# Statistics:
# 2011-12 Accreditation Cycle

## Actions Resulting from Program Reviews, 2011-12

|  | ASAC | CAC | EAC | ETAC | Total |
|---|---|---|---|---|---|
| **General Review** | 13 | 75 | 441 | 96 | 625 |
| **Interim Report** | 1 | 35 | 93 | 45 | 174 |
| **Interim Visit** | 0 | 8 | 7 | 10 | 25 |
| **Other** | 0 | 0 | 2 | 0 | 2 |

# Programs Visited by Curricular Area, Page 1*

| Program Area | ASAC | | | CAC | EAC | | ETAC | | All |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Associate | Bachelor's | Master's | Bachelor's | Bachelor's | Master's | Associate | Bachelor's | |
| Aerospace | – | – | – | – | 14 | – | – | – | 14 |
| Agricultural | – | – | – | – | 7 | 1 | – | – | 8 |
| Architectural | – | – | – | – | 3 | 1 | 2 | 1 | 7 |
| Bioengineering and Biomedical | – | – | – | – | 20 | – | – | 1 | 21 |
| Biological | – | – | – | – | 4 | – | – | – | 4 |
| Ceramic | – | – | – | – | 3 | – | – | – | 3 |
| Chemical | – | – | – | – | 41 | – | 1 | 2 | 44 |
| Civil | – | – | – | – | 50 | 1 | 9 | 5 | 65 |
| Computer | – | – | – | 2 | 53 | – | 3 | 6 | 64 |
| Computer Science | – | – | – | 57 | 1 | – | – | – | 58 |
| Construction | – | – | – | – | 2 | – | 2 | 8 | 12 |
| Drafting and Design (Mechanical) | – | – | – | – | – | – | 1 | 1 | 2 |
| Electrical | – | – | – | – | 69 | – | 16 | 15 | 100 |
| Engineering Mechanics | – | – | – | – | 1 | – | – | – | 1 |
| Engineering, Engineering Physics, and Engineering Science | – | – | – | – | 21 | – | – | 5 | 26 |
| Environmental | – | – | – | – | 15 | 1 | 1 | – | 17 |
| Fire Protection | – | – | – | – | 1 | – | – | – | 1 |
| General Criteria Only | 1 | 2 | – | 3 | 4 | 1 | 3 | 1 | 15 |
| Geological | – | – | – | – | 2 | – | – | – | 2 |
| Health Physics | – | – | 1 | – | – | – | – | – | 1 |
| Industrial | – | – | – | – | 25 | 1 | – | 3 | 29 |

*  Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.

