

Appendix Table 2.A1. Educational Composition and Educational Transition Ratios of U.S. Population by Race-Ethnicity and Nativity by Birth Cohort based on the 1990 and 2000 Population Censuses and the 2010 American Community Survey

| <i>Birth cohorts indexed by year tuned age 20</i> | Percent of total population by race-ethnicity and nativity | | | | | | | | | | | | |
|---|--|---------|-------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1990 Census | | 2000 Census | | 2010 ACS | | | | | | | | |
| | 1940-1944 | 1945-49 | 1950-54 | 1955-59 | 1960-64 | 1965-69 | 1970-74 | 1975-79 | 1980-84 | 1985-89 | 1990-94 | 1995-99 | 2000-04 |
| Total Population | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| <i>Race-Ethnicity</i> | | | | | | | | | | | | | |
| White (non Hispanic) Native Born (and 1.5 gen) | 80.6% | 79.2% | 76.8% | 75.0% | 75.0% | 73.8% | 71.6% | 68.9% | 65.4% | 60.9% | 57.1% | 56.2% | 57.7% |
| White (non Hispanic) Foreign Born | 4.9% | 4.4% | 4.5% | 4.4% | 3.4% | 2.8% | 2.6% | 2.7% | 2.8% | 2.8% | 2.7% | 2.5% | 1.9% |
| African American Native Born (and 1.5 gen) | 8.1% | 8.6% | 8.5% | 9.1% | 8.4% | 9.1% | 10.1% | 10.7% | 11.2% | 11.6% | 11.7% | 11.9% | 12.1% |
| African American Foreign Born | 0.3% | 0.4% | 0.6% | 0.8% | 0.9% | 1.0% | 1.2% | 1.3% | 1.3% | 1.5% | 1.5% | 1.3% | 1.0% |
| American Indian (AIAN) | 0.4% | 0.5% | 0.5% | 0.6% | 0.5% | 0.6% | 0.6% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% |
| Asian Native Born (and 1.5 gen) | 0.5% | 0.5% | 0.5% | 0.4% | 0.4% | 0.5% | 0.5% | 0.6% | 0.9% | 1.3% | 1.9% | 2.4% | 3.0% |
| Asian Foreign Born | 1.1% | 1.4% | 2.4% | 2.8% | 3.5% | 3.8% | 3.8% | 3.8% | 4.0% | 4.4% | 4.6% | 3.9% | 2.9% |
| Pacific Islander (NHOPI) | 0.1% | 0.1% | 0.1% | 0.1% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.3% | 0.3% | 0.3% | 0.3% |
| Mexican NB (and 1.5 gen) | 1.4% | 1.8% | 1.6% | 1.6% | 2.1% | 2.3% | 2.7% | 3.0% | 3.6% | 4.6% | 5.7% | 7.0% | 8.3% |
| Mexican Foreign Born | 0.7% | 0.9% | 1.3% | 1.6% | 2.1% | 2.2% | 2.7% | 3.4% | 4.3% | 5.7% | 7.0% | 6.5% | 5.0% |
| Other Hispanic NB (and 1.5 gen) | 0.5% | 0.5% | 0.9% | 1.0% | 0.9% | 1.2% | 1.3% | 1.8% | 2.2% | 2.5% | 3.0% | 3.5% | 4.2% |
| Other Hispanic Foreign Born | 1.5% | 1.9% | 2.3% | 2.6% | 2.7% | 2.5% | 2.6% | 2.8% | 3.3% | 3.7% | 3.7% | 3.7% | 2.9% |

| <i>Birth cohorts indexed by year tuned age 20</i> | Percent of US population who graduated from high school by race-ethnicity and nativity | | | | | | | | | | | | |
|---|--|---------|-------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1990 Census | | 2000 Census | | 2010 ACS | | | | | | | | |
| | 1940-1944 | 1945-49 | 1950-54 | 1955-59 | 1960-64 | 1965-69 | 1970-74 | 1975-79 | 1980-84 | 1985-89 | 1990-94 | 1995-99 | 2000-04 |
| Total Population | 61.8% | 64.9% | 71.1% | 76.2% | 83.5% | 87.3% | 88.3% | 87.8% | 87.5% | 87.6% | 87.1% | 86.9% | 87.4% |
| <i>Race-Ethnicity</i> | | | | | | | | | | | | | |
| White (non Hispanic) Native Born (and 1.5 gen) | 66.7% | 69.9% | 77.2% | 82.2% | 89.0% | 92.5% | 93.4% | 92.7% | 92.7% | 93.5% | 93.8% | 93.6% | 93.3% |
| White (non Hispanic) Foreign Born | 61.1% | 62.2% | 65.5% | 71.5% | 77.6% | 82.8% | 86.3% | 89.4% | 91.3% | 92.5% | 92.4% | 93.1% | 92.8% |
| African American Native Born (and 1.5 gen) | 33.7% | 40.7% | 50.8% | 59.4% | 73.1% | 80.0% | 83.8% | 84.5% | 85.9% | 88.3% | 88.7% | 86.4% | 85.7% |
| African American Foreign Born | 43.3% | 49.0% | 52.1% | 58.3% | 66.6% | 75.6% | 80.4% | 83.1% | 85.9% | 87.7% | 90.1% | 88.3% | 87.6% |
| American Indian (AIAN) | 41.6% | 42.8% | 50.9% | 59.5% | 73.7% | 82.0% | 82.3% | 83.5% | 83.1% | 82.9% | 84.2% | 84.3% | 82.5% |
| Asian Native Born (and 1.5 gen) | 73.4% | 82.3% | 85.7% | 90.0% | 94.8% | 95.7% | 96.1% | 96.7% | 96.9% | 96.3% | 96.8% | 96.8% | 96.9% |
| Asian Foreign Born | 45.8% | 55.9% | 58.5% | 67.5% | 73.5% | 75.7% | 78.6% | 82.2% | 85.2% | 86.8% | 89.3% | 92.7% | 92.7% |
| Pacific Islander (NHOPI) | 49.0% | 52.9% | 65.6% | 71.8% | 79.5% | 84.1% | 89.3% | 87.9% | 89.8% | 93.5% | 93.2% | 93.2% | 93.5% |
| Mexican NB (and 1.5 gen) | 25.4% | 30.5% | 40.4% | 52.9% | 65.5% | 73.7% | 79.0% | 78.0% | 77.4% | 78.4% | 79.8% | 79.6% | 80.2% |
| Mexican Foreign Born | 13.5% | 14.0% | 15.9% | 16.2% | 21.4% | 26.9% | 28.1% | 32.2% | 37.2% | 40.7% | 40.2% | 41.5% | 43.0% |
| Other Hispanic NB (and 1.5 gen) | 46.3% | 52.1% | 48.0% | 57.7% | 75.7% | 81.3% | 83.8% | 84.8% | 85.2% | 86.4% | 86.7% | 85.7% | 85.2% |
| Other Hispanic Foreign Born | 33.7% | 38.0% | 37.9% | 42.5% | 55.0% | 58.8% | 62.8% | 67.4% | 68.8% | 68.0% | 65.3% | 63.7% | 59.4% |

| Percent of US population who enrolled in college by race-ethnicity and nativity | | | | | | | | | | | | |
|---|--|-------------|--|----------|--|--|--|--|--|--|--|--|
| 1990 Census | | 2000 Census | | 2010 ACS | | | | | | | | |

