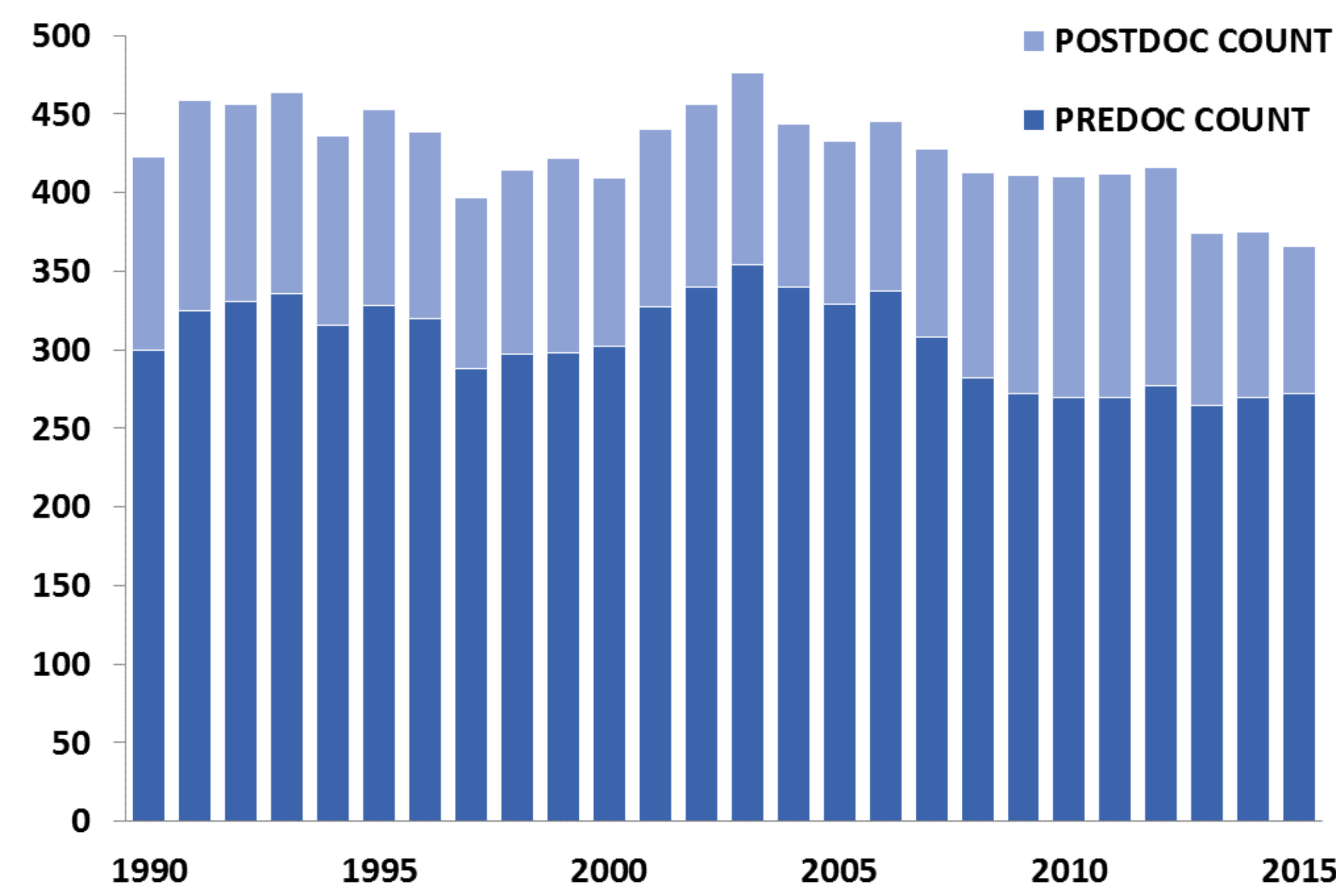


Using CareerTrac to Evaluate NIEHS T32 Training Program Outcomes

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National Institute of Environmental Health Sciences, Division of Extramural Research and Training