# Programs Visited by Curricular Area, Page 2*

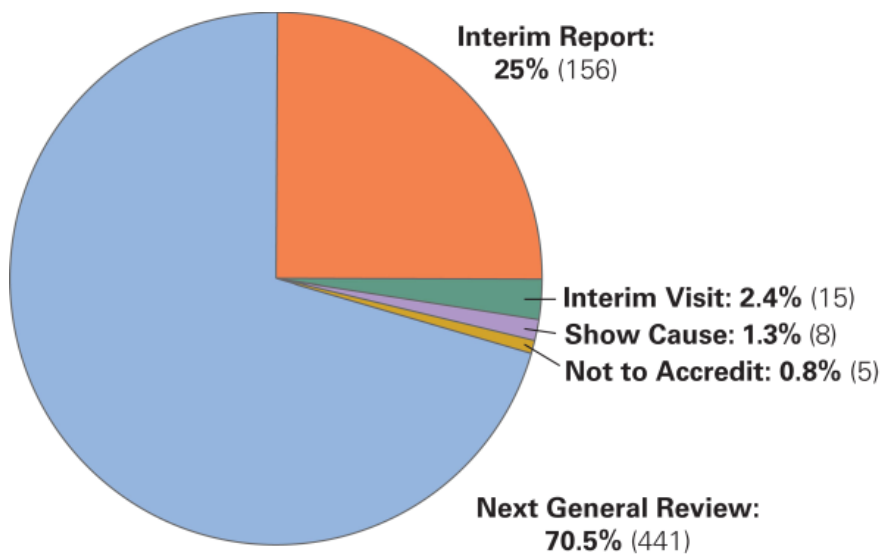| Program Area | ASAC | | | CAC | EAC | | ETAC | | All |
|---|---|---|---|---|---|---|---|---|---|
| | Associate | Bachelor's | Master's | Bachelor's | Bachelor's | Master's | Associate | Bachelor's | |
| Industrial Hygiene | – | – | 6 | – | – | – | – | – | 6 |
| Information | – | – | – | – | – | – | – | 1 | 1 |
| Information Systems | – | – | – | 13 | – | – | – | – | 13 |
| Information Technology | – | – | – | 9 | – | – | – | – | 9 |
| Instrumentation and Control Systems | – | – | – | – | – | – | 1 | 1 | 2 |
| Manufacturing | – | – | – | – | 3 | – | 2 | 1 | 6 |
| Materials | – | – | – | – | 12 | – | – | – | 12 |
| Mechanical | – | – | – | – | 64 | – | 9 | 13 | 86 |
| Metallurgical | – | – | – | – | 1 | – | – | – | 1 |
| Mining | – | – | – | – | 2 | – | – | – | 2 |
| Naval Architecture and Marine | – | – | – | – | 4 | – | – | – | 4 |
| Nuclear and Radiological | – | – | – | – | 3 | – | 1 | 1 | 5 |
| Petroleum | – | – | – | – | 5 | – | – | – | 5 |
| Safety | – | 1 | – | – | – | – | – | – | 1 |
| Software | – | – | – | – | 9 | – | – | – | 9 |
| Surveying and Geomatics | – | 2 | – | – | 3 | – | 1 | 2 | 8 |
| Systems | – | – | – | – | 3 | – | – | – | 3 |
| Telecommunications | – | – | – | – | 1 | 1 | 1 | 1 | 4 |
| Welding | – | – | – | – | 1 | – | – | – | 1 |
| TOTAL | 1 | 5 | 7 | 84 | 447 | 7 | 53 | 68 | 672 |

*  Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.

# Actions for General Reviews, 2011-12

| | ASAC | | CAC | | EAC | | ETAC | | All | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| **NGR** | 8 | 61.5% | 38 | 50.7% | 337 | 76.4% | 58 | 60.4% | 441 | 70.5% |
| **IR** | 4 | 30.8% | 22 | 29.3% | 92 | 20.9% | 38 | 39.6% | 156 | 25% |
| **IV** | 0 | 0% | 6 | 8% | 9 | 2% | 0 | 0% | 15 | 2.4% |
| **SC** | 1 | 7.7% | 5 | 6.7% | 2 | 0.5% | 0 | 0% | 8 | 1.3% |
| **NA** | 0 | 0% | 4 | 5.3% | 1 | 0.2% | 0 | 0% | 5 | 0.8% |

| LEGEND | |
|---|---|
| **NGR** | Next General Review |
| **IR** | Interim Report |
| **IV** | Interim Visit |
| **SC** | Show Cause |
| **NA** | Not to Accredit |

# Actions for General Reviews Across All Commissions, 2011-12



Interim Report: **25%** (156)

Interim Visit: **2.4%** (15)
Show Cause: **1.3%** (8)
Not to Accredit: **0.8%** (5)

Next General Review: **70.5%** (441)