| <i>Birth cohorts indexed by year tuned age 20</i> | 1940–1944 | 1945-49 | 1950-54 | 1955-59 | 1960-64 | 1965-69 | 1970-74 | 1975-79 | 1980-84 | 1985-89 | 1990-94 | 1995-99 | 2000-04 |
|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Total Population | 29.3% | 32.6% | 38.3% | 43.5% | 51.7% | 59.1% | 60.0% | 57.9% | 58.2% | 60.5% | 62.5% | 62.7% | 62.9% |
| <i>Race-Ethnicity</i> | | | | | | | | | | | | | |
| White (non Hispanic) Native Born (and 1.5 gen) | 31.4% | 34.9% | 41.2% | 46.6% | 55.5% | 63.7% | 64.5% | 61.6% | 62.5% | 66.7% | 69.8% | 70.4% | 70.3% |
| White (non Hispanic) Foreign Born | 33.2% | 36.0% | 40.6% | 46.0% | 51.5% | 58.4% | 62.3% | 67.0% | 67.8% | 70.1% | 71.4% | 74.5% | 72.3% |
| African American Native Born (and 1.5 gen) | 15.2% | 19.4% | 26.0% | 31.2% | 39.5% | 47.5% | 51.1% | 51.2% | 51.5% | 54.3% | 58.0% | 56.2% | 56.5% |
| African American Foreign Born | 18.2% | 21.4% | 27.6% | 31.2% | 36.2% | 47.0% | 52.4% | 54.8% | 57.1% | 59.1% | 61.1% | 65.1% | 60.3% |
| American Indian (AIAN) | 21.0% | 23.4% | 27.6% | 33.3% | 45.5% | 53.4% | 51.2% | 50.8% | 46.7% | 51.3% | 54.5% | 53.3% | 48.3% |
| Asian Native Born (and 1.5 gen) | 30.3% | 39.0% | 48.2% | 61.5% | 75.3% | 80.8% | 81.4% | 81.6% | 84.9% | 83.2% | 84.5% | 85.6% | 84.7% |
| Asian Foreign Born | 28.1% | 35.1% | 39.2% | 50.6% | 54.3% | 56.2% | 59.0% | 62.4% | 67.0% | 70.3% | 75.7% | 81.8% | 82.3% |
| Pacific Islander (NHOPI) | 19.4% | 19.9% | 27.4% | 37.0% | 49.5% | 49.5% | 59.2% | 47.6% | 57.1% | 57.9% | 63.1% | 64.9% | 57.0% |
| Mexican NB (and 1.5 gen) | 10.2% | 12.8% | 20.0% | 27.2% | 35.9% | 43.0% | 47.8% | 45.5% | 46.5% | 48.5% | 50.9% | 49.5% | 49.3% |
| Mexican Foreign Born | 6.7% | 7.1% | 7.7% | 8.4% | 10.9% | 12.4% | 12.1% | 15.1% | 17.4% | 16.3% | 15.4% | 14.5% | 13.2% |
| Other Hispanic NB (and 1.5 gen) | 20.0% | 24.6% | 23.9% | 29.4% | 43.0% | 51.9% | 57.8% | 57.8% | 57.8% | 59.7% | 62.1% | 60.2% | 58.9% |
| Other Hispanic Foreign Born | 18.1% | 21.4% | 21.4% | 24.1% | 29.6% | 32.3% | 35.7% | 40.6% | 41.0% | 38.3% | 37.6% | 37.8% | 30.9% |

Percent of US population who graduated from college by race-ethnicity and nativity

| <i>Birth cohorts indexed by year tuned age 20</i> | 1990 Census | | 2000 Census | | 2010 ACS | | | | | | | | |
|---|-------------|---------|-------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1940–1944 | 1945-49 | 1950-54 | 1955-59 | 1960-64 | 1965-69 | 1970-74 | 1975-79 | 1980-84 | 1985-89 | 1990-94 | 1995-99 | 2000-04 |
| Total Population | 12.5% | 14.9% | 18.0% | 20.3% | 25.7% | 30.1% | 29.5% | 27.4% | 27.9% | 30.7% | 31.9% | 32.0% | 30.43% |
| <i>Race-Ethnicity</i> | | | | | | | | | | | | | |
| White (non Hispanic) Native Born (and 1.5 gen) | 13.43% | 16.1% | 19.4% | 21.7% | 27.7% | 33.0% | 32.3% | 29.6% | 30.6% | 34.8% | 36.6% | 37.3% | 36.47% |
| White (non Hispanic) Foreign Born | 14.7% | 16.5% | 21.1% | 24.7% | 28.8% | 36.0% | 39.5% | 41.8% | 43.7% | 45.7% | 49.4% | 52.3% | 45.4% |
| African American Native Born (and 1.5 gen) | 5.8% | 7.7% | 10.1% | 10.9% | 14.6% | 17.4% | 18.0% | 17.2% | 17.0% | 18.7% | 20.3% | 19.1% | 18.1% |
| African American Foreign Born | 5.3% | 8.5% | 13.3% | 14.2% | 19.2% | 22.4% | 26.7% | 28.3% | 29.1% | 28.5% | 27.0% | 30.3% | 22.3% |
| American Indian (AIAN) | 6.8% | 7.7% | 10.0% | 11.4% | 15.5% | 18.5% | 14.9% | 15.7% | 14.1% | 13.3% | 15.9% | 13.4% | 10.8% |
| Asian Native Born (and 1.5 gen) | 13.3% | 19.0% | 25.1% | 31.7% | 43.2% | 51.0% | 49.4% | 50.9% | 53.8% | 59.8% | 59.8% | 60.1% | 54.6% |
| Asian Foreign Born | 15.6% | 20.8% | 26.1% | 35.6% | 39.7% | 39.6% | 40.0% | 42.2% | 47.5% | 52.2% | 59.6% | 66.8% | 65.0% |
| Pacific Islander (NHOPI) | 5.9% | 8.3% | 9.6% | 13.5% | 21.0% | 19.2% | 20.4% | 16.1% | 19.3% | 20.4% | 25.1% | 23.1% | 16.0% |
| Mexican NB (and 1.5 gen) | 2.6% | 3.8% | 5.2% | 8.1% | 10.9% | 14.0% | 14.9% | 14.5% | 13.6% | 15.6% | 15.7% | 15.1% | 13.1% |
| Mexican Foreign Born | 2.2% | 2.2% | 2.6% | 2.5% | 4.6% | 4.2% | 3.9% | 5.2% | 5.8% | 5.8% | 5.4% | 4.9% | 3.7% |
| Other Hispanic NB (and 1.5 gen) | 6.8% | 9.0% | 8.4% | 9.7% | 16.8% | 22.2% | 24.3% | 23.6% | 22.3% | 25.0% | 26.4% | 24.9% | 21.4% |
| Other Hispanic Foreign Born | 9.2% | 10.2% | 10.5% | 10.8% | 13.9% | 14.9% | 16.1% | 18.9% | 18.7% | 17.8% | 17.9% | 16.8% | 10.9% |

Educational-transition ratio from high school graduation to college enrollment by race-ethnicity and nativity

| <i>Birth cohorts indexed by year tuned age 20</i> | 1990 Census | | 2000 Census | | 2010 ACS | | | | | | | | |
|---|-------------|---------|-------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1940–1944 | 1945-49 | 1950-54 | 1955-59 | 1960-64 | 1965-69 | 1970-74 | 1975-79 | 1980-84 | 1985-89 | 1990-94 | 1995-99 | 2000-04 |
| Total Population | 47.46% | 50.23% | 53.89% | 57.07% | 61.89% | 67.64% | 67.93% | 65.89% | 66.51% | 69.10% | 71.70% | 72.20% | 71.99% |
| <i>Race-Ethnicity</i> | | | | | | | | | | | | | |
| White (non Hispanic) Native Born (and 1.5 gen) | 47.12% | 49.89% | 53.43% | 56.70% | 62.41% | 68.88% | 69.08% | 66.43% | 67.42% | 71.33% | 74.37% | 75.18% | 75.34% |
| White (non Hispanic) Foreign Born | 54.31% | 57.93% | 62.06% | 64.28% | 66.42% | 70.47% | 72.25% | 74.89% | 74.24% | 75.76% | 77.30% | 79.98% | 77.89% |
| African American Native Born (and 1.5 gen) | 45.10% | 47.73% | 51.22% | 52.53% | 53.96% | 59.35% | 60.98% | 60.64% | 59.92% | 61.50% | 65.36% | 65.07% | 65.94% |

| | | | | | | | | | | | | | |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| African American Foreign Born | 42.09% | 43.70% | 53.04% | 53.53% | 54.43% | 62.16% | 65.13% | 65.85% | 66.45% | 67.46% | 67.85% | 73.72% | 68.82% |
| American Indian (AIAN) | 50.40% | 54.68% | 54.23% | 56.01% | 61.74% | 65.06% | 62.20% | 60.77% | 56.17% | 61.94% | 64.70% | 63.21% | 58.59% |
| Asian Native Born (and 1.5 gen) | 41.23% | 47.45% | 56.24% | 68.35% | 79.37% | 84.45% | 84.79% | 84.37% | 87.63% | 86.38% | 87.29% | 88.43% | 87.43% |
| Asian Foreign Born | 61.39% | 62.81% | 66.96% | 74.92% | 73.89% | 74.23% | 75.04% | 75.83% | 78.56% | 81.02% | 84.82% | 88.17% | 88.79% |
| Pacific Islander (NHOPI) | 39.54% | 37.66% | 41.80% | 51.48% | 62.26% | 58.87% | 66.35% | 54.21% | 63.57% | 61.90% | 67.67% | 69.61% | 60.95% |
| Mexican NB (and 1.5 gen) | 39.98% | 42.09% | 49.58% | 51.46% | 54.90% | 58.28% | 60.53% | 58.34% | 60.10% | 61.87% | 63.78% | 62.23% | 61.45% |
| Mexican Foreign Born | 49.82% | 50.28% | 48.54% | 51.75% | 51.01% | 46.24% | 43.19% | 46.85% | 46.66% | 40.11% | 38.38% | 34.87% | 30.74% |
| Other Hispanic NB (and 1.5 gen) | 43.22% | 47.28% | 49.74% | 50.98% | 56.78% | 63.82% | 69.00% | 68.16% | 67.87% | 69.12% | 71.54% | 70.25% | 69.16% |
| Other Hispanic Foreign Born | 53.72% | 56.30% | 56.52% | 56.62% | 53.85% | 54.88% | 56.86% | 60.26% | 59.55% | 56.25% | 57.58% | 59.26% | 52.00% |