T32 Trainees
6,477 trainees at 65 institutions over 30 years

NIEHS Supports ~350-450 Trainees per year on the T32 Program



T32 Trainees Come from Many U.S. Institutions

Institution	Pre-docs	Post-docs	Total
UNIVERSITY OF MICHIGAN	55	26	81
CORNELL UNIVERSITY	27	24	51
UNIVERSITY OF ARIZONA	25	26	51
UNIVERSITY OF CINCINNATI	23	28	51
UNIVERSITY OF ROCHESTER	23	27	50
UNIVERSITY OF WASHINGTON	29	20	49
MICHIGAN STATE UNIVERSITY	25	22	47
EMORY UNIVERSITY	21	25	46
JOHNS HOPKINS UNIVERSITY	25	20	45
COLUMBIA UNIVERSITY	22	22	44
HARVARD SCHOOL OF PUBLIC HEALTH	15	29	44
NORTH CAROLINA STATE UNIVERSITY	22	22	44
UNIVERSITY OF WISCONSIN-MADISON	18	25	43
BOSTON UNIVERSITY	31	10	41
RUTGERS UNIVERSITY	21	16	37

- The top 15 institutions represent <10% of the degrees reported
- The PreDoc and PostDoc pipelines are different



In-training Research

Common words from >3,000 project titles (created with wordclouds.com)