# Programs Accredited by Curricular Area
## As of October 1, 2012, Page 1*

| Program Area | ASAC | | | CAC | EAC | | ETAC | | All |
|---|---|---|---|---|---|---|---|---|---|
| | Associate | Bachelor's | Master's | Bachelor's | Bachelor's | Master's | Associate | Bachelor's | |
| Aeronautical | – | – | – | – | – | – | 1 | 2 | 3 |
| Aerospace | – | – | – | – | 72 | 3 | – | – | 75 |
| Agricultural | – | – | – | – | 28 | 1 | – | – | 29 |
| Air Conditioning | – | – | – | – | – | – | 3 | – | 3 |
| Architectural | – | – | – | – | 19 | 1 | 16 | 6 | 42 |
| Automotive | – | – | – | – | – | – | – | 2 | 2 |
| Bioengineering and Biomedical | – | – | – | – | 83 | 2 | 3 | 9 | 97 |
| Biological | – | – | – | – | 27 | – | – | – | 27 |
| Ceramic | – | – | – | – | 4 | – | – | – | 4 |
| Chemical | – | – | – | – | 189 | 1 | 3 | 5 | 198 |
| Civil | – | – | – | – | 266 | 2 | 36 | 26 | 330 |
| Computer | – | – | – | 1 | 262 | 3 | 21 | 36 | 323 |
| Computer Science | – | – | – | 297 | 2 | – | – | – | 299 |
| Construction | – | – | – | – | 15 | 2 | 11 | 26 | 54 |
| Drafting and Design (General) | – | – | – | – | – | – | 3 | 1 | 4 |
| Drafting and Design (Mechanical) | – | – | – | – | – | – | 4 | 2 | 6 |
| Electrical | – | – | – | – | 370 | 4 | 95 | 104 | 573 |
| Electromechanical | – | – | – | – | – | – | 4 | 8 | 12 |
| Engineering Management | – | – | – | – | 15 | 1 | – | – | 16 |
| Engineering Mechanics | – | – | – | – | 5 | – | – | – | 5 |
| Engineering, Engineering Physics, and Engineering Science | – | – | – | 1 | 82 | – | 6 | 19 | 108 |
| Environmental | – | – | – | – | 68 | 5 | 4 | – | 77 |
| Environmental, Health, and Safety | – | 3 | – | – | – | – | – | – | 3 |
| Fire Protection | – | – | – | – | 1 | – | – | 2 | 3 |
| General Criteria Only | 2 | 4 | – | 14 | 40 | 1 | 15 | 15 | 91 |
| Geological | – | – | – | – | 16 | – | – | – | 16 |

*Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.*

# Programs Accredited by Curricular Area
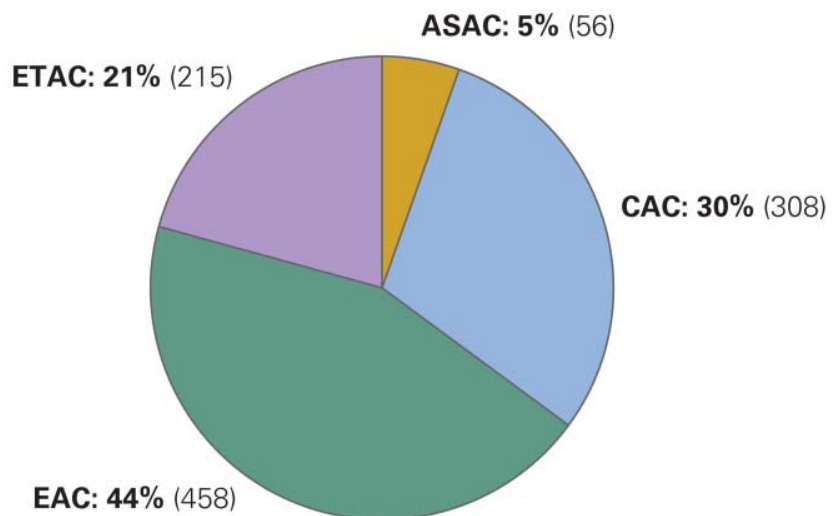## As of October 1, 2012, Page 2*

| Program Area | ASAC Associate | ASAC Bachelor's | ASAC Master's | CAC Bachelor's | EAC Bachelor's | EAC Master's | ETAC Associate | ETAC Bachelor's | All |
|---|---|---|---|---|---|---|---|---|---|
| Health Physics | – | 4 | 5 | – | – | – | – | – | 9 |
| Industrial | – | – | – | – | 124 | 3 | 6 | 11 | 144 |
| Industrial Hygiene | – | 6 | 28 | – | – | – | – | – | 34 |
| Information | – | – | – | – | – | – | – | 1 | 1 |
| Information Systems | – | – | – | 56 | – | – | – | – | 56 |
| Information Technology | – | – | – | 34 | – | – | – | – | 34 |
| Instrumentation and Control Systems | – | – | – | – | – | – | 4 | 3 | 7 |
| Manufacturing | – | – | – | – | 23 | 1 | 9 | 25 | 58 |
| Marine | – | – | – | – | – | – | – | 3 | 3 |
| Materials | – | – | – | – | 67 | – | – | – | 67 |
| Mechanical | – | – | – | – | 341 | 2 | 61 | 70 | 474 |
| Metallurgical | – | – | – | – | 10 | – | – | – | 10 |
| Mining | – | – | – | – | 17 | – | – | – | 17 |
| Naval Architecture and Marine | – | – | – | – | 12 | – | – | – | 12 |
| Nuclear and Radiological | – | – | – | – | 27 | 1 | 4 | 3 | 35 |
| Ocean | – | – | – | – | 11 | 1 | – | – | 12 |
| Optics | – | – | – | – | 5 | – | 1 | – | 6 |
| Petroleum | – | – | – | – | 25 | – | – | – | 25 |
| Safety | 1 | 9 | 2 | – | – | – | – | – | 12 |
| Software | – | – | – | – | 27 | – | – | – | 27 |
| Surveying and Geomatics | 1 | 11 | – | – | 7 | – | 9 | 5 | 33 |
| Systems | – | – | – | – | 23 | 3 | – | – | 26 |
| Telecommunications | – | – | – | – | 2 | 2 | 2 | 5 | 11 |
| Welding | – | – | – | – | 1 | – | – | 1 | 2 |
| TOTAL | 4 | 37 | 35 | 403 | 2,286 | 39 | 321 | 389 | 3,514 |

*Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.*
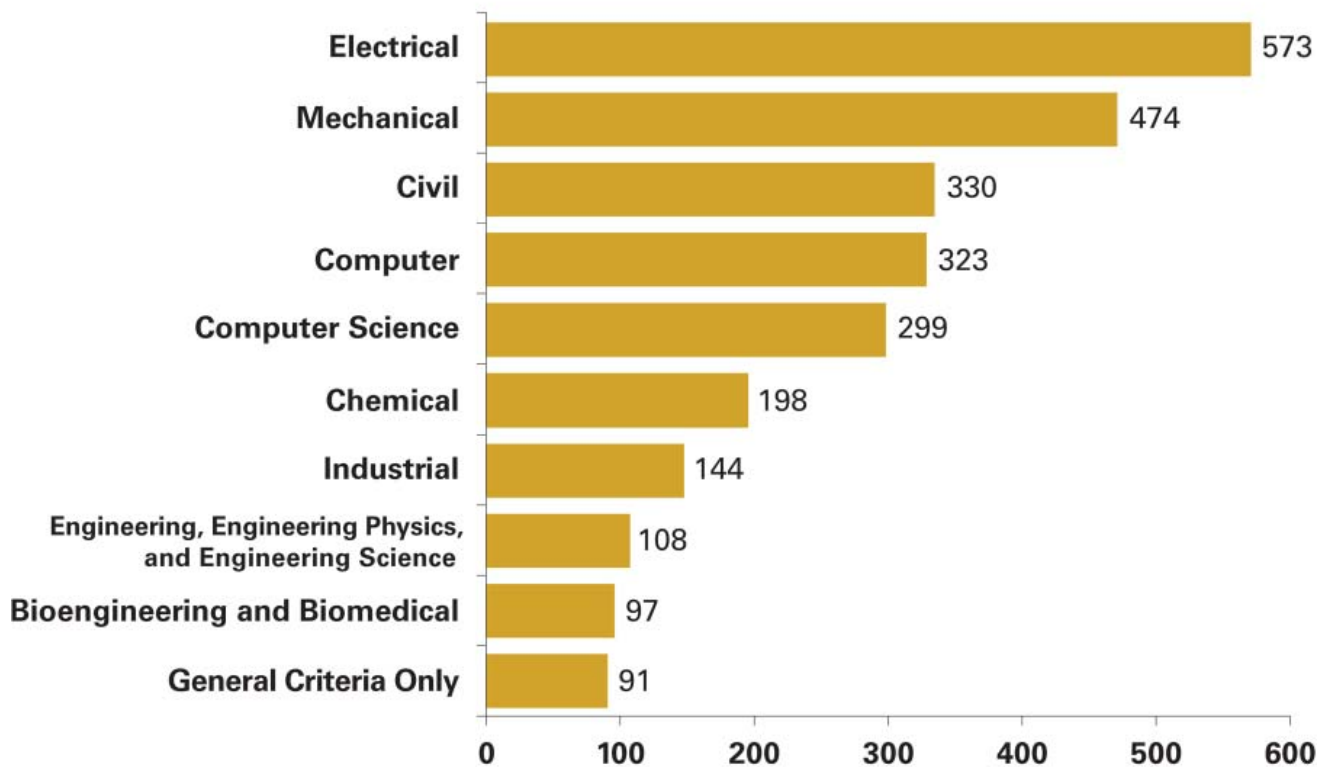
# Accredited Programs by Commission (as of 10.01.12)