Educational-transition ratio from college enrollment to college graduation by race-ethnicity and nativity

| <i>Birth cohorts indexed by year tuned age 20</i> | 1990 Census | | 2000 Census | | 2010 ACS | | | | | | | | |
|---|-------------|---------|-------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1940-1944 | 1945-49 | 1950-54 | 1955-59 | 1960-64 | 1965-69 | 1970-74 | 1975-79 | 1980-84 | 1985-89 | 1990-94 | 1995-99 | 2000-04 |
| Total Population | 42.68% | 45.78% | 46.99% | 46.60% | 49.62% | 50.99% | 49.09% | 47.33% | 47.83% | 50.65% | 51.02% | 51.06% | 48.38% |
| <i>Race-Ethnicity</i> | | | | | | | | | | | | | |
| White (non Hispanic) Native Born (and 1.5 gen) | 42.76% | 46.15% | 47.02% | 46.65% | 49.85% | 51.78% | 50.09% | 48.09% | 48.90% | 52.25% | 52.47% | 52.96% | 51.89% |
| White (non Hispanic) Foreign Born | 44.23% | 45.85% | 51.98% | 53.66% | 55.96% | 61.72% | 63.28% | 62.48% | 64.50% | 65.13% | 69.18% | 70.22% | 62.82% |
| African American Native Born (and 1.5 gen) | 38.47% | 39.52% | 38.67% | 35.04% | 37.10% | 36.77% | 35.28% | 33.47% | 32.98% | 34.45% | 34.94% | 33.95% | 32.03% |
| African American Foreign Born | 29.17% | 39.67% | 48.20% | 45.36% | 53.09% | 47.59% | 50.99% | 51.62% | 50.96% | 48.25% | 44.08% | 46.56% | 36.99% |
| American Indian (AIAN) | 32.48% | 33.05% | 36.06% | 34.25% | 34.14% | 34.60% | 29.19% | 30.99% | 30.15% | 25.92% | 29.13% | 25.14% | 22.30% |
| Asian Native Born (and 1.5 gen) | 43.77% | 48.71% | 52.17% | 51.52% | 57.35% | 63.11% | 60.60% | 62.42% | 63.41% | 71.86% | 70.80% | 70.26% | 64.49% |
| Asian Foreign Born | 55.33% | 59.36% | 66.55% | 70.51% | 73.15% | 70.44% | 67.79% | 67.62% | 70.86% | 74.21% | 78.78% | 81.66% | 79.03% |
| Pacific Islander (NHOPI) | 30.25% | 41.92% | 35.15% | 36.66% | 42.51% | 38.75% | 34.38% | 33.79% | 33.74% | 35.22% | 39.75% | 35.60% | 28.13% |
| Mexican NB (and 1.5 gen) | 25.40% | 29.78% | 26.08% | 29.60% | 30.29% | 32.61% | 31.21% | 31.83% | 29.18% | 32.21% | 30.90% | 30.53% | 26.53% |
| Mexican Foreign Born | 32.97% | 30.89% | 33.36% | 30.30% | 41.62% | 34.00% | 32.46% | 34.73% | 33.57% | 35.64% | 34.70% | 33.73% | 28.36% |
| Other Hispanic NB (and 1.5 gen) | 33.90% | 36.44% | 35.12% | 33.00% | 39.13% | 42.73% | 42.05% | 40.81% | 38.64% | 41.84% | 42.61% | 41.32% | 36.36% |
| Other Hispanic Foreign Born | 50.70% | 47.69% | 49.16% | 45.00% | 46.79% | 46.32% | 45.19% | 46.49% | 45.66% | 46.52% | 47.51% | 44.53% | 35.38% |

Ratio of college graduation rate of each race-ethnic population to the college graduation rate of total US population

| <i>Birth cohorts indexed by year tuned age 20</i> | 1990 Census | | 2000 Census | | 2010 ACS | | | | | | | | |
|---|-------------|---------|-------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1940-1944 | 1945-49 | 1950-54 | 1955-59 | 1960-64 | 1965-69 | 1970-74 | 1975-79 | 1980-84 | 1985-89 | 1990-94 | 1995-99 | 2000-04 |
| Total Population | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| <i>Race-Ethnicity</i> | | | | | | | | | | | | | |
| White (non Hispanic) Native Born (and 1.5 gen) | 1.07 | 1.08 | 1.08 | 1.07 | 1.08 | 1.09 | 1.10 | 1.08 | 1.10 | 1.14 | 1.15 | 1.16 | 1.20 |
| White (non Hispanic) Foreign Born | 1.17 | 1.11 | 1.17 | 1.22 | 1.12 | 1.20 | 1.34 | 1.53 | 1.57 | 1.49 | 1.55 | 1.63 | 1.49 |
| African American Native Born (and 1.5 gen) | 0.47 | 0.51 | 0.56 | 0.54 | 0.57 | 0.58 | 0.61 | 0.63 | 0.61 | 0.61 | 0.64 | 0.60 | 0.59 |
| African American Foreign Born | 0.42 | 0.57 | 0.74 | 0.70 | 0.75 | 0.74 | 0.91 | 1.03 | 1.04 | 0.93 | 0.85 | 0.95 | 0.73 |
| American Indian (AIAN) | 0.54 | 0.52 | 0.55 | 0.56 | 0.61 | 0.61 | 0.51 | 0.57 | 0.51 | 0.43 | 0.50 | 0.42 | 0.35 |
| Asian Native Born (and 1.5 gen) | 1.06 | 1.27 | 1.40 | 1.57 | 1.68 | 1.69 | 1.68 | 1.86 | 1.93 | 1.95 | 1.88 | 1.88 | 1.80 |
| Asian Foreign Born | 1.24 | 1.40 | 1.45 | 1.76 | 1.55 | 1.31 | 1.36 | 1.54 | 1.70 | 1.70 | 1.87 | 2.08 | 2.14 |
| Pacific Islander (NHOPI) | 0.47 | 0.56 | 0.53 | 0.67 | 0.82 | 0.64 | 0.69 | 0.59 | 0.69 | 0.66 | 0.79 | 0.72 | 0.53 |

| | | | | | | | | | | | | | |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Mexican NB (and 1.5 gen) | 0.21 | 0.26 | 0.29 | 0.40 | 0.42 | 0.47 | 0.51 | 0.53 | 0.49 | 0.51 | 0.49 | 0.47 | 0.43 |
| Mexican Foreign Born | 0.18 | 0.15 | 0.14 | 0.13 | 0.18 | 0.14 | 0.13 | 0.19 | 0.21 | 0.19 | 0.17 | 0.15 | 0.12 |
| Other Hispanic NB (and 1.5 gen) | 0.54 | 0.60 | 0.46 | 0.48 | 0.66 | 0.74 | 0.83 | 0.86 | 0.80 | 0.82 | 0.83 | 0.78 | 0.70 |
| Other Hispanic Foreign Born | 0.73 | 0.68 | 0.59 | 0.53 | 0.54 | 0.50 | 0.55 | 0.69 | 0.67 | 0.58 | 0.56 | 0.53 | 0.36 |

