALTH (NIH) EXTRAMURAL PROGRAMS**

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# ABOUT NIH EXTRAMURAL FACTS AND FIGURES

- This slide set will be an annual product of the Division of Information Services/ORIS/OER/OD/NIH
- Currently data through 2006 available on the OER web site:

<http://grants1.nih.gov/grants/award/award.htm>



[NIH Investment in Extramural Research and Training Programs](#) (Powerpoint - 9 MB)

NEW

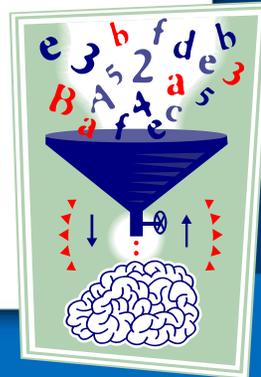
- Annual updates of existing data are planned to occur in January
- The publication of this slide set is dependent on the successful “freezing” of data shortly after the end of the fiscal year.
- Although published annually, the slide set is a working document:
  - New items can be added, obsolete items removed
  - Text annotations for each slide or groups of slides may be added
  - Multiple formats and media may be applied





## FEATURES OF NIH EXTRAMURAL FACTS AND FIGURES

- Frequently-Requested facts on NIH extramural programs, organized by major program areas
- Table of contents with hyperlinks to major sections
- Modular design, allowing selected portions or individual slides to be used in presentations
- Index of all slides with hyperlinks
- Consistent look and feel, including standard style definitions





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<b>NIH BUDGET FY 2007 AND 2008: Information on NIH Budget by Funding Mechanism</b>	<b>03</b>
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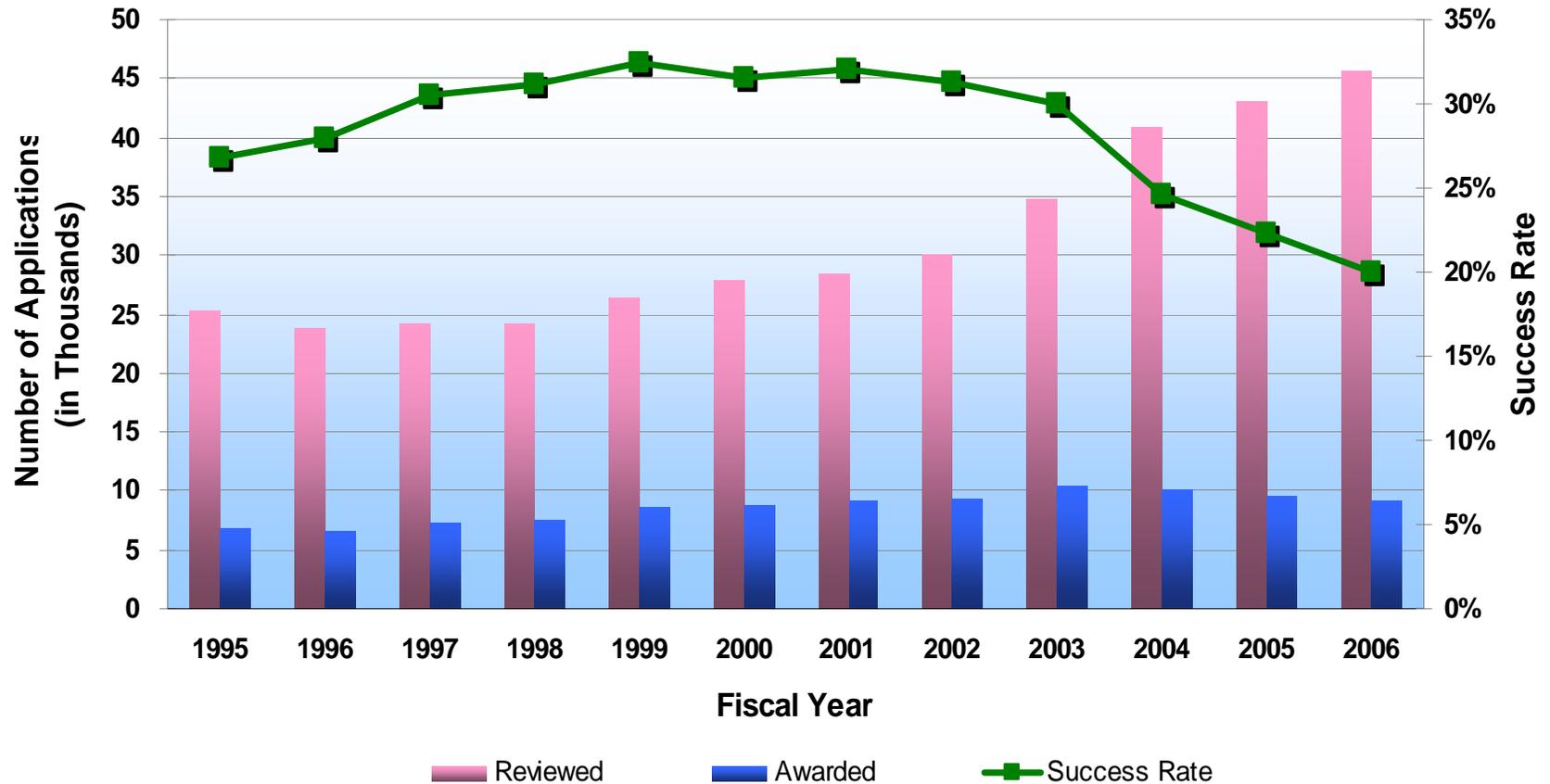
# Type of Data and Information Provided

- Primarily **NIH** trends and data
  - Some IC-Specific data provided
  - Adding more as it is generated
- Numbers
  - Applications
  - Awards
  - Mechanisms
  - Program types
- Most have the data available through an embedded Excel table (double click on the table)





# NIH COMPETING RPG\* APPLICATIONS: TRENDS IN NUMBER, AWARDS AND SUCCESS RATES



\* RPG's include R01, R23, R29, R37, DP1, P01, P42, PN1, R03, R15, R21, R22, R23, R33, R34, R35, R36, R37, R55, R56, UC1, UC7, U01, and U19 mechanisms