ASAC: **2%** (74)

CAC: **12%** (402)

ETAC: **19%** (637)

EAC: **67%** (2,239)
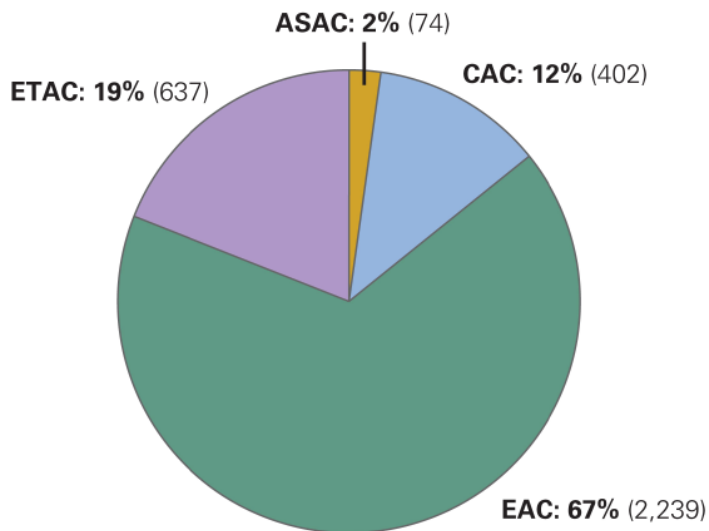
# Institutions with Accredited Programs by Commission (as of 10.01.12)

ASAC: **5%** (56)

ETAC: **21%** (215)

CAC: **30%** (308)

EAC: **44%** (458)

# 10 Largest Curricular Areas by Number of Accredited Programs Across All Commissions (as of 10.01.12)

| Curricular Area | Number |
|---|---|
| Electrical | 573 |
| Mechanical | 474 |
| Civil | 330 |
| Computer | 323 |
| Computer Science | 299 |
| Chemical | 198 |
| Industrial | 144 |
| Engineering, Engineering Physics, and Engineering Science | 108 |
| Bioengineering and Biomedical | 97 |
| General Criteria Only | 91 |