Percentage point gap between the college graduation rate of each race-ethnic population and the college graduation rate of the total US population

| <i>Birth cohorts indexed by year tuned age 20</i> | 1990 Census | | 2000 Census | | 2010 ACS | | | | | | | | |
|---|-------------|---------|-------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1940-1944 | 1945-49 | 1950-54 | 1955-59 | 1960-64 | 1965-69 | 1970-74 | 1975-79 | 1980-84 | 1985-89 | 1990-94 | 1995-99 | 2000-04 |
| Total Population | | | | | | | | | | | | | |
| <i>Race-Ethnicity</i> | | | | | | | | | | | | | |
| White (non Hispanic) Native Born (and 1.5 gen) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| White (non Hispanic) Foreign Born | 1.3% | 0.4% | 1.7% | 2.9% | 1.2% | 3.0% | 7.1% | 12.2% | 13.2% | 10.8% | 12.8% | 15.0% | 8.9% |
| African American Native Born (and 1.5 gen) | -7.6% | -8.4% | -9.3% | -10.8% | -13.0% | -15.5% | -14.3% | -12.5% | -13.6% | -16.1% | -16.3% | -18.2% | -18.4% |
| African American Foreign Born | -8.1% | -7.6% | -6.1% | -7.6% | -8.4% | -10.6% | -5.6% | -1.4% | -1.5% | -6.3% | -9.7% | -6.9% | -14.2% |
| American Indian (AIAN) | -6.6% | -8.4% | -9.4% | -10.3% | -12.2% | -14.5% | -17.4% | -13.9% | -16.5% | -21.5% | -20.8% | -23.9% | -25.7% |
| Asian Native Born (and 1.5 gen) | -0.2% | 2.9% | 5.8% | 10.0% | 15.5% | 18.0% | 17.1% | 21.3% | 23.3% | 24.9% | 23.2% | 22.9% | 18.2% |
| Asian Foreign Born | 2.1% | 4.7% | 6.7% | 13.9% | 12.1% | 6.6% | 7.7% | 12.5% | 16.9% | 17.3% | 23.0% | 29.5% | 28.6% |
| Pacific Islander (NHOPI) | -7.6% | -7.8% | -9.8% | -8.2% | -6.6% | -13.8% | -11.9% | -13.5% | -11.3% | -14.5% | -11.5% | -14.2% | -20.4% |
| Mexican NB (and 1.5 gen) | -10.8% | -12.3% | -14.2% | -13.7% | -16.8% | -19.0% | -17.4% | -15.1% | -17.0% | -19.2% | -20.9% | -22.1% | -23.4% |
| Mexican Foreign Born | -11.2% | -13.9% | -16.8% | -19.2% | -23.1% | -28.8% | -28.4% | -24.4% | -24.7% | -29.0% | -31.3% | -32.4% | -32.7% |
| Other Hispanic NB (and 1.5 gen) | -6.6% | -7.1% | -11.0% | -12.0% | -10.9% | -10.8% | -8.0% | -6.0% | -8.2% | -9.8% | -10.2% | -12.4% | -15.0% |
| Other Hispanic Foreign Born | -4.3% | -5.9% | -8.8% | -10.9% | -13.8% | -18.0% | -16.2% | -10.7% | -11.8% | -17.0% | -18.7% | -20.4% | -25.5% |

Notes:

AIAN = American Indian and Alaskan Native

NHOPI = Native Hawaiian and Pacific Islander

Source: Authors' compilation from Ruggles, et al. 2015

Appendix Table 3.A1. Educational Aspirations and Expectations Among UW-BHS High School Seniors

| Highest Level Aspired or Expected | Percent Reporting a Response | | (N) | |
|-------------------------------------|------------------------------|---------------------|--------------------|---------------------|
| | <i>Aspirations</i> | <i>Expectations</i> | <i>Aspirations</i> | <i>Expectations</i> |
| Less than high school | 0.3% | 0.3% | 24 | 29 |
| High school graduation | 2.6% | 4.2% | 230 | 368 |
| Less than 2 years of college | 6.2% | 8.9% | 546 | 786 |
| Two or more years of college | 15.5% | 18.7% | 1,369 | 1,652 |
| Finish college (4 or 5 year degree) | 32.9% | 37.4% | 2,915 | 3,307 |
| Master's degree | 22.3% | 18.6% | 1,978 | 1,647 |
| PhD, MD, or professional degree | 20.3% | 11.9% | 1,798 | 1,055 |
| Total Reporting | 100.0% | 100.0% | 8,860 | 8,844 |
| Not reported | | | 792 | 808 |
| Total UW-BHS Core Sample | | | 9,652 | 9,652 |
| BA or higher | 75.5% | 67.9% | | |

Notes:

College aspirations is measured by the question "How far would you like to go in school?"

College expectations is measured by the question "Realistically speaking, how far do you think you will get in school?"

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A2. Indicators of College Preparedness of UW-BHS High School Seniors

| | Percent of Total Reporting | | | (N) | | |
|--------------------------|----------------------------|----------------|---------------------------------------|----------------|----------------|---------------------------------------|
| | <i>SAT or ACT</i> | <i>AP Test</i> | <i>Applied to a four-year college</i> | <i>SAT/ACT</i> | <i>AP Test</i> | <i>Applied to a four-year college</i> |
| <i>Taken or applied</i> | | | | | | |
| Yes | 63.1% | 36.6% | 56.7% | 5,852 | 3,122 | 4,332 |
| No | 36.9% | 63.4% | 43.3% | 3,419 | 5,407 | 3,302 |
| Total Reporting | 100.0% | 100.0% | 100.0% | 9,271 | 8,529 | 7,634 |
| Not Reported | | | | 381 | 1,123 | 2,018 |
| Total UW-BHS Core Sample | | | | 9,652 | 9,652 | 9,652 |

| <i>College preparedness index</i> | Number of yes responses | | Percent | (N) |
|-----------------------------------|-------------------------|--|---------|-------|
| | | | | |
| 0 | 0 | | 22.4% | 2,162 |
| 0 | 1 | | 21.4% | 2,068 |
| 1 | 2 | | 31.0% | 2,989 |
| 1 | 3 | | 23.7% | 2,288 |
| Not reported | | | 1.5% | 145 |
| Total UW-BHS Core Sample | | | 100.0% | 9,652 |

Notes:

SAT and ACT are college entrance exams.

AP exams taken at the completion of Advanced Placement courses in high school.

Applied to a four-year college is based on whether a high school respondent identified a four-year college in response to questions of colleges likely to attend.

College preparedness is an index based on two or more positive responses to *SAT/ACT*, *AP Test*, or *Applied to a four-year college*

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A3. College Enrollment and Graduation of High School Seniors Based on Matched Records of the UW-BHS Senior Survey and the National Student Clearinghouse

| <i>College Enrollment</i> | Percent | (N) |
|------------------------------|---------|-------|
| in any college | 57.4% | 9,652 |
| in a four-year college | 31.4% | 9,652 |
| <i>College Graduation in</i> | | |
| 4 years | 16.1% | 9,652 |
| 5 years | 24.6% | 9,652 |
| 6 years | 27.8% | 9,652 |
| 7 years | 29.3% | 9,652 |

Notes:
College enrollment and *college graduation* are based on UW-BHS seniors matched to National Student Clearinghouse records.

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A4. Gender and Race-Ethnic Composition of UW-BHS High School Seniors

| | Race-ethnic composition by gender | | Gender composition within race-ethnic groups | | (N) | | |
|-------------------------------|-----------------------------------|--------|--|--------|-------|--------|-------|
| | Male | Female | Male | Female | Male | Female | Total |
| All Students | 100% | 100% | 45% | 55% | 4,383 | 5,269 | 9,652 |
| <i>Primary race-ethnicity</i> | | | | | | | |
| White | 61% | 60% | 46% | 54% | 2,687 | 3,187 | 5,874 |
| African American | 13% | 14% | 43% | 57% | 576 | 749 | 1,325 |
| American Indian | 1% | 2% | 39% | 61% | 58 | 90 | 148 |
| Asian American | 17% | 15% | 48% | 52% | 738 | 808 | 1,546 |
| East Asian | 6% | 5% | 49% | 51% | 268 | 275 | 543 |
| Cambodian | 3% | 3% | 45% | 55% | 120 | 149 | 269 |
| Vietnamese | 3% | 3% | 49% | 51% | 140 | 143 | 283 |
| Filipino | 3% | 3% | 49% | 51% | 131 | 138 | 269 |
| Other Asian | 2% | 2% | 43% | 57% | 79 | 103 | 182 |
| Pacific Islander | 2% | 2% | 43% | 57% | 81 | 109 | 190 |
| Mexican | 3% | 4% | 42% | 58% | 141 | 198 | 339 |
| Other Hispanic | 2% | 2% | 44% | 56% | 102 | 128 | 230 |

Note: *Primary race-ethnicity* is a set of mutually exclusive and exhaustive identities based on UW-BHS senior survey and administrative data.