# NIH COMPETING RPG\* APPLICATIONS: TRENDS IN NUMBER, AWARDS AND SUCCESS RATES

## Success Rates Based on Applications or Individual Applicants

NIH RPG Competing Applications and Applicants, FY 1995 - 2005

FY	Data on Individuals						Data on Applications				
	All RPG			R01 Equivalent			All RPG			R01 Equivalent	
	Reviewed	Awarded	% Funded	Reviewed	Awarded	% Funded	Reviewed	Awarded	Success Rate	Reviewed	Awarded
1995	20,350	6,301	31.0%	18,570	5,496	29.6%	25,225	6,759	26.8%	22,543	5,850
1996	19,511	6,228	31.9%	17,479	5,386	30.8%	23,821	6,653	27.9%	20,924	5,695
1997	19,631	6,912	35.2%	17,027	5,813	34.1%	24,221	7,388	30.5%	20,396	6,140
1998	19,663	6,974	35.5%	16,839	5,797	34.4%	24,151	7,518	31.1%	20,039	6,195
1999	21,231	7,838	36.9%	18,273	6,552	35.9%	26,408	8,556	32.4%	21,944	7,028
2000	22,188	8,022	36.2%	18,349	6,554	35.7%	27,798	8,765	31.5%	22,088	7,063
2001	22,567	8,362	37.1%	18,266	6,530	35.7%	28,368	9,098	32.1%	21,967	6,965
2002	23,795	8,605	36.2%	18,490	6,356	34.4%	30,068	9,396	31.2%	22,212	6,799
2003	26,639	9,461	35.5%	19,979	6,905	34.6%	34,710	10,393	29.9%	24,634	7,430
2004	30,279	9,126	30.1%	21,883	6,487	29.6%	40,861	10,052	24.6%	27,461	6,991
2005	31,791	8,783	27.6%	22,536	6,052	26.9%	43,069	9,599	22.3%	28,423	6,463
2006							45,688	9,128	20.0%		

R01 Equivalent = R01, R29 and R37

Other RPG = DP1 P01 P42 PN1 R03 R15 R21 R22 R23 R33 R34 R35 R36 R37 R55 R56 UC1 U01 U19 DP1

Source: Success Rate files as of May 3, 2006. Program srf\_indiv\_060103\_rfm

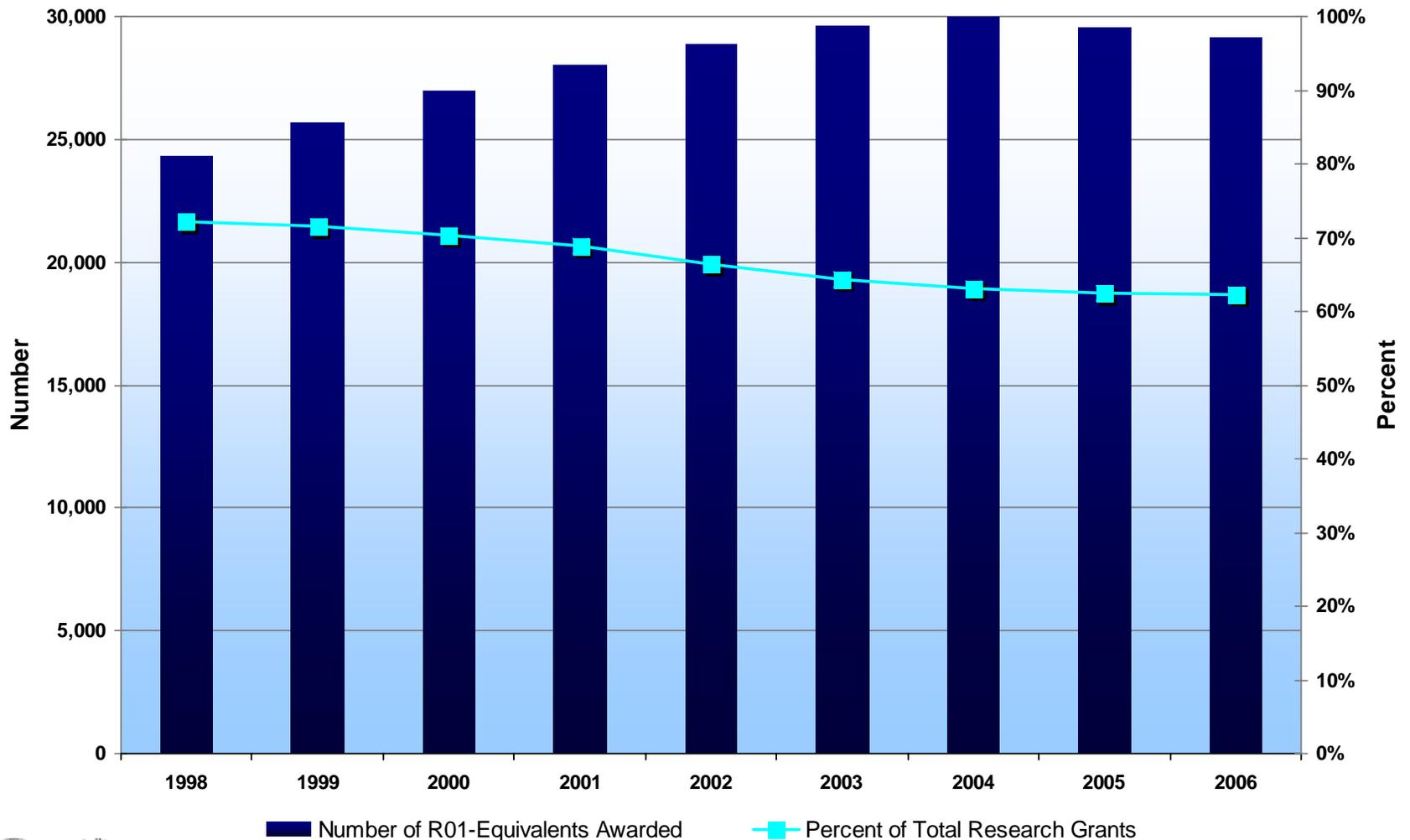
Individuals are determined using the pi\_profile\_person\_id in IMPAC-II