# Statistics: Accreditation Trends

## Number of Accredited Programs and Institutions Having Accredited Programs, 2007-12**

|  | ASAC | | CAC | | EAC | | ETAC | | All* | |
|---|---|---|---|---|---|---|---|---|---|---|
|  | Pgms | Insts | Pgms | Insts | Pgms | Insts | Pgms | Insts | Pgms | Insts |
| 2007 | 77 | 58 | 326 | 263 | 1,979 | 398 | 690 | 239 | 3,061 | 629 |
| 2008 | 74 | 57 | 345 | 273 | 2,083 | 425 | 693 | 239 | 3,183 | 655 |
| 2009 | 70 | 54 | 375 | 296 | 2,157 | 441 | 702 | 238 | 3,288 | 678 |
| 2010 | 70 | 53 | 367 | 292 | 2,154 | 442 | 683 | 231 | 3,259 | 674 |
| 2011 | 70 | 53 | 365 | 291 | 2,141 | 442 | 632 | 216 | 3,193 | 660 |
| 2012 | 74 | 56 | 402 | 308 | 2,239 | 458 | 637 | 215 | 3,337 | 681 |

\* Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.

\*\* Data above may differ from that reported in previous versions of this publication as a result of retroactive accreditation. Retroactive accreditation occurs when a commission extends accreditation to encompass the academic year prior to the one in which a program's on-site review was conducted. Retroactive accreditation may be applied to cover a new program's early graduates, whose work is usually evaluated during the initial accreditation visit.

\*\*\* Statistics reported for a single commission may vary greatly from year to year, depending on criteria changes, number of programs visited, and other factors. If you have any questions, please contact the Accreditation Department at _accreditation@abet.org_.

# Actions for General Reviews, 2007-12

### Applied Science Accreditation Commission (ASAC)

|      | NGR | IR  | IV | SC  | NA |
|------|-----|-----|----|-----|----|
| 2007 | 33% | 56% | 0% | 11% | 0% |
| 2008 | 62% | 38% | 0% | 0%  | 0% |
| 2009 | 69% | 31% | 0% | 0%  | 0% |
| 2010 | 71% | 14% | 0% | 14% | 9% |
| 2011 | 53% | 47% | 0% | 0%  | 0% |
| 2012 | 62% | 31% | 0% | 8%  | 0% |

### Computing Accreditation Commission (CAC)

|      | NGR | IR  | IV  | SC | NA |
|------|-----|-----|-----|----|----|
| 2007 | 48% | 39% | 11% | 2% | 0% |
| 2008 | 47% | 37% | 15% | 1% | 0% |
| 2009 | 43% | 50% | 7%  | 0% | 0% |
| 2010 | 48% | 40% | 9%  | 2% | 2% |
| 2011 | 45% | 48% | 1%  | 4% | 1% |
| 2012 | 51% | 29% | 8%  | 7% | 5% |

### Engineering Accreditation Commission (EAC)

|      | NGR | IR  | IV | SC | NA |
|------|-----|-----|----|----|----|
| 2007 | 65% | 30% | 5% | 0% | 0% |
| 2008 | 67% | 32% | 1% | 0% | 0% |
| 2009 | 76% | 23% | 1% | 0% | 0% |
| 2010 | 76% | 22% | 0% | 0% | 1% |
| 2011 | 83% | 13% | 3% | 0% | 1% |
| 2012 | 76% | 21% | 2% | 0% | 0% |

### Engineering Technology Accreditation Commission (ETAC)

|      | NGR | IR  | IV | SC  | NA |
|------|-----|-----|----|-----|----|
| 2007 | 51% | 43% | 3% | 1%  | 1% |
| 2008 | 37% | 49% | 0% | 14% | 0% |
| 2009 | 57% | 39% | 2% | 2%  | 0% |
| 2010 | 47% | 42% | 3% | 7%  | 0% |
| 2011 | 72% | 25% | 2% | 1%  | 1% |
| 2012 | 60% | 40% | 0% | 0%  | 0% |