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A5. Immigrant Generation and Primary Race-Ethnicity Composition of UW-BHS High School Seniors

| | <i>Race-ethnic composition by</i> | | | | <i>Immigrant generation composition by race-ethnicity</i> | | | | <i>(N)</i> | | | |
|---|-----------------------------------|--------|------------------|-------|---|--------|------------------|-------|-----------------------------|--------|------------------|-------|
| | <i>Immigrant generation</i> | | | | <i>Immigrant generation</i> | | | | <i>Immigrant generation</i> | | | |
| | First | Second | Third and higher | Total | First | Second | Third and higher | Total | First | Second | Third and higher | Total |
| <i>Total reporting immigrant generation</i> | 100% | 100% | 100% | 100% | 13% | 20% | 68% | 100% | 1,145 | 1,732 | 5,981 | 8,858 |
| <i>Primary race-ethnicity</i> | | | | | | | | | | | | |
| White | 23% | 36% | 75% | 61% | 5% | 12% | 84% | 100% | 262 | 625 | 4,512 | 5,399 |
| African American | 4% | 10% | 16% | 13% | 4% | 15% | 81% | 100% | 47 | 169 | 933 | 1,149 |
| American Indian | 0% | 1% | 2% | 1% | 2% | 9% | 89% | 100% | 2 | 12 | 113 | 127 |
| Asian American | 58% | 39% | 2% | 17% | 45% | 46% | 9% | 100% | 663 | 674 | 138 | 1,475 |
| <i>East Asian</i> | 17% | 15% | 1% | 6% | 36% | 49% | 15% | 100% | 191 | 264 | 80 | 535 |
| <i>Cambodian</i> | 11% | 8% | 0% | 3% | 47% | 53% | 0% | 100% | 122 | 136 | 0 | 258 |
| <i>Vietnamese</i> | 18% | 4% | 0% | 3% | 76% | 23% | 2% | 100% | 208 | 62 | 5 | 275 |
| <i>Filipino</i> | 7% | 8% | 1% | 3% | 30% | 56% | 14% | 100% | 79 | 147 | 37 | 263 |
| <i>Other Asian</i> | 6% | 4% | 0% | 2% | 44% | 45% | 11% | 100% | 63 | 65 | 16 | 144 |
| Pacific Islander | 1% | 4% | 2% | 2% | 8% | 37% | 55% | 100% | 14 | 66 | 99 | 179 |
| Mexican | 11% | 6% | 2% | 4% | 37% | 34% | 29% | 100% | 121 | 109 | 93 | 323 |
| Other Hispanic | 3% | 4% | 2% | 2% | 17% | 37% | 45% | 100% | 36 | 77 | 93 | 206 |

Notes:

The first generation consists of persons born outside of the United States and American territories and who are not U.S. citizens at birth.

The second generation consists of native born persons with one or both parents born outside the United States.

The third and higher generation consists of native born persons of native born parents.

There were 794 respondents who could not be classified by *immigrant generation* because of missing data on birthplace or parental birthplace.

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A6. Father's (or Father Figure's) and Mother's (or Mother Figure's) Educational Attainment of UW-BHS High School Seniors

| | Percent Distribution | | | | | | | | | | (N) | | | | | | | | | |
|--------------------------------------|--|--------------|------------------|----------|-------|--|--------------|------------------|----------|-------|--|--------------|------------------|----------|-------|--|--------------|------------------|----------|-------|
| | <i>Father's educational attainment</i> | | | | | <i>Mather's educational attainment</i> | | | | | <i>Father's educational attainment</i> | | | | | <i>Mather's educational attainment</i> | | | | |
| | High school or less | Some college | College graduate | NA or DK | Total | High school or less | Some college | College graduate | NA or DK | Total | High school or less | Some college | College graduate | NA or DK | Total | High school or less | Some college | College graduate | NA or DK | Total |
| All Students | 31% | 30% | 30% | 9% | 100% | 33% | 34% | 26% | 6% | 100% | 2,971 | 2,877 | 2,899 | 905 | 9,652 | 3,231 | 3,312 | 2,554 | 555 | 9,652 |
| <i>Gender</i> | | | | | | | | | | | | | | | | | | | | |
| Male | 31% | 28% | 32% | 9% | 100% | 33% | 32% | 28% | 7% | 100% | 1,344 | 1,232 | 1,393 | 414 | 4,383 | 1,453 | 1,393 | 1,222 | 315 | 4,383 |
| Female | 31% | 31% | 29% | 9% | 100% | 34% | 36% | 25% | 5% | 100% | 1,627 | 1,645 | 1,506 | 491 | 5,269 | 1,778 | 1,919 | 1,332 | 240 | 5,269 |
| <i>Primary race-ethnicity</i> | | | | | | | | | | | | | | | | | | | | |
| White | 27% | 30% | 36% | 7% | 100% | 28% | 37% | 31% | 4% | 100% | 1,603 | 1,779 | 2,100 | 392 | 5,874 | 1,661 | 2,156 | 1,822 | 235 | 5,874 |
| African American | 30% | 35% | 18% | 18% | 100% | 29% | 42% | 20% | 9% | 100% | 395 | 465 | 232 | 233 | 1,325 | 384 | 556 | 263 | 122 | 1,325 |
| American Indian | 47% | 27% | 15% | 11% | 100% | 47% | 39% | 11% | 3% | 100% | 70 | 40 | 22 | 16 | 148 | 69 | 58 | 17 | 4 | 148 |
| Asian American | 34% | 26% | 27% | 12% | 100% | 48% | 20% | 22% | 10% | 100% | 530 | 407 | 422 | 187 | 1,546 | 741 | 314 | 341 | 150 | 1,546 |
| East Asian | 25% | 28% | 41% | 6% | 100% | 41% | 22% | 33% | 4% | 100% | 137 | 150 | 225 | 31 | 543 | 220 | 122 | 179 | 22 | 543 |
| Cambodian | 50% | 20% | 6% | 24% | 100% | 68% | 9% | 0% | 23% | 100% | 134 | 54 | 16 | 65 | 269 | 182 | 24 | 1 | 62 | 269 |
| Vietnamese | 48% | 30% | 12% | 10% | 100% | 72% | 13% | 6% | 8% | 100% | 136 | 84 | 35 | 28 | 283 | 205 | 37 | 18 | 23 | 283 |
| Filipino | 27% | 30% | 35% | 9% | 100% | 26% | 33% | 38% | 3% | 100% | 73 | 80 | 93 | 23 | 269 | 71 | 89 | 101 | 8 | 269 |
| Other Asian | 27% | 21% | 29% | 22% | 100% | 35% | 23% | 23% | 19% | 100% | 50 | 39 | 53 | 40 | 182 | 63 | 42 | 42 | 35 | 182 |
| Pacific Islander | 48% | 33% | 14% | 5% | 100% | 43% | 42% | 11% | 4% | 100% | 91 | 62 | 27 | 10 | 190 | 82 | 80 | 21 | 7 | 190 |
| Mexican | 60% | 16% | 13% | 12% | 100% | 65% | 17% | 12% | 5% | 100% | 203 | 53 | 43 | 40 | 339 | 221 | 59 | 42 | 17 | 339 |
| Other Hispanic | 34% | 31% | 23% | 12% | 100% | 32% | 39% | 21% | 9% | 100% | 79 | 71 | 53 | 27 | 230 | 73 | 89 | 48 | 20 | 230 |
| <i>Immigrant generation</i> | | | | | | | | | | | | | | | | | | | | |
| First generation | 41% | 27% | 21% | 10% | 100% | 54% | 22% | 16% | 8% | 100% | 475 | 304 | 246 | 120 | 1,145 | 618 | 254 | 187 | 86 | 1,145 |
| Second generation | 32% | 29% | 29% | 9% | 100% | 39% | 31% | 25% | 5% | 100% | 560 | 510 | 506 | 156 | 1,732 | 669 | 543 | 438 | 82 | 1,732 |
| Third and higher generation | 29% | 32% | 33% | 6% | 100% | 29% | 39% | 30% | 2% | 100% | 1,712 | 1,893 | 1,988 | 388 | 5,981 | 1,723 | 2,340 | 1,781 | 137 | 5,981 |
| Total reporting immigrant generation | 31% | 31% | 31% | 7% | 100% | 34% | 35% | 27% | 3% | 100% | 2,747 | 2,707 | 2,740 | 664 | 8,858 | 3,010 | 3,137 | 2,406 | 305 | 8,858 |

Notes:

The question on father's (and mother's) educational attainment asked about the respondent's father (mother) or father (mother) figure--"the person who is most like a father (mother) to you."