\* RPG's include R01, R23, R29, R37, DP1, P01, P42, PN1, R03, R15, R21, R22, R23, R33, R34, R35, R36, R37, R55, R56, UC1, UC7, U01, and U19 mechanisms





# NUMBER OF R01-EQUIVALENT GRANTS\* AND PERCENT OF ALL RESEARCH GRANTS



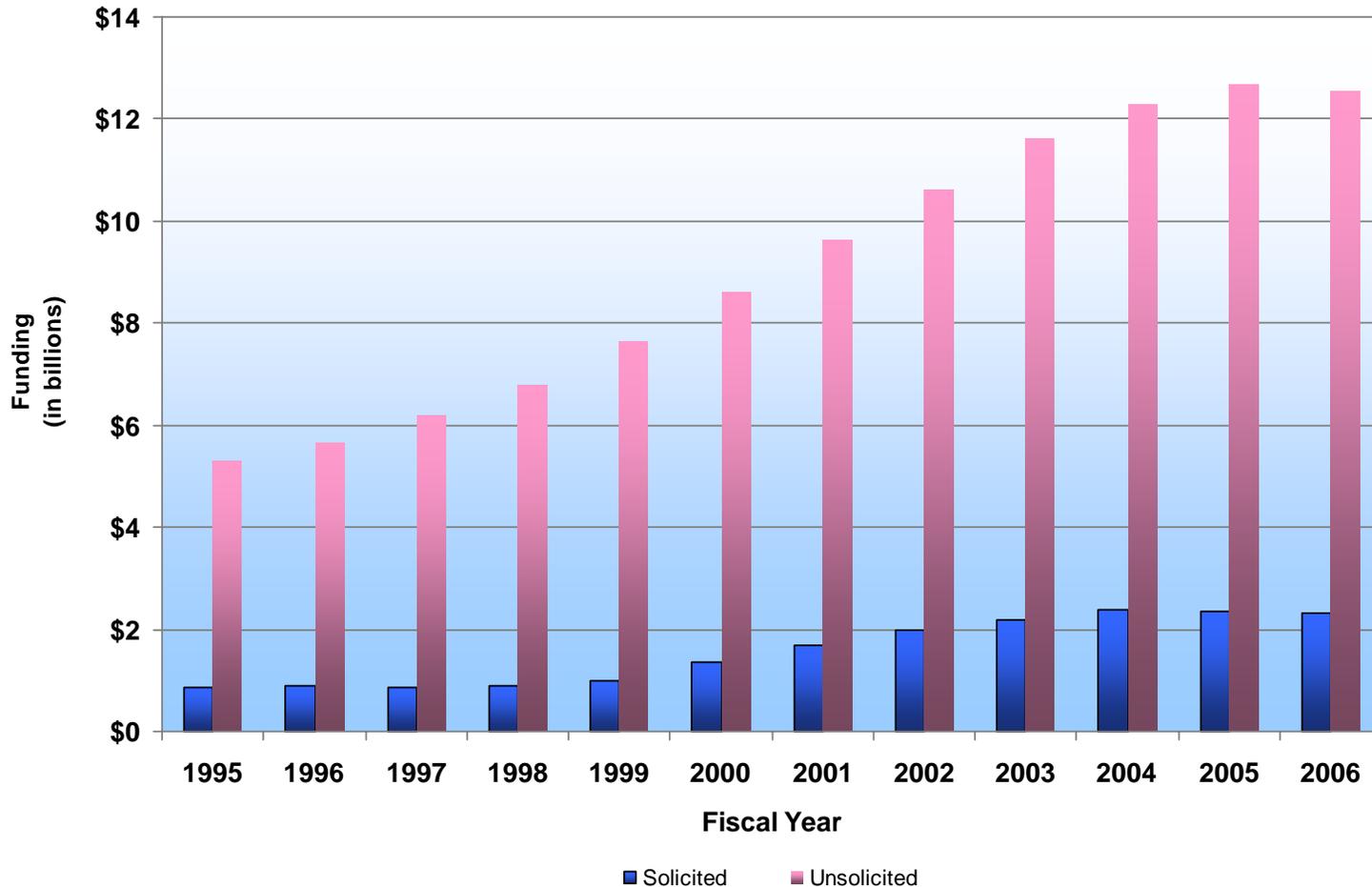
■ Number of R01-Equivalents Awarded    —■ Percent of Total Research Grants