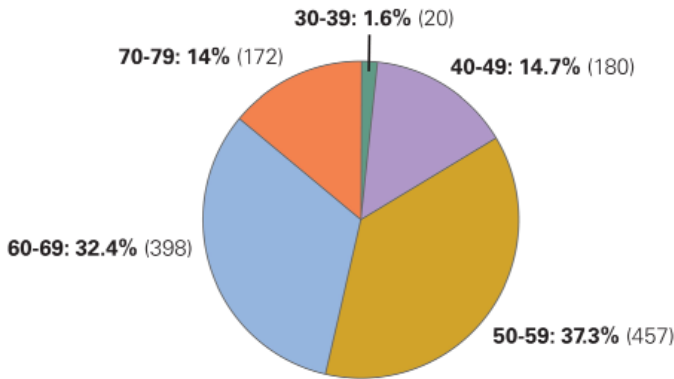| | LEGEND |
|-----|-----|
| **NGR** | Next General Review |
| **IR** | Interim Report |
| **IV** | Interim Visit |
| **SC** | Show Cause |
| **NA** | Not to Accredit |

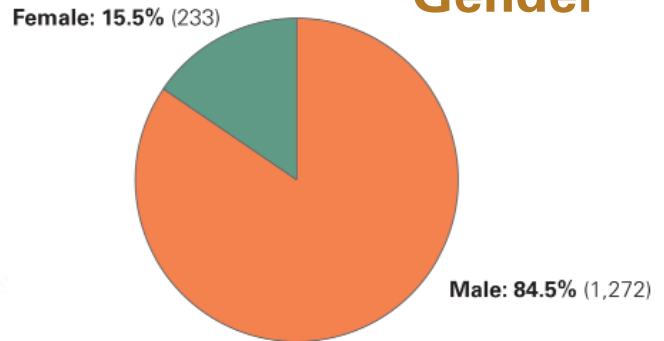# 5 Largest Increases in Number of Accredited Programs by Curricular Area, 2007-12
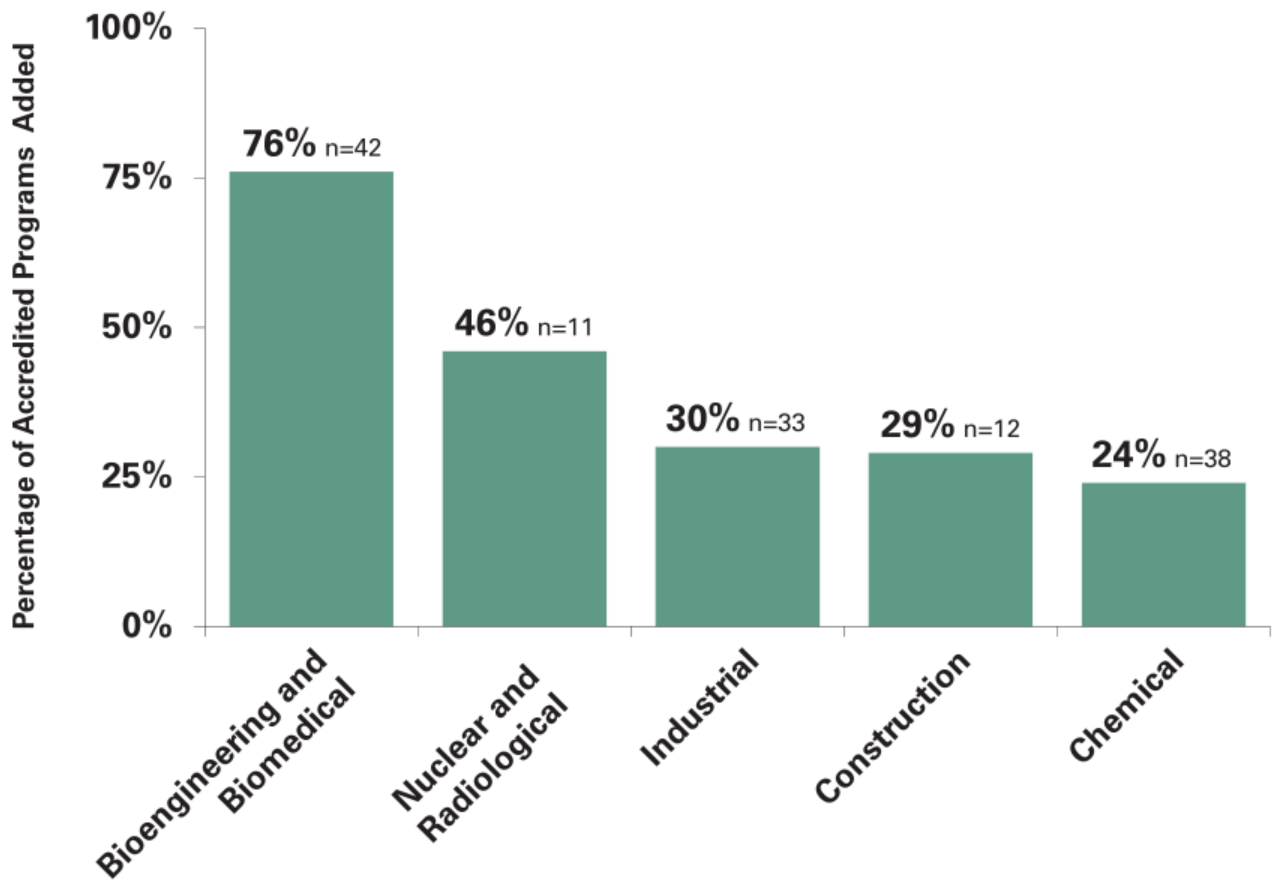


