Trend Analysis for Minorities in Computer Science

Data Source IPEDS /NCES and CRA Taulbee

June 2012
G1: Underrepresented Ethnicities – Associate’s Degrees (2000-2009)


**# of Degrees**

- **American Indian or Alaska Native**
- **Black, Non-Hispanic**
- **Hispanic**

**% of Total Degrees**

- **American Indian or Alaska Native (NCES)**
- **Black, Non-Hispanic (NCES)**
- **Hispanic (NCES)**


% of Total Degrees

Sources: WebCASPAR using IPEDS/NCES data by Race/Ethnicity for Academic Discipline = Computer Science and Taulbee Survey for CS only.

# of Degrees

- American Indian or Alaska Native
- Black, Non-Hispanic
- Hispanic

% of Total Degrees

- American Indian or Alaska Native (NCES)
- Black, Non-Hispanic (NCES)
- Hispanic (NCES)


% of Total Degrees

Sources: WebCASPAR using IPEDS/NCES data by Race/Ethnicity for Academic Discipline = Computer Science and Taulbee Survey for CS only.


% of Total Degrees

Sources: WebCASPAR using IPEDS/NCES data by Race/Ethnicity for Academic Discipline = Computer Science and Taulbee Survey for CS only.
G8: Gender Breakdown - American Indian Associate’s Degrees (2000-2009)

G9: Gender Breakdown - American Indian Bachelor’s Degrees (2000-2009)


# of Degrees


G12: Gender Breakdown - Black Associate’s Degrees (2000-2009)

G13: Gender Breakdown - Black Bachelor’s Degrees (2000-2009)

G14: Gender Breakdown - Black Master’s Degrees (2000-2009)


G16: Gender Breakdown - Hispanic Associate’s Degrees (2000-2009)

G17: Gender Breakdown - Hispanic Bachelor’s Degrees (2000-2009)

G18: Gender Breakdown - Hispanic Master’s Degrees (2000-2009)


G20: Associate’s Degrees – Female/Minority Composition (2000)

Male 58%

Female 42%

American Indian or Alaska Native 2%

Asian or Pacific Islander 7%

Black, Non-Hispanic 17%

Hispanic 11%

Other/Unknown Temporary Resident 2%

Other/Unknown Races & Ethnicities 3%

White, Non-Hispanic 58%

G21: Associate’s Degrees – Female/Minority Composition (2005)

- Male: 71%
- Female: 29%
- White, Non-Hispanic: 52%
- Black, Non-Hispanic: 21%
- Hispanic: 11%
- Other/Unknown Races & Ethnicities: 6%
- Asian or Pacific Islander: 5%
- American Indian or Alaska Native: 2%
- Temporary Resident: 3%
- Other: 6%

G22: Associate’s Degrees – Female/Minority Composition (2009)

- Male: 75%
- Female: 25%

- Black, Non-Hispanic: 21%
- White, Non-Hispanic: 54%
- Hispanic: 9%
- Asian or Pacific Islander: 4%
- American Indian or Alaska Native: 1%
- Other/Unknown Races & Ethnicities: 9%
- Temporary Resident: 2%

G23: Bachelor’s Degrees – Female/Minority Composition (2000)

- Female: 28%
- Male: 72%
- Asian or Pacific Islander: 17%
- White, Non-Hispanic: 47%
- Black, Non-Hispanic: 16%
- Hispanic: 7%
- Other/Unknown Races & Ethnicities: 4%
- American Indian or Alaska Native: 0%
- Temporary Resident: 9%
- Other/Race/Unknown: 4%

G24: Bachelor’s Degrees – Female/Minority Composition (2005)

- Male: 78%
- Female: 22%
- American Indian or Alaska Native: 1%
- Asian or Pacific Islander: 13%
- Black, Non-Hispanic: 41%
- Hispanic: 8%
- Other/Unknown Races & Ethnicities: 9%
- White, Non-Hispanic: 20%
- Temporary Resident: 8%

G25: Bachelor’s Degrees – Female/Minority Composition (2009)

- Female: 18%
- Male: 82%
- White, Non-Hispanic: 46%
- Black, Non-Hispanic: 19%
- Asian or Pacific Islander: 8%
- Hispanic: 9%
- Other/Unknown Races & Ethnicities: 11%
- Temporary Resident: 6%
- American Indian or Alaska Native: 1%

G26: Master’s Degrees – Female/Minority Composition (2000)

G27: Master’s Degrees – Female/Minority Composition (2005)

- Female: 29%
- Male: 71%
- American Indian or Alaska Native: 0%
- Asian or Pacific Islander: 16%
- Black, Non-Hispanic: 7%
- Hispanic: 3%
- Other/Unknown Races & Ethnicities: 7%
- Temporary Resident: 42%
- White, Non-Hispanic: 25%

G28: Master’s Degrees – Female/Minority Composition (2009)

- Female: 27%
- Male: 73%
- White, Non-Hispanic: 22%
- Other/Unknown Races & Ethnicities: 8%
- Hispanic: 3%
- Black, Non-Hispanic: 7%
- Asian or Pacific Islander: 10%
- American Indian or Alaska Native: 0%
- Temporary Resident: 50%

G29: Doctoral Degrees – Female/Minority Composition (2000)

- Female: 17%
- Male: 83%
- White, Non-Hispanic: 40%
- Asian or Pacific Islander: 5%
- Black, Non-Hispanic: 4%
- Hispanic: 2%
- Other/Unknown Races & Ethnicities: 5%
- American Indian or Alaska Native: 0%
- Temporary Resident: 44%

G30: Doctoral Degrees – Female/Minority Composition (2005)

- Female: 19%
- Male: 81%

Race/Ethnicity:
- White, Non-Hispanic: 28%
- Asian or Pacific Islander: 7%
- Black, Non-Hispanic: 4%
- Hispanic: 2%
- Other/Unknown Races & Ethnicities: 7%
- American Indian or Alaska Native: 0%

Temporary Resident: 52%

G31: Doctoral Degrees – Female/Minority Composition (2009)

- Female: 22%
- Male: 78%
- White, Non-Hispanic: 31%
- Asian or Pacific Islander: 9%
- Black, Non-Hispanic: 3%
- Hispanic: 1%
- Other/Unknown Races & Ethnicities: 7%
- Temporary Resident: 49%