\* R01-Equivalent Grants include R01, R23, R29, and R37 mechanisms





# RPG\* FUNDING, UNSOLICITED AND SOLICITED



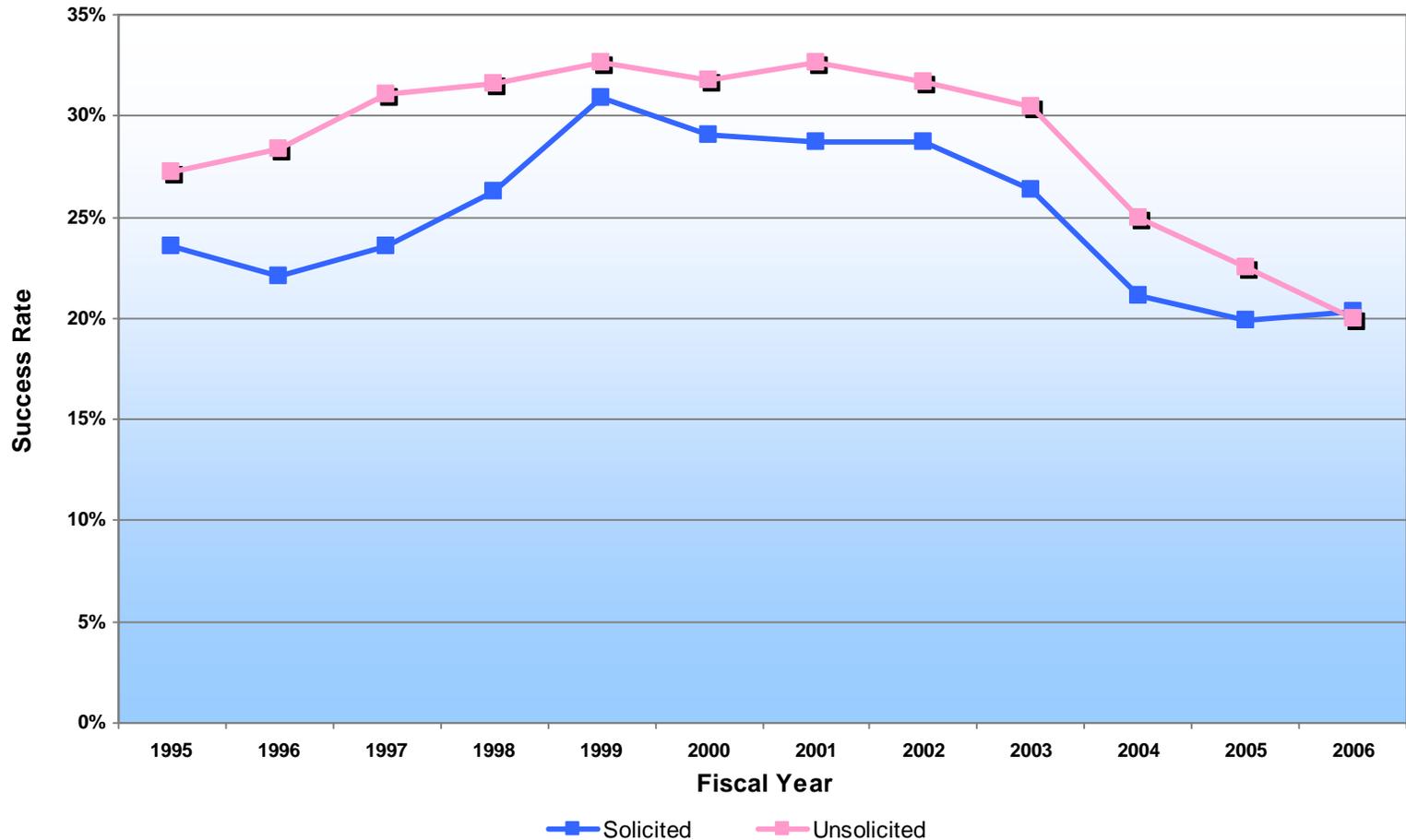
Solicited awards are responses to Requests for Applications (RFA's)

\* RPG's include R01, R23, R29, R37, DP1, P01, P42, PN1, R03, R15, R21, R22, R23, R33, R34, R35, R36, R37, R55, R56, UC1, UC7, U01, and U19 mechanisms





# SUCCESS RATES OF UNSOLICITED AND SOLICITED COMPETING RPG\* APPLICATIONS



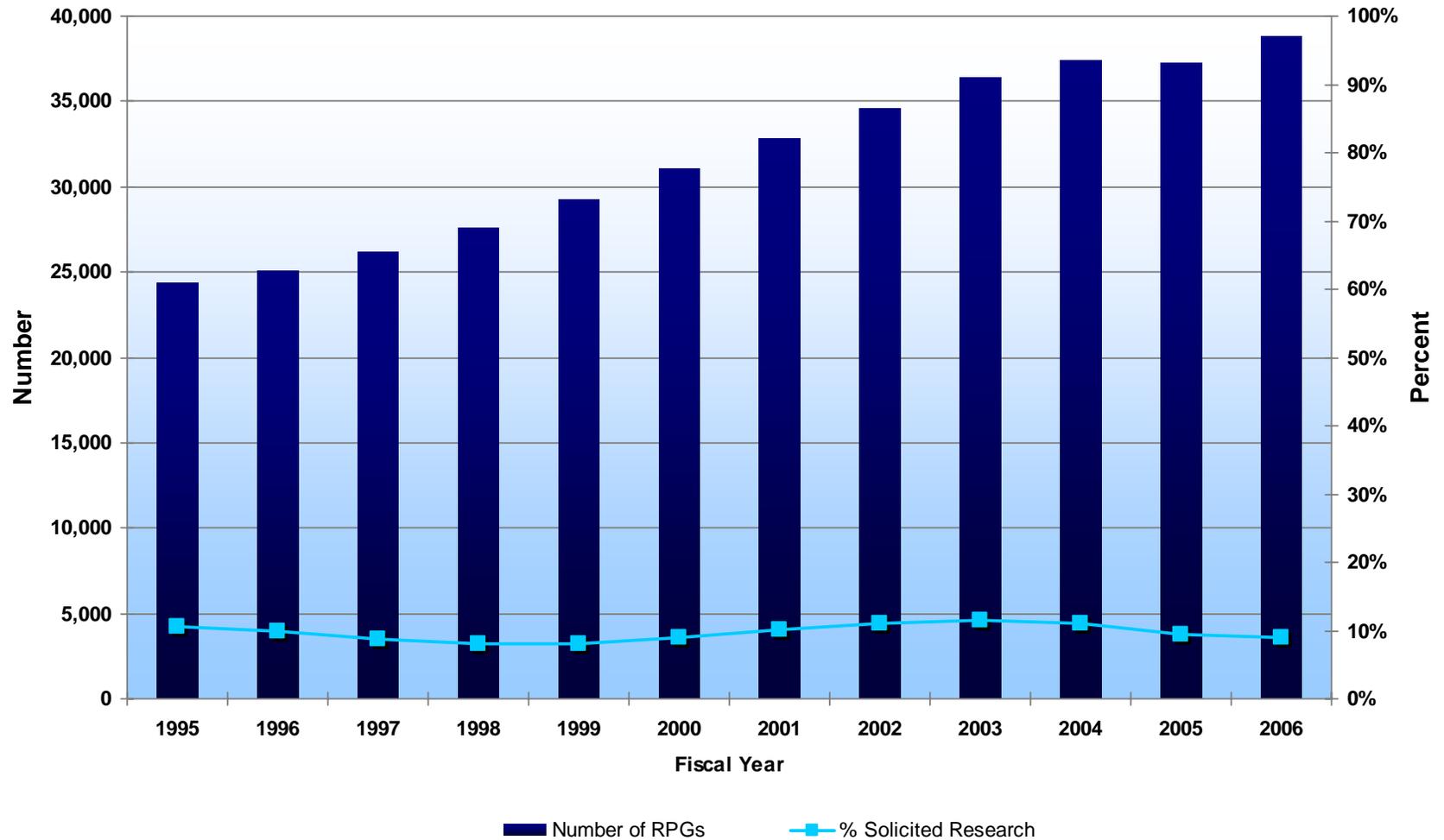
Solicited awards are responses to Requests for Applications (RFA's)

\* Research Projects are part of research grants, limited to activity codes R01, R03, R15, R21, R22, R23, R29, R33, R34, R35, R36, R37, R55, R56, P01, P42, PN1, UC1, U01, U19 and DP1. No NLM awards are considered to be research projects.