Curricular Areas with Largest Percentages of Accredited Programs Added
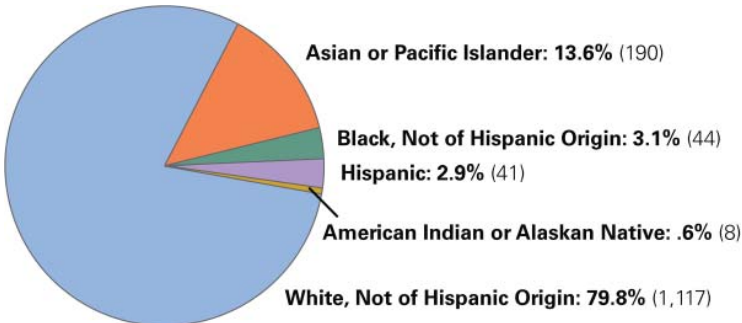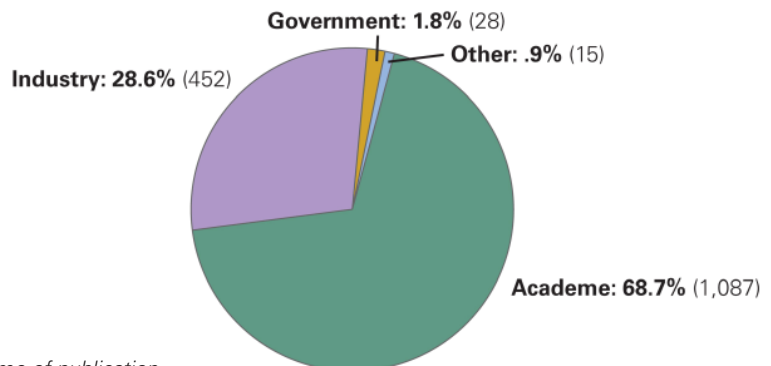
# Statistics: 2011-12 Volunteer Characteristics

## Age

- **30-39: 1.6%** (20)
- **40-49: 14.7%** (180)
- **50-59: 37.3%** (457)
- **60-69: 32.4%** (398)
- **70-79: 14%** (172)

## Gender

- **Female: 15.5%** (233)
- **Male: 84.5%** (1,272)

## Ethnicity

- **Asian or Pacific Islander: 13.6%** (190)
- **Black, Not of Hispanic Origin: 3.1%** (44)
- **Hispanic: 2.9%** (41)
- **American Indian or Alaskan Native: .6%** (8)
- **White, Not of Hispanic Origin: 79.8%** (1,117)

## Job Sector

- **Government: 1.8%** (28)
- **Other: .9%** (15)
- **Industry: 28.6%** (452)
- **Academe: 68.7%** (1,087)

*\* Please note that data are self-reported and current at time of publication.*