Evolution of research topics studied since 1975

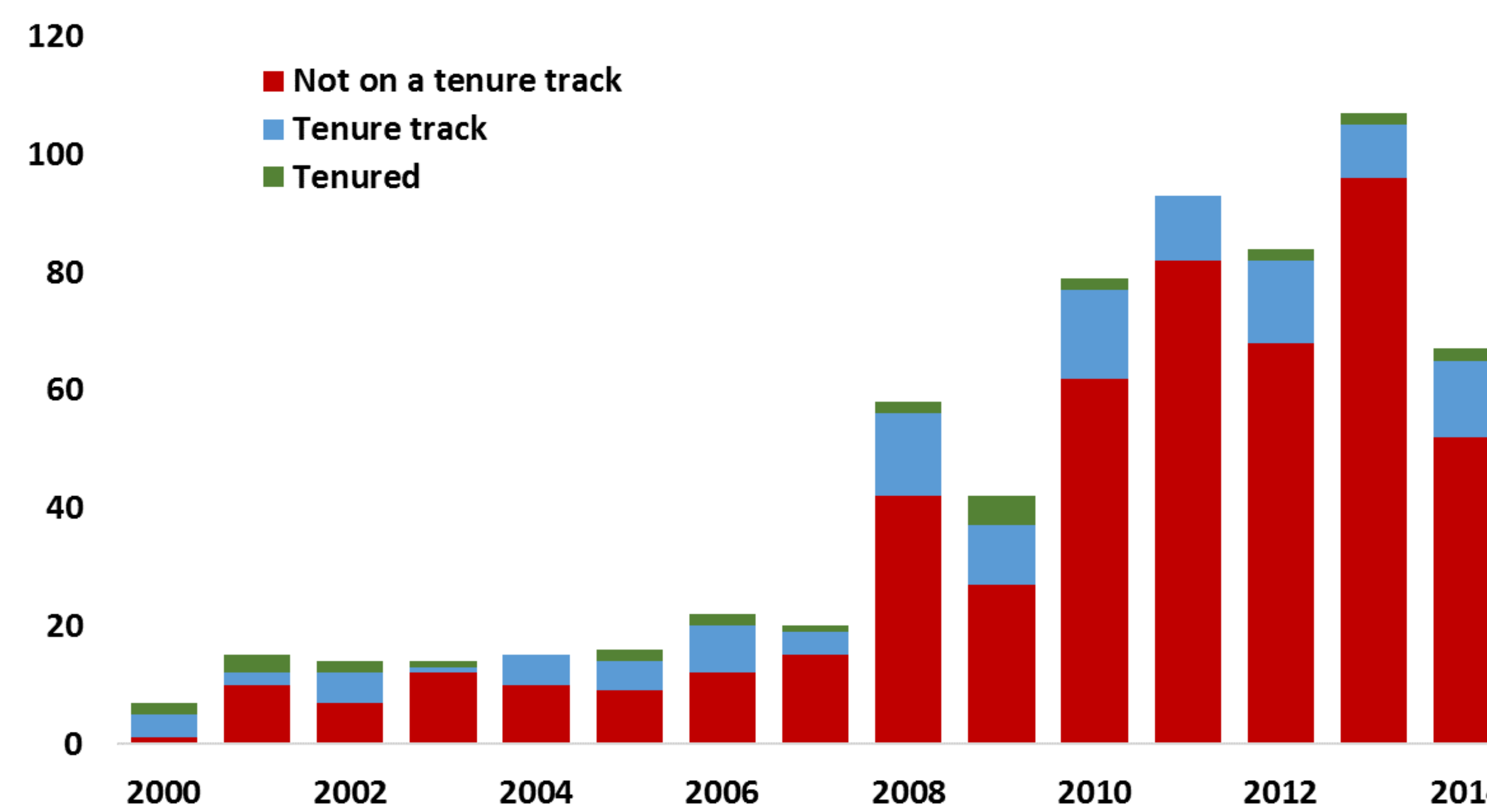


Pre-training Degrees

4,954 previous degrees for 3,036 trainees since 1975

The proportion of academic jobs reported with tenure or as tenure track has decreased

653 academic positions reported for trainees starting employment between 2000 and 2014

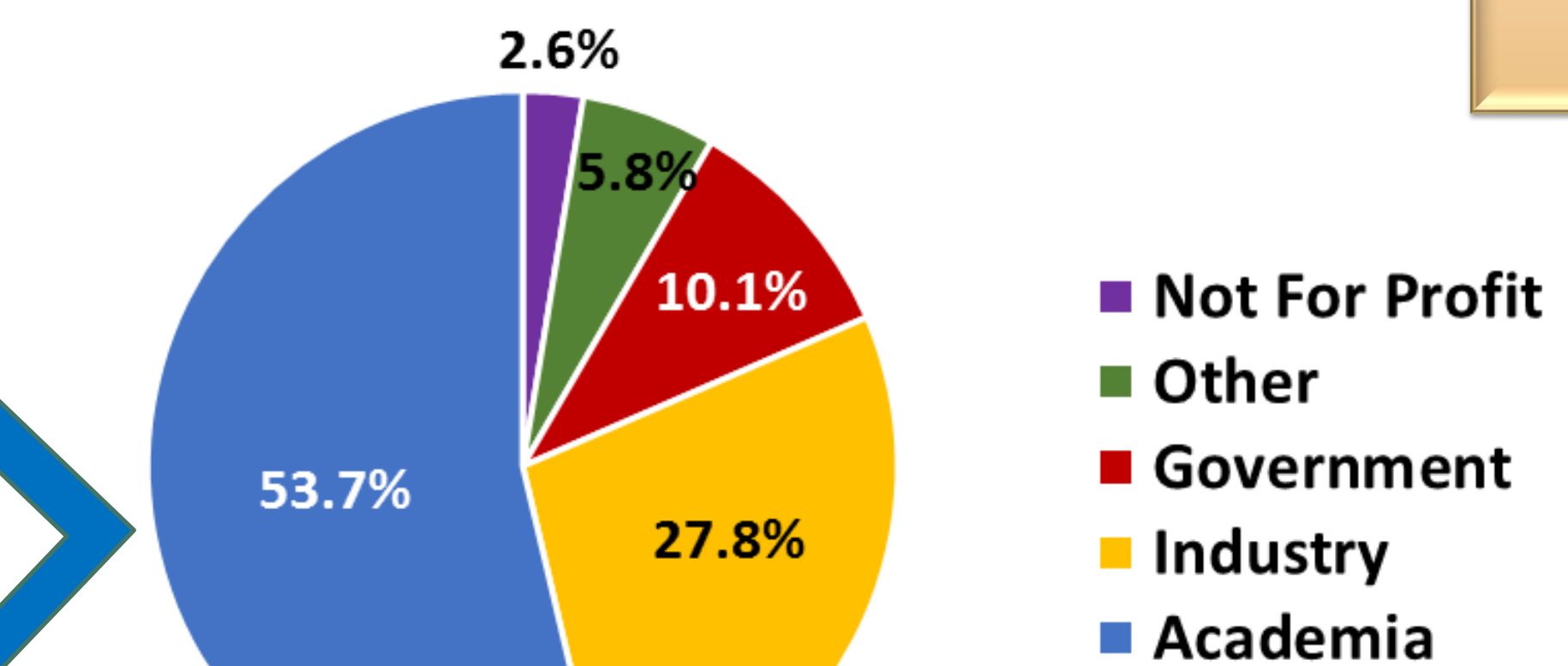


Tenure and tenure track positions in academia are decreasing.