NA = not available because respondent does not report having a father or father figure (or mother or mother figure)

DK = don't know

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A7. Parental Employment and Occupational SEI, Home Ownership, and Family Structure of UW-BHS High School Seniors

| | Father (Father Figure) | | Mother (Mother Figure) | | Percent | |
|--------------------------------------|----------------------------|-------------------------|----------------------------|-------------------------|-----------------------|----------------------|
| | Percent <i>Employed</i> | <i>Occupational SEI</i> | Percent <i>Employed</i> | <i>Occupational SEI</i> | <i>Home Ownership</i> | <i>Intact Family</i> |
| All Students | 82% | 58.8 | 75% | 62.2 | 73% | 61% |
| <i>Gender</i> | | | | | | |
| Male | 80% | 59.7 | 73% | 63.0 | 75% | 62% |
| Female | 83% | 58.1 | 78% | 61.6 | 71% | 60% |
| <i>Primary race-ethnicity</i> | | | | | | |
| White | 87% | 61.2 | 78% | 65.3 | 81% | 64% |
| African American | 68% | 55.4 | 74% | 60.1 | 52% | 36% |
| American Indian | 78% | 44.3 | 75% | 57.6 | 63% | 47% |
| Asian American | 76% | 55.5 | 68% | 53.1 | 66% | 72% |
| East Asian | 87% | 64.6 | 74% | 59.0 | 78% | 71% |
| Cambodian | 65% | 39.9 | 57% | 34.2 | 47% | 73% |
| Vietnamese | 61% | 41.1 | 58% | 37.3 | 49% | 80% |
| Filipino | 86% | 58.6 | 85% | 60.6 | 82% | 68% |
| Other Asian | 69% | 54.9 | 58% | 59.0 | 59% | 66% |
| Pacific Islander | 83% | 49.3 | 77% | 57.9 | 57% | 60% |
| Mexican | 74% | 47.4 | 66% | 50.7 | 56% | 60% |
| Other Hispanic | 79% | 55.4 | 72% | 59.6 | 69% | 57% |
| <i>Immigrant generation</i> | | | | | | |
| First generation | 70% | 47.1 | 59% | 47.8 | 52% | 74% |
| Second generation | 85% | 59.4 | 79% | 59.0 | 76% | 63% |
| Third and higher generation | 87% | 60.5 | 81% | 64.8 | 77% | 58% |
| Total reporting immigrant generation | 84% | 58.9 | 78% | 62.2 | 73% | 61% |
| (N) | 9,652 | 6,254 | 9,652 | 6,258 | 8,952 | 9,226 |

Notes:

Father (mother) employed is defined as having a father or father figure (mother or mother figure) working last month.

Occupational SEI is based on father's (mother's) occupation recoded into the education SEI scale from Hauser and Warren 1997.

Home ownership is defined as living in a house that is owned (not rented) by the respondent's family.

Intact family is defined as living with both birth (or adopted) parents at the time of the UW-BHS senior survey.

Respondents without a father or father figure (mother or mother figure) are coded NA (not available) and considered missing.

Respondents who do not report their father or father figure's (mother or mother figure's) employment and occupation are coded DK (don't know) and are considered missing.

Father's occupation is NA or DK for 1,539 male and 1,589 female respondents.

Mother's occupation is NA or DK for 1,757 male and 1,637 female respondents.

Home ownership was not reported for 700 males and 426 female respondents.

Immigrant generation was not reported for 794 respondents.

Intact family was not reported for 426 respondents.

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A8. Percent Reporting Encouragement to Attend College by Significant Others of UW-BHS High School Seniors

| | Percent Reporting Encouragement from | | | | | | Encouragement Index | (N) |
|--------------------------------------|--------------------------------------|--------|----------|---------|-------|---------|---------------------|-------|
| | Father | Mother | Siblings | Friends | Adult | Teacher | | |
| All Students | 73% | 82% | 62% | 73% | 83% | 83% | 4.6 | 9,460 |
| <i>Gender</i> | | | | | | | | |
| Male | 70% | 79% | 58% | 67% | 78% | 79% | 4.3 | 4,283 |
| Female | 76% | 85% | 66% | 78% | 87% | 87% | 4.8 | 5,177 |
| <i>Primary race-ethnicity</i> | | | | | | | | |
| White | 74% | 81% | 60% | 72% | 81% | 81% | 4.5 | 5,759 |
| African American | 65% | 80% | 61% | 71% | 84% | 84% | 4.5 | 1,297 |
| American Indian | 66% | 78% | 53% | 65% | 77% | 78% | 4.2 | 136 |
| Asian American | 82% | 88% | 73% | 82% | 89% | 87% | 5.0 | |
| East Asian | 86% | 92% | 72% | 84% | 90% | 85% | 5.1 | 517 |
| Cambodian | 72% | 81% | 75% | 82% | 86% | 87% | 4.8 | 254 |
| Vietnamese | 88% | 93% | 80% | 84% | 92% | 93% | 5.3 | 280 |
| Filipino | 79% | 87% | 69% | 82% | 90% | 85% | 4.9 | 257 |
| Other Asian | 75% | 79% | 65% | 76% | 86% | 83% | 4.6 | 201 |
| Pacific Islander | 71% | 82% | 65% | 70% | 86% | 85% | 4.6 | 192 |
| Mexican | 67% | 79% | 63% | 69% | 84% | 87% | 4.5 | 323 |
| Other Hispanic | 71% | 81% | 61% | 67% | 85% | 86% | 4.5 | 244 |
| <i>Immigrant generation</i> | | | | | | | | |
| First generation | 79% | 86% | 72% | 78% | 87% | 89% | 4.9 | 1,125 |
| Second generation | 75% | 84% | 67% | 77% | 86% | 84% | 4.7 | 1,705 |
| Third and higher generation | 73% | 82% | 60% | 72% | 83% | 83% | 4.5 | 5,880 |
| Total reporting immigrant generation | 75% | 83% | 63% | 74% | 84% | 84% | 4.6 | 8,710 |

Notes:

Encouragement is defined by the response "go to college" to the question: "What does (person) think is the most important thing for you do after High School?"

Encouragement index is the sum of encouraging significant others

NA (not available) and DK (don't know) responses are coded 0.

Adult is defined as "as adult whose advice you value."

Teacher is defined as "your favorite teacher."

Father's encouragement is missing for 192 respondents

Moher's encouragement is missing for 194 respondents

Sibling's encouragement is missing for 198 respondents

Friends' encouragement is missing for 188 respondents

Adult's encouragement is missing for 204 respondents

Favorite teacher's encouragement is missing for 176 respondents

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A9. Comparison of Self-Reported Grades and Actual School GPA of UW-BHS High School Seniors in District 1

| <i>Self Reported Grades</i> | GPA | | | Matched Sample of BHS Seniors | (N) |
|-----------------------------|---|--------------------------------------|---|-------------------------------------|-------|
| | Approximate Midpoint of self- reported grades | Based on Actual School Records | GAP between self-reported and actual GPA | | |
| Mostly A's | 3.90 | 3.62 | 0.28 | 22% | 1,280 |
| Half A's and Half B's | 3.50 | 3.15 | 0.35 | 28% | 1,633 |
| Mostly B's | 3.00 | 2.83 | 0.17 | 16% | 943 |
| Half B's and Half C's | 2.50 | 2.43 | 0.07 | 20% | 1,161 |
| Mostly C's | 2.00 | 2.17 | -0.17 | 7% | 390 |
| Half C's and Half D's | 1.50 | 1.91 | -0.41 | 3% | 195 |
| Mostly D's | 1.00 | 1.72 | -0.72 | 1% | 30 |
| Mostly Below D | 0.50 | 1.83 | -1.33 | 0% | 6 |
| Missing | NA | 2.67 | | 2% | 106 |
| TOTAL | 3.11 | 2.93 | 0.18 | 100% | 5,744 |

Notes:

Self reported grades are the responses to the survey question on "In general, what grades do you get?"

Self reported grades are coded as a GPA based on the approximate midpoint of the range.

The actual school GPA is the mean numeric grade received in high school courses based on transcripts of matched UW-BHS high school seniors (with at least 4 graded courses) in District 1.

GAP is the difference between the midpoint of self-reported GPA and the actual school GPA of UW high school seniors in District 1.