# TOTAL NUMBER OF RPG'S\* AWARDED AND PERCENT FUNDED THROUGH SOLICITED RESEARCH

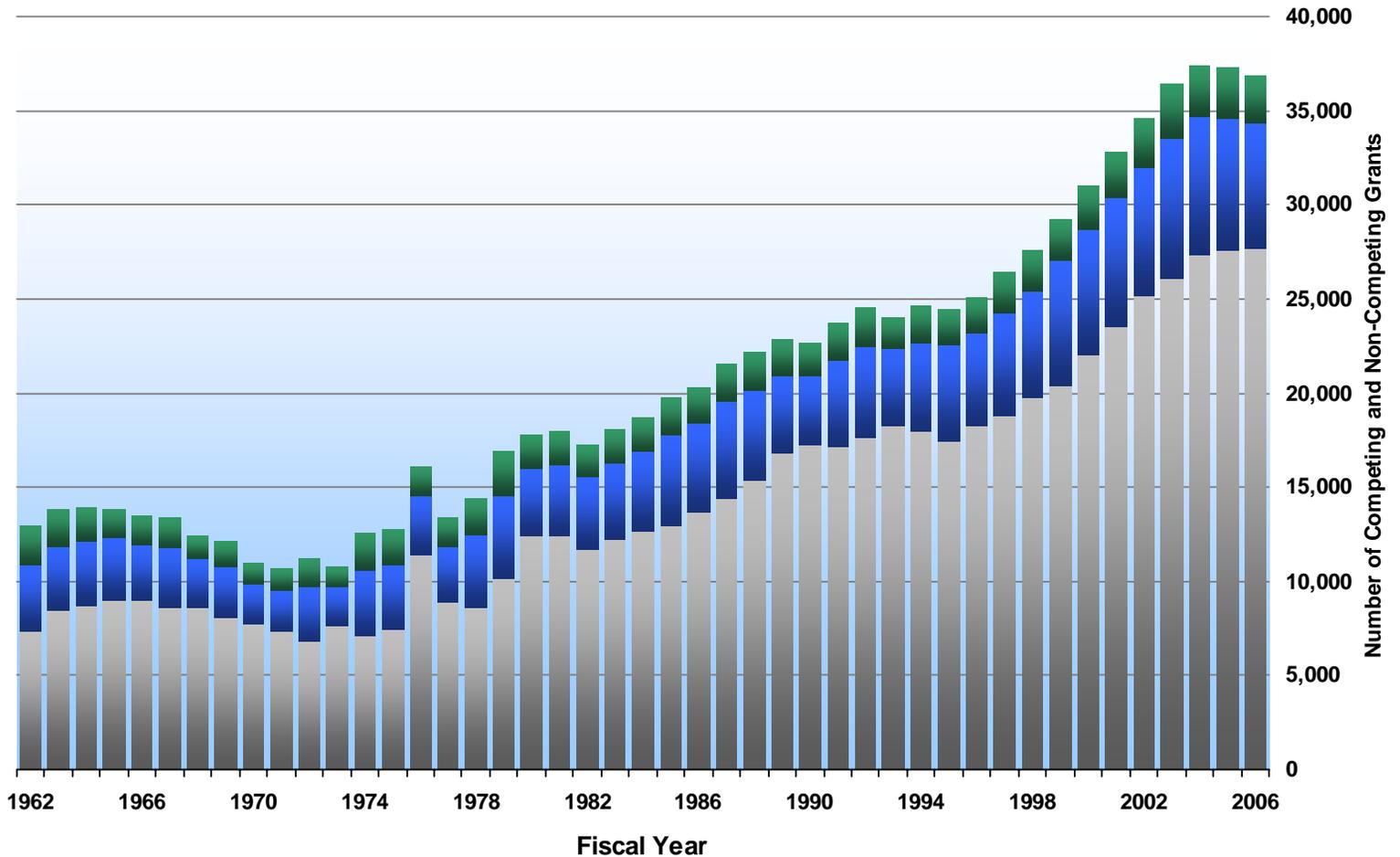


Solicited awards are responses to Requests for Applications (RFA's)  
\* RPG's include R01, R23, R29, R37, DP1, P01, P42, PN1, R03, R15, R21, R22, R23, R33, R34, R35, R36, R37, R55, R56, UC1, UC7, U01, and U19 mechanisms





