

Starting Salary Survey of the 2005–2006 Doctoral Recipients

The starting salary figures for 2006 were compiled from information gathered on the EENDR questionnaires sent to individuals who received doctoral degrees in the mathematical sciences during the 2005–2006 academic year from universities in the United States (see previous section for more details).

The questionnaires were distributed to 1,209 recipients of degrees using addresses provided by the departments granting the degrees; 660 individuals responded between late October and April. Responses with insufficient data or from individuals who indicated they had part-time or non-U.S. employment were excluded. Numbers of usable responses for each salary category are reported in the following tables.

Readers should be warned that the data in this report are obtained from a self-selected sample, and inferences from them may not be representative of the population.

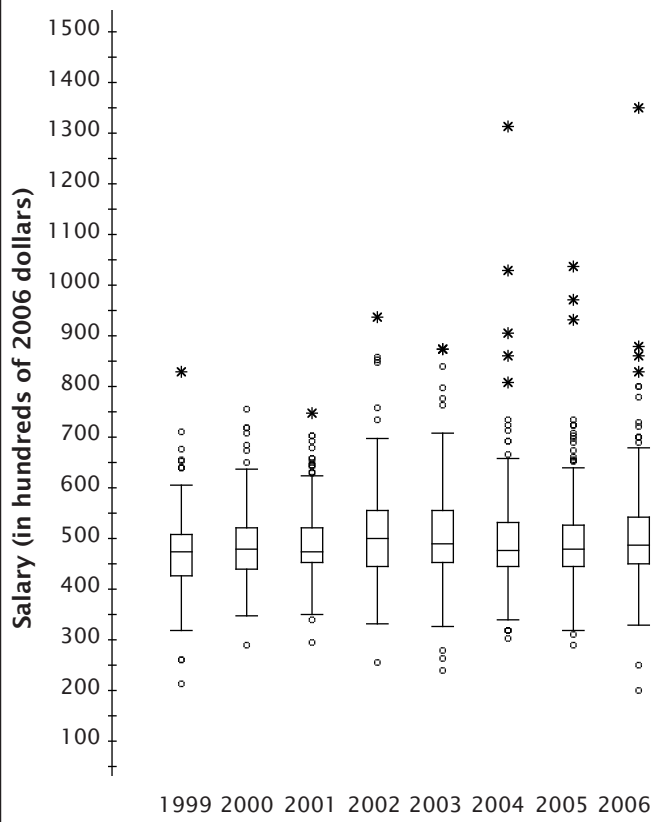
Key to Tables and Graphs. Salaries are those reported for the fall immediately following the survey cycle. Years listed denote the survey cycle in which the doctorate was received: for example: survey cycle July 1, 2005–June 30, 2006, is designated as 2006. Salaries reported as 9–10 months exclude stipends for summer grants or summer teaching or the equivalent. M and F are male and female respectively. Male and female figures are not provided when the number of salaries available for analysis in a particular category was five or fewer. All categories of “Teaching/Teaching and Research” and “Research Only” contain those recipients employed at academic institutions only.

Graphs. The graphs show standard boxplots summarizing salary distribution information for the years 1999 through 2006. Values plotted for 1999 through 2005 are converted to 2006 dollars using the implicit price deflator prepared annually by the Bureau of Economic Analysis, U.S. Department of Commerce. These categories are based on work activities reported in EENDR. Salaries of postdoctorates are shown separately. They are also included in other academic categories with matching work activities.

For each boxplot the box shows the first quartile (Q1), the median (M), and the third quartile (Q3). The interquartile range (IQR) is defined as $Q3 - Q1$. Think of constructing invisible fences $1.5 \times \text{IQR}$ below Q1 and $1.5 \times \text{IQR}$ above Q3. Whiskers are drawn from Q3 to the largest observation that falls below the upper invisible fence and from Q1 to the smallest observation that falls above the lower invisible fence. Think of constructing two more invisible fences, each falling $1.5 \times \text{IQR}$ above or below the existing invisible fences. Any observation that falls between the fences on each end of the boxplots is called an outlier and is plotted as \circ in the boxplots. Any observation that falls outside of both fences either above or below the box in the boxplot is called an extreme outlier and is marked as $*$ in the boxplot.