Trainees obtain jobs in all different employment sectors and emphases

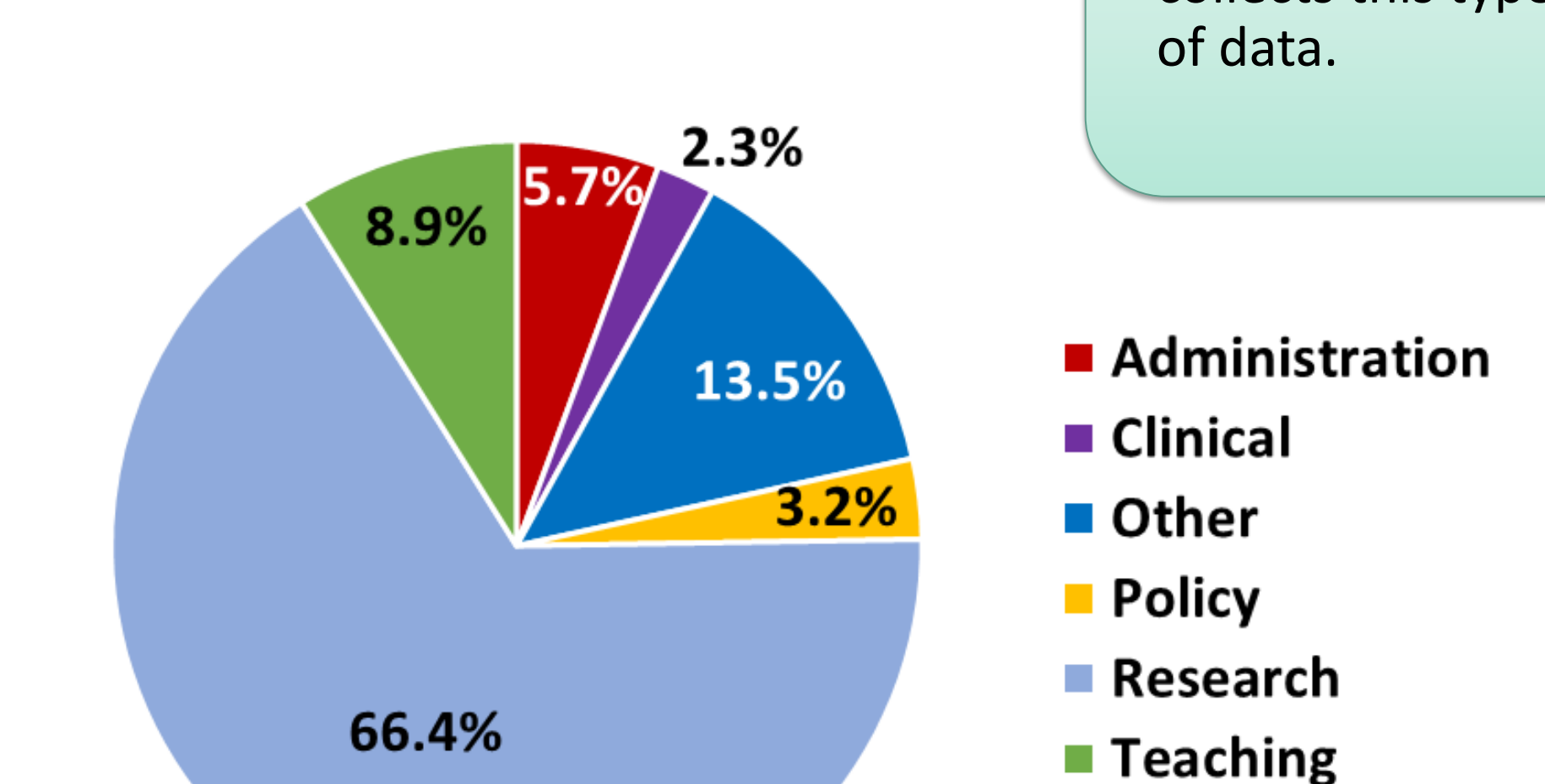
Most Recent Job Sector

1450 positions included between 1979 and 2016



Most Recent Job Emphasis

1370 positions included between 1979 and 2016



Honors and Awards

566 Recorded
30 during Pre-Training
252 during In-Training
284 during Post-Training

Publications
10,948 publications between 1976-2016

Career Highlights
113 Highlights Recorded