# COMPETING AND NON-COMPETING RESEARCH PROJECT GRANTS TO FIRST TIME AND EXPERIENCED INVESTIGATORS

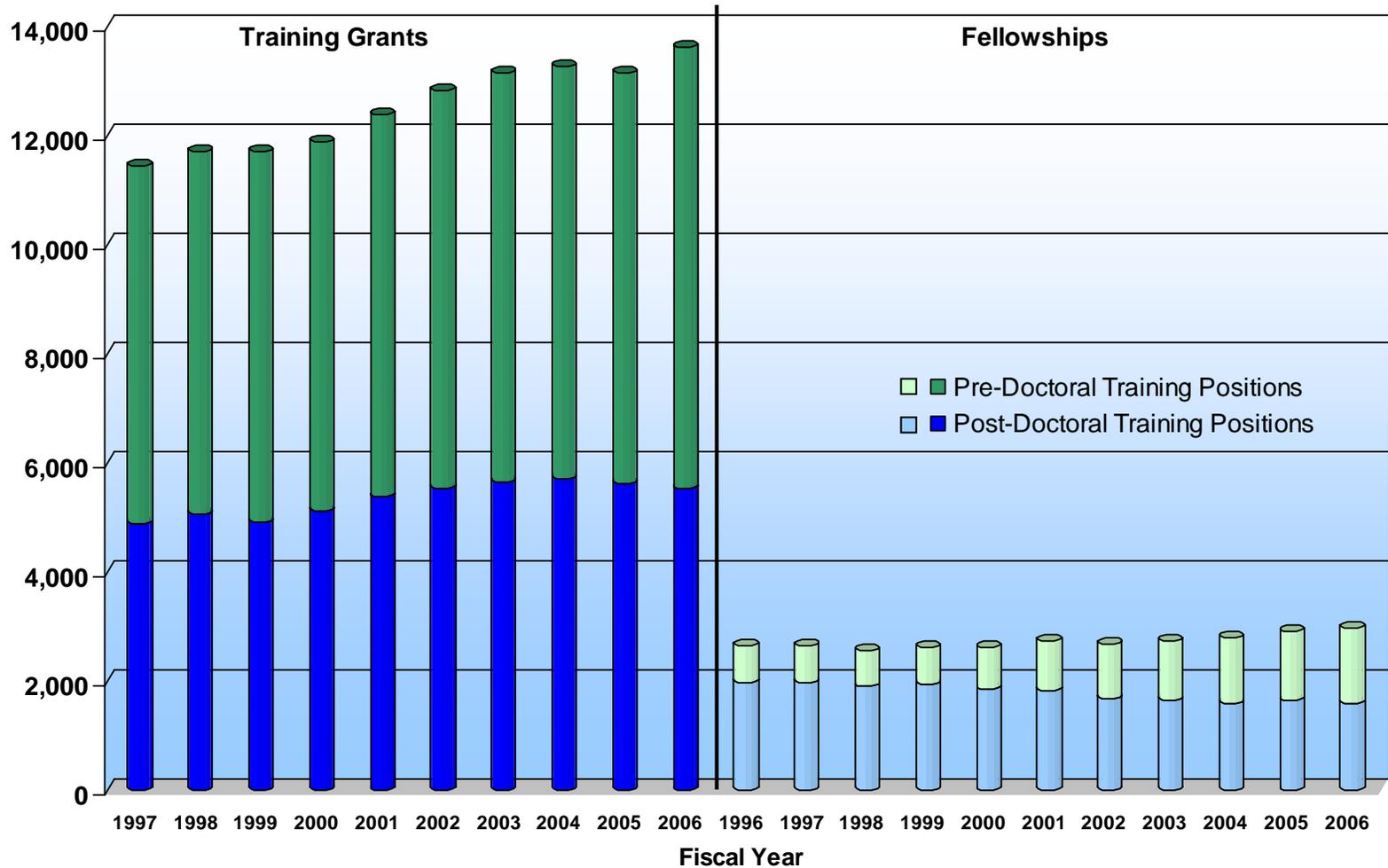


- Competing Grants to First Time Investigators
- Competing Grants to Experienced Investigators
- Non-Competing Grants