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 3.A10. Comparison of Actual and Self-Reported GPA (Recalibrated) by Gender, Race-Ethnicity and Immigrant Generation of UW-BHS High School Seniors in School District 1.

| | Academic Performance (GPA) | | GAP (2) -(1) | (N) |
|--------------------------------------|----------------------------|-----------------------------------|-----------------|-------|
| | Based on School Records | Self-Reported GPA recalibrated | | |
| | (1) | (2) | | |
| All Students | 2.96 | 2.94 | -0.02 | 4,224 |
| <i>Gender</i> | | | | |
| Male | 2.79 | 2.81 | 0.03 | 1,873 |
| Female | 3.10 | 3.04 | -0.05 | 2,348 |
| <i>Primary race-ethnicity</i> | | | | |
| White | | | | |
| African American | 3.03 | 2.98 | -0.05 | 2,529 |
| American Indian | 2.67 | 2.78 | 0.11 | 674 |
| Asian American | 2.73 | 2.84 | 0.11 | 73 |
| East Asian | 3.10 | 3.00 | -0.09 | 628 |
| Cambodian | 3.15 | 3.04 | -0.11 | 161 |
| Vietnamese | 2.86 | 2.85 | -0.01 | 165 |
| Filipino | 3.35 | 3.17 | -0.18 | 159 |
| Other Asian | 3.02 | 2.96 | -0.06 | 82 |
| Pacific Islander | 3.00 | 2.95 | -0.06 | 61 |
| Mexican | 2.71 | 2.78 | 0.07 | 79 |
| Other Hispanic | 2.82 | 2.86 | 0.04 | 143 |
| | 2.83 | 2.85 | 0.02 | 98 |
| <i>Immigrant generation</i> | | | | |
| First generation | | | | |
| Second generation | 3.04 | 2.97 | -0.07 | 451 |
| Third and higher generation | 2.99 | 2.97 | -0.02 | 720 |
| Total reporting immigrant generation | 2.98 | 2.96 | -0.02 | 2,681 |
| Total | 2.99 | 2.96 | -0.03 | 3,852 |

Notes:

The actual school GPA is the mean numeric grade received in high school courses based on transcripts of matched UW-BHS high school seniors (with at least 4 graded courses) in District 1.

The recalibrated self-reported grades are based on responses to the question: "In general, what grades do you get," but the mean for each response category is taken from the second column (school based GPA) from appendix table 3.A9 instead of the approximate midpoint.

GAP is the difference between the midpoint of self-reported GPA and the actual school GPA of UW high school seniors in District 1.

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 5.A1. Logistic Regression of the Conditional Probability of Expecting to Graduate from College of UW-BHS High School Seniors with College Aspirations

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|-----------|----------|----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.23 ** | 1.27 ** | 0.96 | 1.11 | 0.87 |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.53 *** | 0.84 | 1.09 | 0.77 * | 0.97 |
| American Indian | 0.36 *** | 0.60 | 0.64 | 0.55 * | 0.57 |
| East Asian | 1.44 ** | 1.50 | 1.44 | 1.34 | 1.32 |
| Cambodian | 0.37 *** | 0.77 | 0.84 | 0.57 * | 0.65 |
| Vietnamese | 1.34 | 2.51 ** | 1.81 | 1.81 * | 1.43 |
| Filipino | 0.64 * | 0.65 | 0.69 | 0.58 * | 0.63 |
| Other Asian | 0.69 | 0.90 | 0.87 | 0.86 | 0.85 |
| Pacific Islander | 0.27 *** | 0.36 *** | 0.47 ** | 0.32 *** | 0.41 *** |
| Mexican | 0.41 *** | 0.69 ** | 0.79 | 0.59 * | 0.69 |
| Other Hispanic | 0.75 | 0.94 | 1.16 | 0.92 | 1.11 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 0.75 * | 0.99 | 0.91 | 0.92 | 0.87 |
| Second generation | 0.98 | 1.06 | 1.05 | 1.04 | 1.02 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | | 1.32 ** | 1.28 * | 1.24 * | 1.21 |
| College degree or above | | 1.87 *** | 1.72 *** | 1.72 *** | 1.62 ** |
| No father or DK | | 1.05 | 1.03 | 1.15 | 1.11 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | | 1.38 ** | 1.34 ** | 1.37 ** | 1.34 ** |
| College degree or above | | 1.95 *** | 1.83 *** | 1.87 *** | 1.78 *** |
| No mother or DK | | 0.91 | 1.03 | 0.98 | 1.09 |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | | 0.90 | 0.93 | 0.84 | 0.89 |
| Father SEI (employed x SEI) | | 1.009 *** | 1.008 ** | 1.01 ** | 1.008 ** |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | | 0.63 ** | 0.64 | 0.64 * | 0.65 * |
| Mother SEI (employed x SEI) | | 1.008 ** | 1.008 ** | 1.01 ** | 1.007 * |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | | 1.30 * | 1.19 | 1.23 * | 1.16 |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | | 1.20 | 1.11 | 1.10 | 1.03 |

| | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|
| <i>GPA</i> | | | 5.03 *** | | 4.35 *** |
| <i>Encouragement Index</i> | | | | 1.42 *** | 1.34 *** |
| Constant | 9.20 *** | 2.37 *** | 0.03 *** | 0.64 * | 0.02 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.021 | 0.079 | 0.151 | 0.121 | 0.178 |
| BIC index | 4,654 | 4,464 | 4,136 | 4,275 | 4,019 |
| Number of observations | 6,635 | 6,635 | 6,635 | 6,635 | 6,635 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 6,635 UW-BHS students includes all respondents who aspire to graduate from college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** <.001

Appendix Table 5.A2 . Logistic Regression of the Conditional Probability of Being College Prepared of UW-BHS High School Seniors Expecting to Graduate from College

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|-----------|----------|-----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.31 *** | 1.35 *** | 1.00 | 1.24 *** | 0.94 |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.65 *** | 1.04 | 1.53 *** | 0.99 | 1.45 *** |
| American Indian | 0.53 ** | 0.89 | 0.99 | 0.87 | 0.95 |
| East Asian | 2.97 *** | 3.13 *** | 3.37 *** | 3.02 *** | 3.28 *** |
| Cambodian | 0.85 | 1.64 * | 1.91 ** | 1.37 | 1.65 * |
| Vietnamese | 1.09 | 1.85 ** | 1.42 | 1.55 * | 1.25 |
| Filipino | 1.19 | 1.15 | 1.22 | 1.08 | 1.16 |
| Other Asian | 0.97 | 1.19 | 1.18 | 1.20 | 1.20 |
| Pacific Islander | 0.78 | 1.10 | 1.54 | 0.97 | 1.38 |
| Mexican | 0.60 ** | 0.90 | 1.00 | 0.79 | 0.90 |
| Other Hispanic | 0.74 | 0.92 | 1.16 | 0.91 | 1.13 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 0.56 *** | 0.73 * | 0.67 ** | 0.68 ** | 0.63 ** |
| Second generation | 1.07 | 1.11 | 1.12 | 1.10 | 1.12 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | | 1.10 | 1.10 | 1.07 | 1.08 |
| College degree or above | | 1.62 *** | 1.56 *** | 1.53 *** | 1.50 *** |
| No father or DK | | 1.08 | 1.08 | 1.19 | 1.18 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | | 1.15 | 1.12 * | 1.13 * | 1.12 |
| College degree or above | | 1.57 *** | 1.48 *** | 1.53 *** | 1.46 ** |
| No mother or DK | | 0.64 ** | 0.66 ** | 0.67 * | 0.68 * |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | | 0.86 | 0.85 | 0.81 | 0.80 |
| Father SEI (employed x SEI) | | 1.006 *** | 1.006 ** | 1.006 *** | 1.006 ** |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | | 0.87 | 0.89 | 0.88 | 0.89 |
| Mother SEI (employed x SEI) | | 1.004 * | 1.005 * | 1.004 | 1.004 * |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | | 1.56 *** | 1.49 *** | 1.49 *** | 1.44 *** |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | | 1.23 ** | 1.13 | 1.15 | 1.08 |

| | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|
| <i>GPA</i> | | | 6.15 *** | | 5.71 *** |
| <i>Encouragement Index</i> | | | | 1.38 *** | 1.31 *** |
| Constant | 2.03 *** | 0.55 *** | 0.00 *** | 0.14 *** | 0.00 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.019 | 0.070 | 0.161 | 0.098 | 0.177 |
| BIC index | 7,297 | 7,000 | 6,344 | 6,807 | 6,230 |
| Number of observations | 5,891 | 5,891 | 5,891 | 5,891 | 5,891 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 5,891 UW-BHS students includes all respondents who expect to graduate from college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** < .001