**Academic Teaching/Teaching and Research
9-10-Month Starting Salaries*
(in hundreds of dollars)**

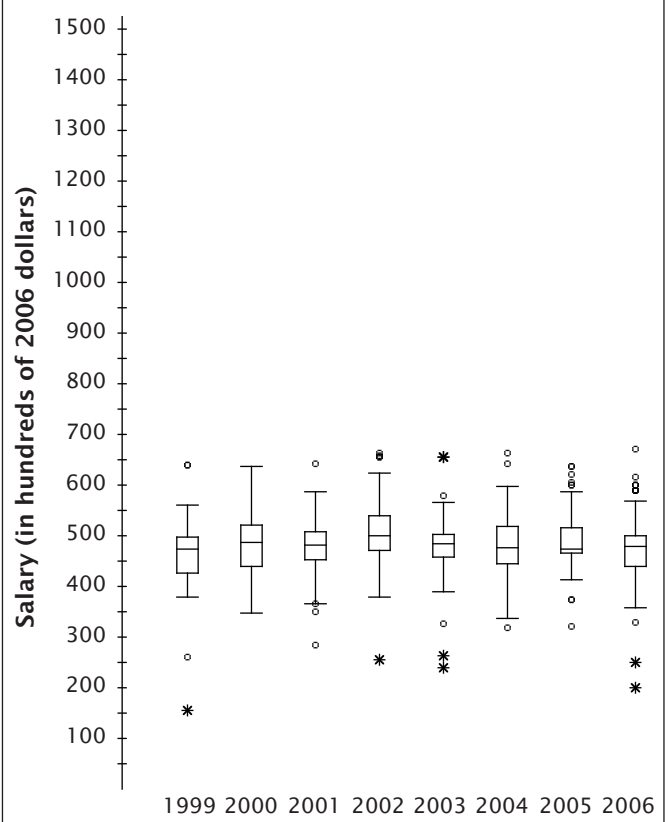
Ph.D. Year	Min	Q ₁	Median	Q ₃	Max	Reported Median in 2006 \$
1980	105	155	171	185	250	367
1985	170	230	250	270	380	416
1990	230	305	320	350	710	455
1995	220	320	350	382	640	441
1998*	140	340	370	410	700	445
1999	180	360	400	430	700	474
2000	250	380	415	450	650	482
2001	259	400	420	461	660	476
2002	230	400	450	500	840	501
2003	220	415	450	510	920	491
2004	285	420	450	500	1234	477
2005	280	430	465	506	1002	479
2006	200	450	490	550	1350	490
2002 M	230	420	450	500	840	
2002 F	300	400	441	498	610	
2003 M	220	420	450	509	855	
2003 F	359	414	444	512	920	
2004 M	285	420	450	490	850	
2004 F	300	421	450	500	1234	
2005 M	300	430	465	510	710	
2005 F	280	430	467	501	1002	
Total (193 male/78 female)						
2006 M	200	450	499	550	880	
2006 F	270	450	480	520	1350	
One year or less experience (167 male/64 female)						
2006 M	200	450	495	550	880	
2006 F	330	449	480	525	1350	



* Postdoctoral salaries are included from 1998 forward.

**Academic Postdoctorates Only*
9-10-Month Starting Salaries
(in hundreds of dollars)**

Ph.D. Year	Min	Q ₁	Median	Q ₃	Max	Reported Median in 2006 \$
1997	180	350	385	410	450	468
1998	290	350	390	420	500	469
1999	130	365	400	418	540	474
2000	300	385	420	450	550	487
2001	250	400	425	450	566	482
2002	230	425	450	487	595	501
2003	240	420	450	480	600	491
2004	300	420	450	490	625	477
2005	310	450	460	500	615	473
2006	200	441	480	500	670	480
2002 M	230	425	450	488	595	
2002 F	380	430	450	485	589	
2003 M	240	420	450	485	600	
2003 F	359	408	449	459	510	
2004 M	300	420	450	480	625	
2004 F	400	440	470	500	606	
2005 M	310	450	470	500	615	
2005 F	400	437	450	471	500	
Total (71 male/22 female)						
2006 M	200	450	483	523	670	
2006 F	330	413	464	500	590	
One year or less experience (67 male/20 female)						
2006 M	200	448	472	520	670	
2006 F	330	418	479	500	590	