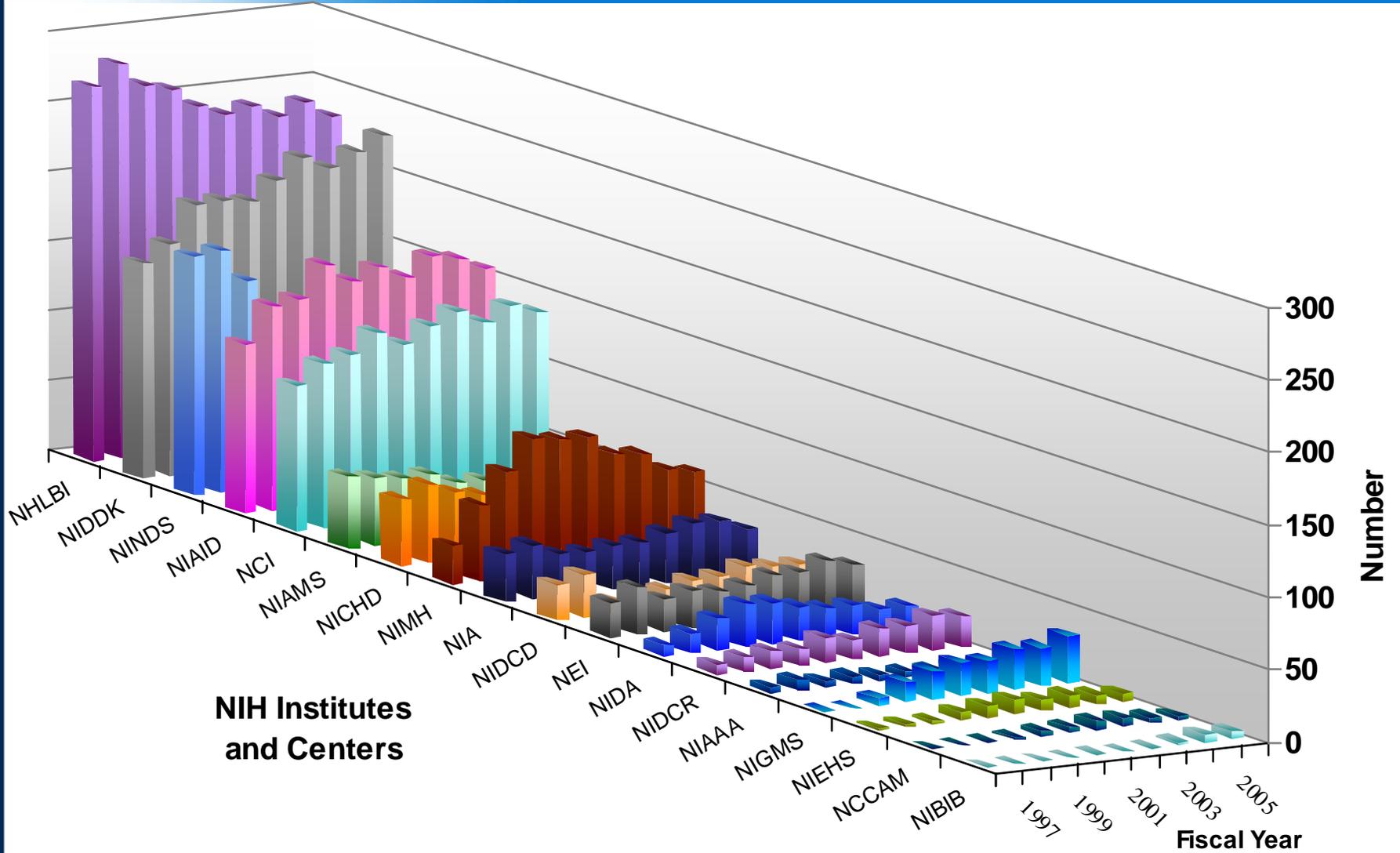


# PRE-DOCTORAL AND POST-DOCTORAL POSITIONS ON KIRSCHSTEIN-NRSA TRAINING GRANTS AND FELLOWSHIPS



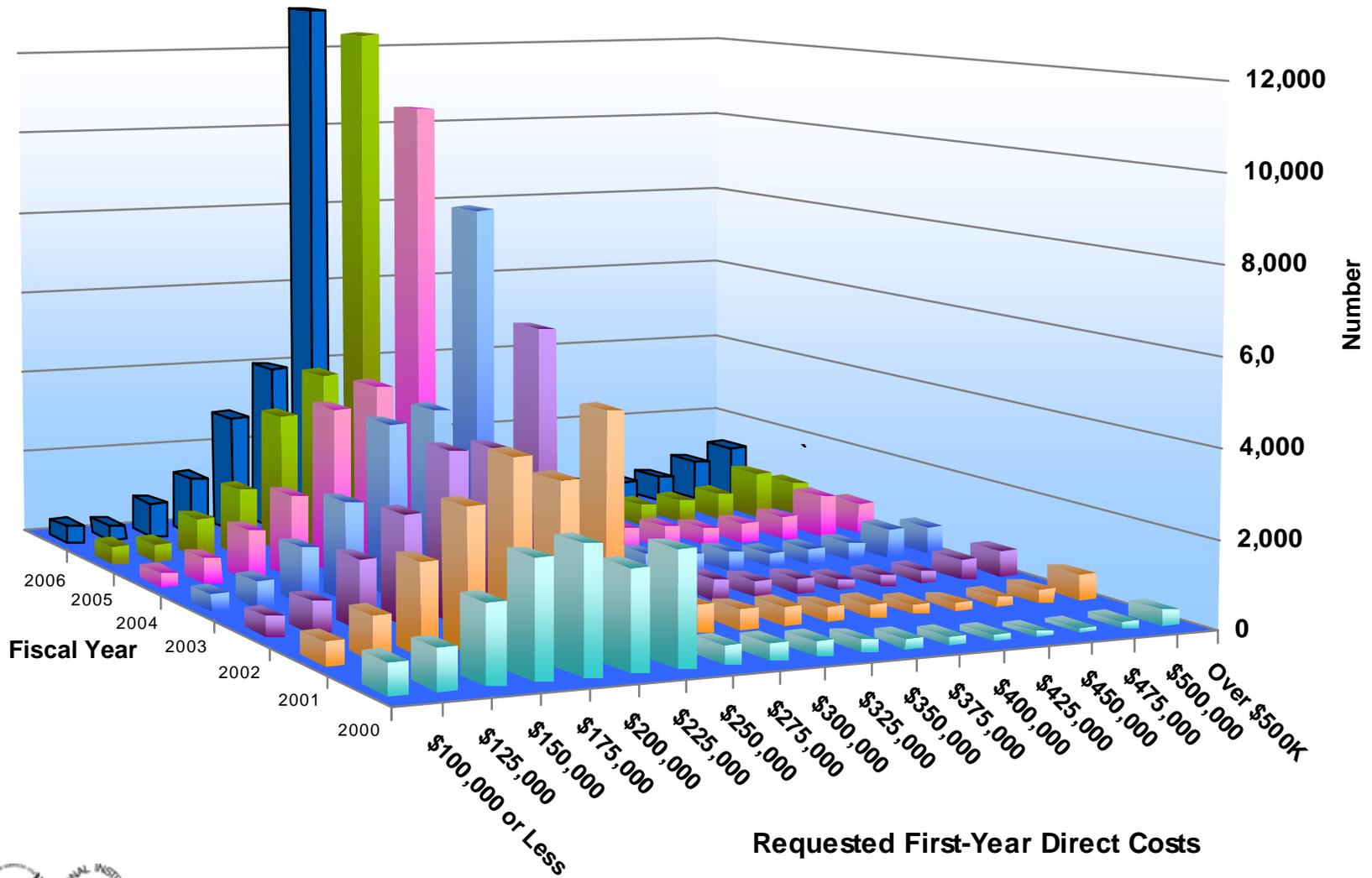


# TRENDS IN NUMBER OF NIH K08 AWARDS BY INSTITUTE OR CENTER



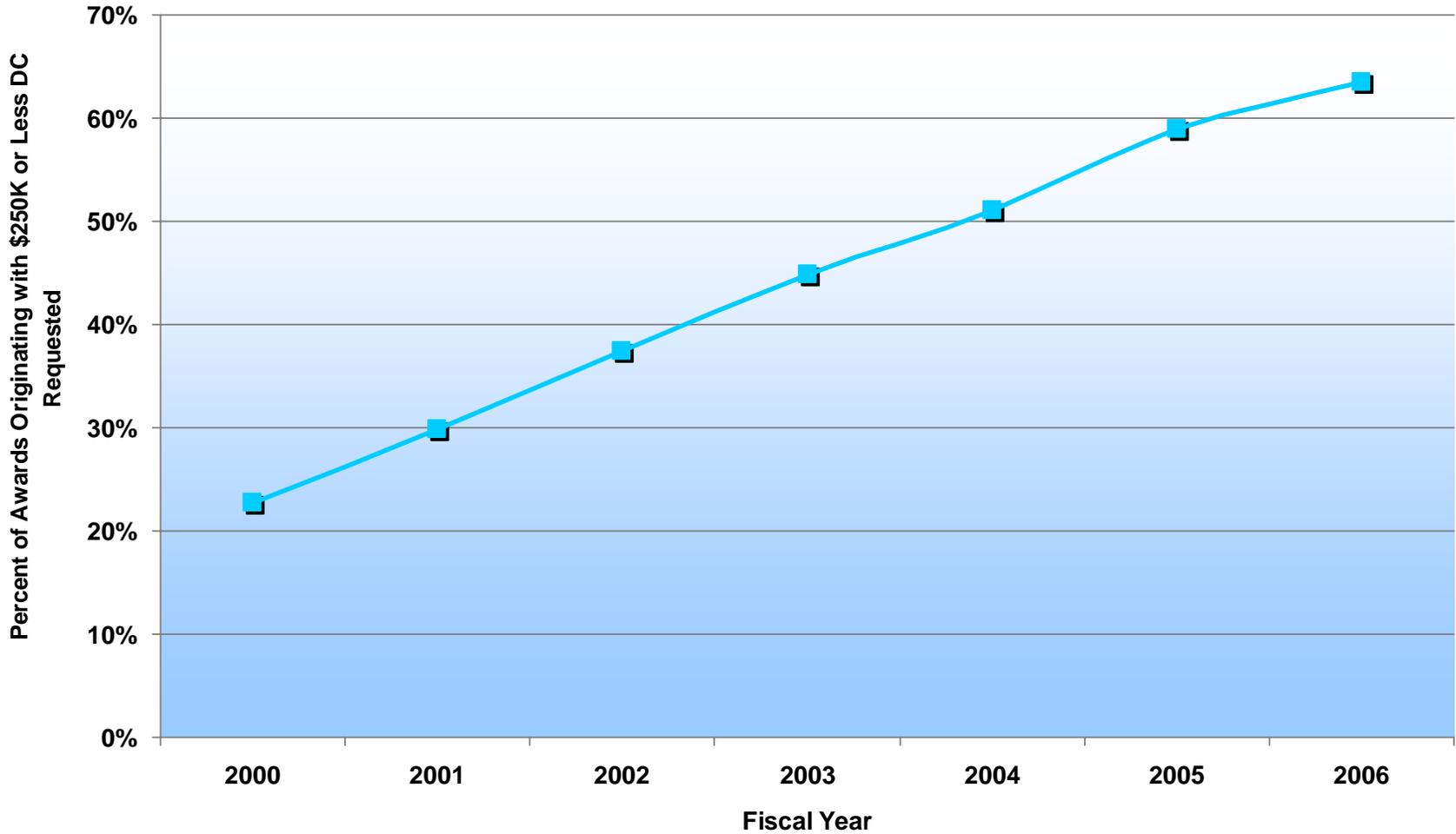


# DISTRIBUTION OF REQUESTED FIRST-YEAR DIRECT COSTS, COMPETING R01 APPLICATIONS





# PERCENTAGE OF AWARDED COMPETING R01 APPLICATIONS REQUESTING \$250K IN DIRECT COSTS





- Major enhancements to our existing web site
- Allows users to have one-stop shopping to find reports about extramural data
- Easier to navigate and find reports
- Tools which allow user to customize report types
- Most frequently requested reports
- Reports will have readily accessible powerpoint slides, excel worksheets, annotations, sources and definitions associated with them
- Links to other important sources of data





REPORTS

FREQUENTLY REQUESTED REPORTS

QVR

nVISION

GLOSSARY

FAQS

LINKS

REQUEST REPORT

**QUICK LINKS**

[FY 2008 President's Budget Request](#)

[Data on New Investigators](#)

[Success Rates](#)

[Research Grant Award Data](#)

[NIH Extramural Awards By State and Foreign Site](#)

[NIH Extramural Awards by State and Congressional District](#)

[Training and Career Awards](#)

[Estimates of Funding for Various Diseases, Conditions, Research Areas](#)

[Current Operating Year NIH Budget, Fiscal Year 2007](#)

[NIH Roadmap for Medical Research](#)

[Find Research on a Specific Disease or Condition](#)



