**APPENDIX B**

**2010 NSCG**

 **Coefficient of Variation (CV) Target**



**Table 2: 2010 NSCG Desired CV Levels - Broad Occupation by Highest Degree Level**

**Bachelor's**

**Master's**

**Doctorate**

**Computer Scientist**

1.7%

2.4%

9.7%

**Mathematicaian**

1.7%

2.4%

9.7%

**Life Scientists**

4.5%

5.1%

6.6%

**Physical Scientists**

5.5%

5.9%

8.9%

**Psychologists**

15.4%

4.9%

16.4%

**Social Scientists**

6.4%

6.9%

12.5%

**Engineers**

3.0%

4.0%

9.7%

**Health-Related Occupations**

6.0%

4.0%

14.7%

**S&E-Related non-Health Occupations**

6.0%

4.0%

14.7%

**Post Secondary Teacher, S&E FOD**

3.0%

4.0%

14.7%

**Post Secondary Teacher, Non-S&E FOD**

20.5%

10.0%

14.0%

**Non-S&E Occupation, S&E FOD**

4.0%

4.0%

7.3%

**Non-S&E Occupation, Non-S&E FOD**

20.5%

10.0%

14.0%

**Secondary Teacher, S&E FOD**

4.0%

4.0%

7.3%

**Secondary teacher, non-S&E FOD**

20.5%

10.0%

14.0%

**Not Working, S&E FOD**

1.7%

2.5%

12.0%

**Not Working, Non-S&E FOD**

13.4%

7.0%

19.0%

Notes:

 (1) CV = Coefficient of Variation

 (2) The total row and column CVs are approximated by the assumption of strata independence.

 (3) S&E = Science and Engineering

 (4) FOD = Field of Degree

 (5) The Bachelor's degree column includes respondents with a Professional degree

**BROAD OCCUPATION**

**HIGHEST DEGREE LEVEL**

**Table 3: 2010 NSCG Desired CV Levels - Detailed Occupation by Highest Degree Level**

**Bachelor's**

**Master's**

**Doctorate**

**Computer Scientist**

1.7%

2.4%

9.7%

**Mathematician**

1.7%

2.4%

9.7%

**Biological/medical scientists**

5.5%

6.0%

7.0%

**Agriculture and other life scientists**

5.5%

5.8%

6.7%

**Chemists, except biochemists**

3.0%

4.0%

12.3%

**Physicists and other physical scientists**

3.0%

4.0%

13.0%

**Psychologists**

15.4%

4.9%

16.4%

**Economics**

3.1%

4.0%

12.0%

**Other social scientists**

3.0%

4.0%

13.4%

**Chemical engineers**

3.0%

4.0%

25.8%

**Civil and architectural engineers**

3.0%

4.0%

30.0%

**Electrical and computer engineers**

3.0%

4.0%

14.2%

**Mechanical engineers**

3.0%

4.0%

27.2%

**Other engineers**

6.0%

8.0%

14.9%

**Health-Related Occupations**

6.0%

4.0%

14.7%

**S&E-Related non-Health Occupations**

3.0%

4.0%

14.7%

**Post secondary teacher, S&E FOD**

3.0%

4.0%

14.7%

**Post secondary teacher, Non-S&E FOD**

20.5%

10.0%

14.0%

**Non-S&E Occupation, S&E FOD**

4.0%

4.0%

7.3%

**Non-S&E Occupation, Non-S&E FOD**

20.5%

10.0%

14.0%

**Secondary Teacher, S&E FOD**

4.0%

4.0%

7.3%

**Secondary Teacher, Non-S&E FOD**

20.5%

10.0%

14.0%

**Not Working, S&E FOD**

3.0%

4.0%

12.0%

**Not Working, Non-S&E FOD**

13.4%

15.0%

19.0%

Notes:

 (1) CV = Coefficient of Variation

 (2) The total row and column CVs are approximated by the assumption of strata independence.

 (3) S&E = Science and Engineering

 (4) FOD = Field of Degree

 (5) The Bachelor's degree column includes respondents with a Professional degree

 (6) Other engineers includes aerospace engineers, industrial engineers and other

**DETAILED OCCUPATION**

**HIGHEST DEGREE LEVEL**