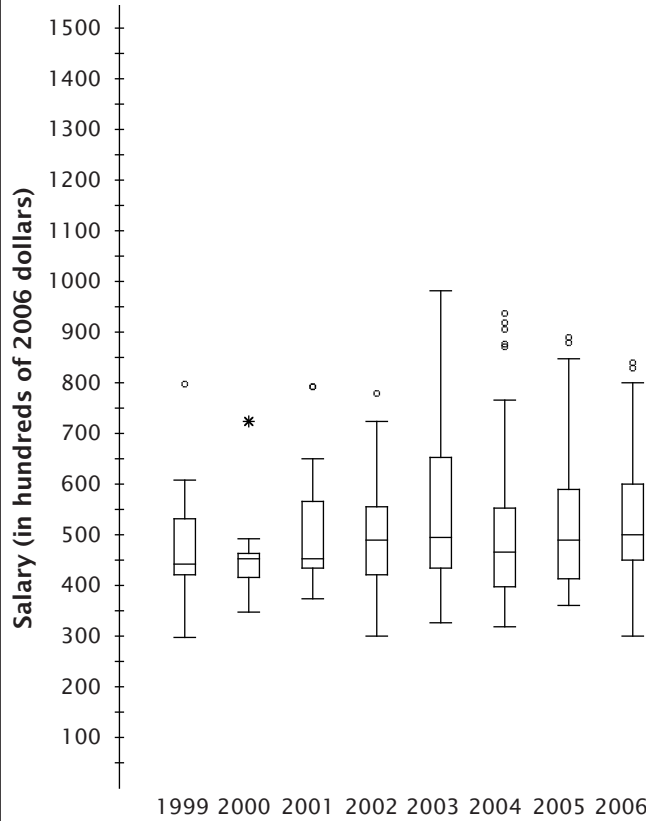
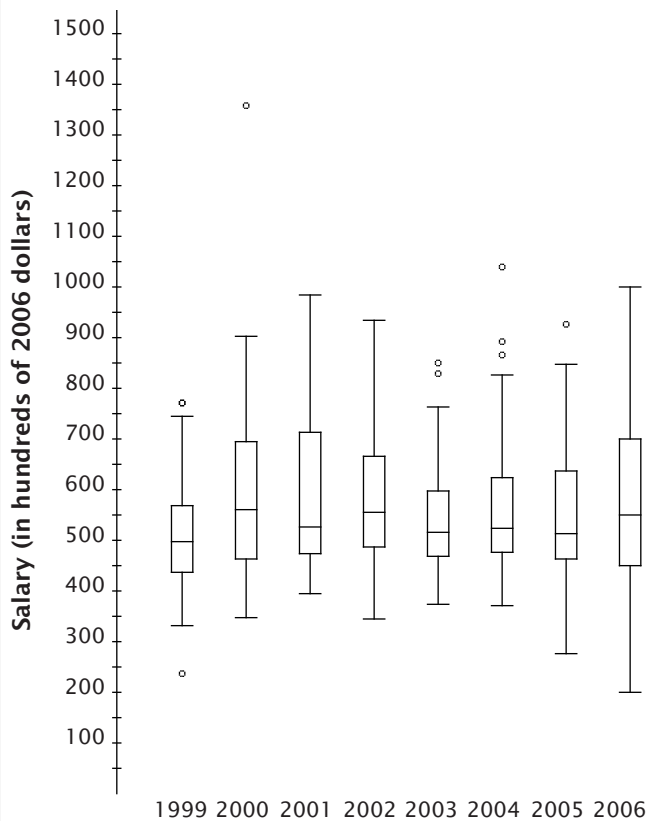
* A postdoctoral appointment is a temporary position primarily intended to provide an opportunity to extend graduate training or to further research experience.

**Academic Teaching/Teaching and Research
11-12-Month Starting Salaries*
(in hundreds of dollars)**

**Academic Research Only
11-12-Month Starting Salaries
(in hundreds of dollars)**

Ph.D. Year	Min	Q ₁	Median	Q ₃	Max	Reported Median in 2006 \$
1985	220	230	273	300	470	454
1990	225	318	365	404	670	519
1995	300	354	410	478	600	517
1998*	275	405	480	575	700	577
1999	200	374	420	469	650	498
2000	300	400	485	600	1170	563
2001	350	420	465	615	870	527
2002	310	439	500	597	840	557
2003	345	438	475	550	780	518
2004	350	450	495	583	980	525
2005	270	450	500	615	900	515
2006	200	450	550	700	1000	550
2002 M	310	420	485	595	840	
2002 F	400	453	500	558	700	
2003 M	397	440	490	555	780	
2003 F	345	400	440	513	620	
2004 M	350	448	487	533	980	
2004 F	380	465	545	605	650	
2005 M	270	455	490	549	900	
2005 F	420	450	570	753	824	
Total (44 male/13 female)						
2006 M	300	450	535	685	900	
2006 F	200	520	600	850	1000	
One year or less experience (39 male/12 female)						
2006 M	300	450	530	655	900	
2006 F	400	535	650	850	1000	

