Remarks on US Unemployment Rate Calculations

In the unemployment calculations provided in this report, the individuals employed outside the US have been removed from the denominator used in the calculation of the rate, in addition to the routine removal of all individuals whose employment status is unknown. This is a change from Annual Survey Reports prior to 2009. As a consequence, the unemployment rate now being reported more accurately reflects the US labor market experienced by the new doctoral recipients. This change tends to increase the rate of unemployment over that reported in prior years.

Another small change from prior years is that, those individuals reported as not seeking employment have also been removed from the denominator. The number of individuals so designated is small each year, and the impact of this change is to produce a slight increase in the rate over that reported in prior years.

The unemployment rates for years prior to 2009 shown in this report have been recalculated using this method. One can view a comparison of the unemployment rates using the earlier method and the current method by visiting the AMS website at www.ams.org/annual-survey/surveyreports.html.

Departmental Groupings and Response Rates

Starting with reports on the 2012 AMS-ASA-IMS-MAA-SIAM Annual Survey of the Mathematical Sciences, the Joint Data Committee has implemented a new method for grouping the doctorate-granting mathematics departments. These departments are first grouped into those at public institutions and those at private institutions. These groups are further subdivided based on the size of their doctoral program as reflected in the average annual number of PhDs awarded between 2000 and 2010, based on their reports to the Annual Survey during this period. Furthermore, doctorate-granting departments which self-classify their PhD program as being in applied mathematics will join with the other applied mathematics departments previously in Group Va to form their own group. The former Group IV will be divided into two groups, one for departments in statistics and one for departments in biostatistics.

For further details on the change in the doctoral department groupings, see the article in the October 2012 issue of Notices of the AMS at www.ams.org/notices/201209/rtx120901262p.pdf.

Department Grouping Response Rates

<table>
<thead>
<tr>
<th>Department Grouping</th>
<th>Doctorates Granted</th>
<th>Departmental Response Rates by Grouping</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math Public Large</td>
<td>26 of 26 including</td>
<td>0 with no degrees</td>
</tr>
<tr>
<td>Math Public Medium</td>
<td>40 of 40 including</td>
<td>0 with no degrees</td>
</tr>
<tr>
<td>Math Public Small</td>
<td>62 of 64 including</td>
<td>8 with no degrees</td>
</tr>
<tr>
<td>Math Private Large</td>
<td>24 of 24 including</td>
<td>0 with no degrees</td>
</tr>
<tr>
<td>Math Private Small</td>
<td>28 of 29 including</td>
<td>1 with no degrees</td>
</tr>
<tr>
<td>Applied Math</td>
<td>30 of 30 including</td>
<td>2 with no degrees</td>
</tr>
<tr>
<td>Statistics</td>
<td>49 of 59 including</td>
<td>4 with no degrees</td>
</tr>
<tr>
<td>Biostatistics</td>
<td>33 of 46 including</td>
<td>4 with no degrees</td>
</tr>
<tr>
<td>Total</td>
<td>298 of 322 including</td>
<td>19 with no degrees</td>
</tr>
</tbody>
</table>

As of press time for this issue of Notices, the following departments had not responded to the survey. Therefore, any PhDs which may have been awarded by these departments are not included in this report.

Mathematics Departments

Yeshiva University

Statistics Departments

George Washington University
Michigan State University
North Carolina State University
Oklahoma State University
University of Arizona
University of California, Davis
University of California, Los Angeles
University of California, Santa Barbara
University of Virginia
Western Michigan University

Biostatistics Departments

Brown University
Columbia University
Georgia Southern University, College of Public Health
Saint Louis University College for Public Health & Social Justice
University of Cincinnati, Medical College
University of Colorado, Denver
University of Illinois at Chicago
University of Kentucky
University of Louisville
University of Oklahoma, Health Science Center
University of South Carolina
University of South Florida
Virginia Commonwealth University, Medical Center