## REPORTS, DATA AND ANALYSES OF NIH EXTRAMURAL RESEARCH AND DEVELOPMENT ACTIVITIES

[Statistics on NIH Extramural Research and Research Training Grants](#)

[Research Grant Applications and Awards](#)

[Research Project Grants \(RPGs\)](#)

[R01s and R01-equivalent grants](#)

[Research Centers](#)

[SBIR/STTR](#)

[Academic Research Enhancement Awards \(AREA\)](#)

[Research Supplements to Promote Diversity](#)

[Award Data for Individual Organizations](#)

[Success Rates](#)

[Success Rate Pivot Table](#)

**PIVOT TABLE SAMPLE**

[Investigators](#)

[New Investigators](#)

[Women in the Biomedical Science Workforce](#)

**PRESENTATION SAMPLE**

[Sex/Gender in the Biomedical Science Workforce](#)

[Research Career Awards, Fellowships, and Traineeships](#)

[Institute and Center \(IC\) Funding Statistics](#)

[The NIH Budget](#)

[Budget Tables for Current Fiscal Year, FY 2007](#)

[Congressional Justification for President's Budget Request, FY 2008](#)

[Appropriations History](#)

[Spending History by Institute/Center](#)

[NIH Roadmap for Medical Research](#)

[NIH Roadmap Initiatives](#)

[Fact Sheet](#)

[Frequently Asked Questions](#)

[Funding for Specific Research Areas, Conditions, and Diseases](#)

[Searchable Databases](#)

[CRISP \(Computer Retrieval of Information on Scientific Projects\)](#)

[Query View Reporting System \(QVR\)](#)



# Timeline for Upgraded OER Reporting Website

- May Selected Users from OER, OD and ICs
- July Goes Live for NIH staff
- January Goes live for the public