The Next Generation
22 T32 alumni became PIs of T32 grants

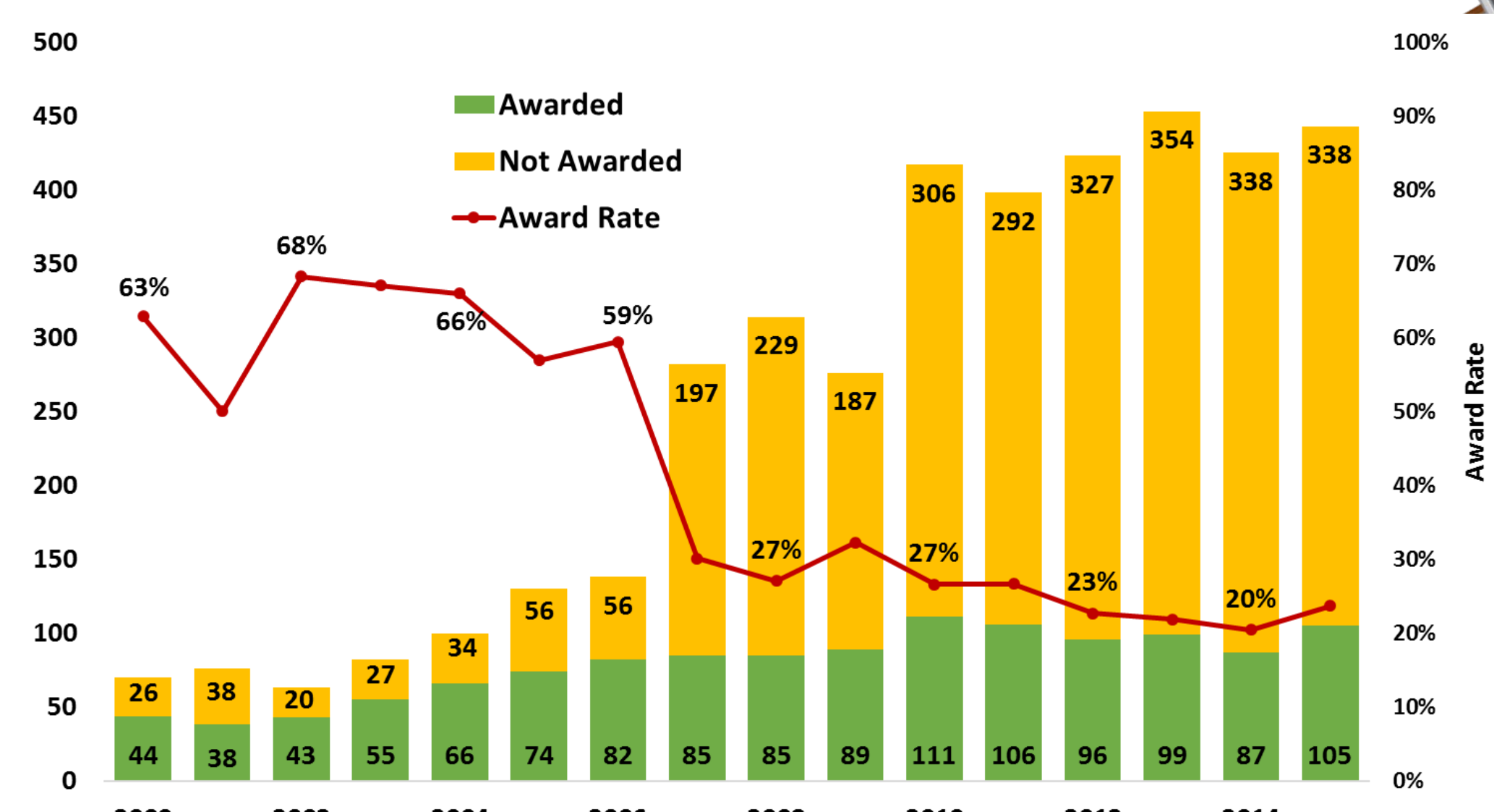
NIH Grants

5,755 grant applications from 1,556 trainees (Since 1990)



T32 alumni continue to apply for NIH grants

Award status of applications submitted 2000-2015

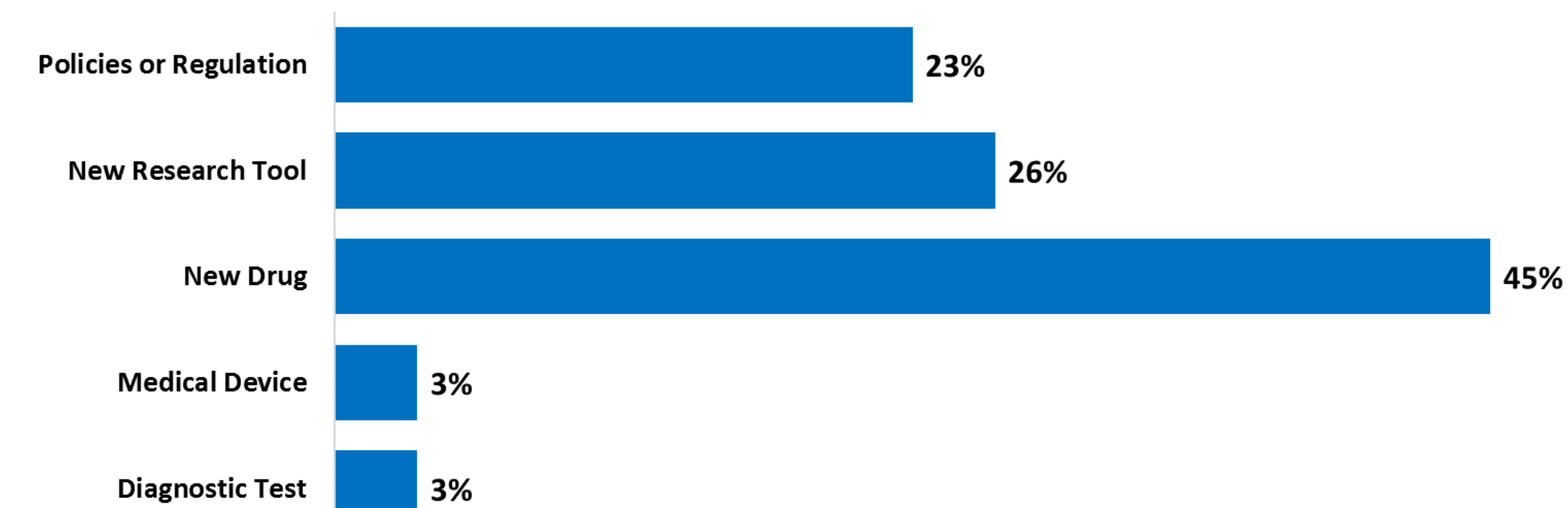


T32 alumni receive awards from many NIH Institutes

Environmental Health Sciences	482
Cancer	254
General Medical	140
Heart, Lung, Blood	123
Diabetes, Digestive, & Kidney	105
Allegry & Infectious Disease	62
Neurological Disorders & Stroke	60
Child Health & Human Development	54
Aging	49
Occupational Safety & Health	49
Alcohol Abuse & Alcoholism	33
Drug Abuse	33
Research Resources	26
Arthritis & Musculoskeletal	23
Mental Health	21

Products and Policies
49 Recorded, including 25 patents

Percentage of Products or Policies Recorded for Trainees



Employment

2,758 positions for 2,185 trainees