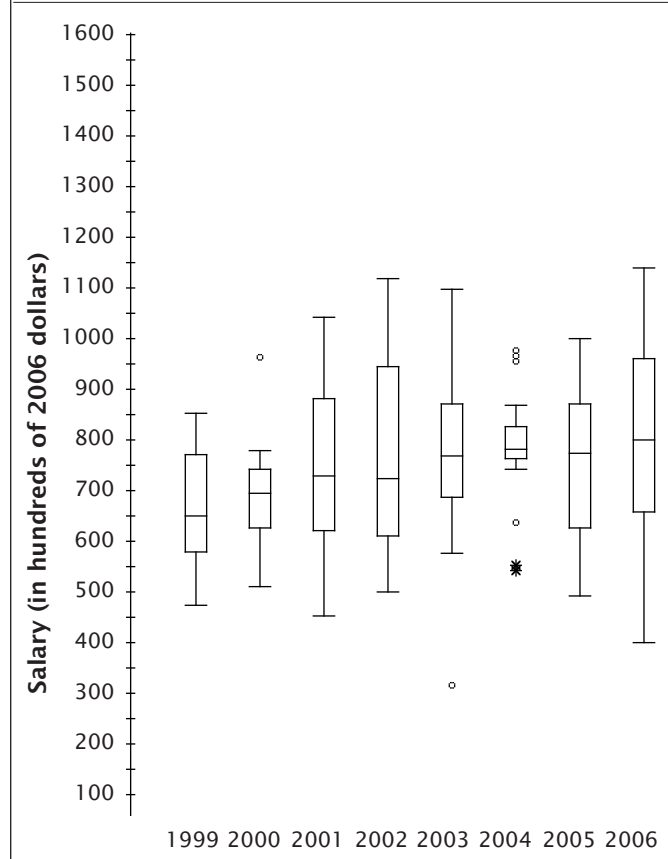
Ph.D. Year	Min	Q ₁	Median	Q ₃	Max	Reported Median in 2006 \$
1997	190	300	350	400	600	426
1998	200	333	360	428	617	433
1999	270	380	400	480	720	474
2000	300	365	400	529	1000	464
2001	300	350	400	575	796	453
2002	270	380	440	500	700	490
2003	300	405	455	600	900	496
2004	300	378	440	510	880	467
2005	350	400	475	570	860	489
2006	300	450	500	600	840	500
2002 M	270	384	440	495	650	
2002 F	310	350	440	505	700	
2003 M	300	410	440	505	820	
2003 F	310	390	480	650	900	
2004 M	300	380	440	560	880	
2004 F	350	378	430	493	820	
2005 M	350	420	480	580	860	
2005 F	350	400	475	529	850	
Total (30 male/15 female)						
2006 M	350	450	500	600	830	
2006 F	300	455	540	680	840	
One year or less experience (24 male/13 female)						
2006 M	360	465	500	575	830	
2006 F	300	445	510	600	840	



* Postdoctoral salaries are included from 1998 forward.

Government
11-12-Month Starting Salaries
 (in hundreds of dollars)

Ph.D. Year	Min	Q ₁	Median	Q ₃	Max	Reported Median in 2006 \$
1985	263	294	325	381	440	541
1990	320	345	378	430	587	538
1995	370	440	494	507	650	622
1998	320	475	540	736	1250	650
1999	400	495	550	651	720	652
2000	440	540	600	640	830	696
2001	400	580	644	758	920	730
2002	450	551	650	775	1005	724
2003	290	668	705	763	1008	769
2004	510	720	738	780	920	783
2005	480	610	752	848	972	774
2006	400	678	800	961	1140	800
2002 M	450	551	642	725	1005	
2002 F	540	600	700	850	880	
2003 M	290	648	710	788	830	
2003 F	600	683	695	723	1008	
2004 M	520	700	730	740	910	
2004 F	510	733	749	790	920	
2005 M	500	668	790	902	955	
2005 F	480	540	750	770	972	
Total (18 male/8 female)						
2006 M	500	660	800	960	1000	
2006 F	400	775	790	1043	1140	
One year or less experience (16 male/8 female)						
2006 M	500	638	790	960	1000	
2006 F	400	775	790	1043	1140	



Business and Industry
11-12-Month Starting Salaries
 (in hundreds of dollars)

Ph.D. Year	Min	Q ₁	Median	Q ₃	Max	Reported Median in 2006 \$
1985	260	360	400	420	493	666
1990	320	438	495	533	700	704
1995	288	480	568	690	1250	716
1998	240	550	650	750	2250	782
1999	360	600	680	761	2450	806
2000	200	640	720	800	1500	835
2001	475	716	770	865	1850	873
2002	325	734	780	850	1400	869
2003	300	700	800	900	1250	872
2004	400	728	817	900	1800	866
2005	510	755	870	978	2000	895
2006	340	800	900	1000	1550	900
2002 M	325	378	782	858	1100	
2002 F	600	713	768	838	1400	
2003 M	550	725	840	920	1250	
2003 F	300	628	780	816	900	
2004 M	400	710	813	900	1800	
2004 F	480	789	850	900	1100	
2005 M	510	760	930	1005	2000	
2005 F	600	745	860	890	1100	
Total (52 male/33 female)						
2006 M	340	750	890	1000	1450	
2006 F	500	850	900	960	1550	
One year or less experience (43 male/26 female)						
2006 M	340	775	880	1000	1450	
2006 F	500	828	900	948	1550	