Appendix Table 5.A3. Logistic Regression of the Conditional Probability of Enrolling in a Four-Year College (NSC Only) of College Prepared UW-BHS High School Seniors

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|----------|----------|----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.14 | 1.16 * | 1.04 | 1.12 | 1.01 |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.53 *** | 0.63 *** | 0.75 * | 0.61 *** | 0.72 ** |
| American Indian | 0.52 * | 0.63 | 0.66 | 0.62 | 0.65 |
| East Asian | 0.62 *** | 0.64 ** | 0.63 *** | 0.63 *** | 0.61 *** |
| Cambodian | 0.60 | 0.80 | 0.84 | 0.73 | 0.77 |
| Vietnamese | 0.78 | 1.01 | 0.87 | 0.92 | 0.81 |
| Filipino | 0.79 | 0.80 | 0.79 | 0.75 | 0.75 |
| Other Asian | 0.87 | 0.93 | 0.93 | 0.93 | 0.93 |
| Pacific Islander | 0.43 ** | 0.52 * | 0.62 | 0.48 ** | 0.57 * |
| Mexican | 0.67 | 0.79 | 0.82 | 0.74 | 0.78 |
| Other Hispanic | 0.86 | 0.92 | 0.97 | 0.92 | 0.96 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 0.54 *** | 0.60 *** | 0.58 | 0.58 *** | 0.57 *** |
| Second generation | 0.86 | 0.88 | 0.89 | 0.89 | 0.89 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | | 1.01 | 1.02 | 1.00 | 1.02 |
| College degree or above | | 1.15 | 1.15 | 1.13 | 1.14 |
| No father or DK | | 0.98 | 1.06 | 1.07 | 1.14 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | | 1.11 | 1.10 | 1.09 | 1.09 |
| College degree or above | | 1.18 | 1.14 | 1.17 | 1.14 |
| No mother or DK | | 0.95 | 0.90 | 0.98 | 0.93 |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | | 0.97 | 0.98 | 0.94 | 0.94 |
| Father SEI (employed x SEI) | | 1.00 | 1.00 | 1.00 | 1.00 |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | | 0.87 | 0.88 | 0.88 | 0.89 |
| Mother SEI (employed x SEI) | | 1.00 | 1.00 | 1.00 | 1.00 |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | | 1.14 | 1.10 | 1.11 | 1.08 |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | | 1.09 | 1.04 | 1.03 | 1.00 |

| | | | | | |
|--------------------------------------|----------|-------|----------|----------|----------|
| <i>GPA</i> | | | 2.44 *** | | 2.35 *** |
| <i>Encouragement Index</i> | | | | 1.24 *** | 1.21 *** |
| Constant | 2.39 *** | 1.40 | 0.09 | 0.52 ** | 0.04 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.017 | 0.020 | 0.040 | 0.028 | 0.046 |
| BIC index | 5,164 | 5,224 | 5,129 | 5,188 | 5,103 |
| Number of observations | 4,033 | 4,033 | 4,033 | 4,033 | 4,033 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 4,033 UW-BHS students includes all respondents who are college prepared and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

NSC = National Student Clearinghouse

* < .05 ** < .01 *** < .001

Appendix Table 5.A4. Logistic Regression of the Conditional Probability of Enrolling in a Four-Year College (NSC or UW-BHS Follow up) of College Prepared UW-BHS High School Seniors

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|----------|----------|-----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| Gender (male omitted) | | | | | |
| Female | 1.20 * | 1.24 * | 1.01 | 1.19 | 0.98 |
| Race-ethnicity (white omitted) | | | | | |
| African American | 0.45 *** | 0.62 *** | 0.84 | 0.60 *** | 0.81 |
| American Indian | 0.48 * | 0.70 | 0.75 | 0.67 | 0.72 |
| East Asian | 1.35 | 1.45 * | 1.51 * | 1.40 | 1.47 * |
| Cambodian | 0.54 * | 0.87 | 0.97 | 0.77 | 0.87 |
| Vietnamese | 1.04 | 1.59 | 1.25 | 1.41 | 1.15 |
| Filipino | 0.59 * | 0.60 * | 0.59 * | 0.55 * | 0.55 * |
| Other Asian | 0.60 | 0.68 | 0.66 | 0.67 | 0.66 |
| Pacific Islander | 0.37 ** | 0.52 * | 0.75 | 0.46 * | 0.67 |
| Mexican | | 1.06 | 1.18 | 0.97 | 1.10 |
| Other Hispanic | 0.96 | 1.12 | 1.31 | 1.12 | 1.30 |
| Immigrant generation (third omitted) | | | | | |
| First generation | 0.61 ** | 0.70 * | 0.65 * | 0.68 * | 0.63 ** |
| Second generation | 0.82 | 0.83 | 0.83 | 0.84 | 0.83 |
| <i>Social-origins variables</i> | | | | | |
| Father educ (HS or less omitted) | | | | | |
| Some college, no degree | | 0.85 | 0.87 | 0.85 | 0.87 |
| College degree or above | | 1.09 | 1.08 | 1.06 | 1.06 |
| No father or DK | | 0.97 | 1.11 | 1.08 | 1.23 |
| Mother educ (HS or less is omitted) | | | | | |
| Some college, no degree | | 1.23 | 1.23 | 1.20 | 1.21 |
| College degree or above | | 1.48 ** | 1.43 * | 1.46 * | 1.42 * |
| No mother or DK | | 0.79 | 0.71 | 0.81 | 0.73 |
| Father SEI (not working, NA, DK omitted) | | | | | |
| Father employed | | 0.85 | 0.83 | 0.81 | 0.80 |
| Father SEI (employed x SEI) | | 1.008 ** | 1.008 ** | 1.008 *** | 1.008 ** |
| Mother SEI (not working, NA, DK omitted) | | | | | |
| Mother employed | | 0.77 | 0.77 | 0.78 | 0.78 |
| Mother SEI (employed x SEI) | | 1.004 | 1.004 | 1.003 | 1.004 |
| Home ownership (renting omitted) | | | | | |
| Family owns home | | 1.11 | 1.04 | 1.08 | 1.01 |
| Family structure (not intact omitted) | | | | | |
| Lives with biological or adoptive parents | | 1.30 ** | 1.24 * | 1.22 * | 1.18 |
| <i>GPA</i> | | | 4.92 *** | | 4.70 *** |

| | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|
| <i>Encouragement Index</i> | | | | 1.32 *** | 1.27 *** |
| Constant | 4.90 *** | 2.15 *** | 0.02 *** | 0.61 | 0.01 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.016 | 0.038 | 0.097 | 0.052 | 0.107 |
| BIC index | 3,965 | 3,956 | 3,730 | 3,907 | 3,697 |
| Number of observations | 4,033 | 4,033 | 4,033 | 4,033 | 4,033 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 4,033 UW-BHS students includes all respondents who are college prepared and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** < .001

Appendix Table 5.A5. Logistic Regression of the Conditional Probability of College Graduation (in Seven Years) of College Entrant UW-BHS High School Seniors

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|---------|---------|---------|---------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.28 ** | 1.32 ** | 1.12 | 1.32 ** | 1.12 |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.44 *** | 0.60 ** | 0.75 | 0.60 ** | 0.75 |
| American Indian | 0.42 * | 0.59 | 0.68 | 0.59 | 0.68 |
| East Asian | 0.66 * | 0.68 * | 0.67 * | 0.67 * | 0.67 * |
| Cambodian | 0.46 | 0.72 | 0.71 | 0.70 | 0.70 |
| Vietnamese | 1.61 | 2.55 * | 2.11 | 2.49 * | 2.10 |
| Filipino | 0.53 * | 0.55 | 0.49 * | 0.54 * | 0.49 * |
| Other Asian | 0.80 | 0.85 | 0.84 | 0.85 | 0.84 |
| Pacific Islander | 0.19 *** | 0.28 ** | 0.30 ** | 0.28 ** | 0.30 ** |
| Mexican | 0.57 | 0.86 | 0.95 | 0.85 | 0.95 |
| Other Hispanic | 0.46 * | 0.50 * | 0.52 * | 0.50 * | 0.52 * |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 1.21 | 1.42 | 1.44 | 1.42 | 1.44 |
| Second generation | 1.02 | 1.05 | 1.07 | 1.05 | 1.07 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | | 1.18 | 1.21 | 1.19 | 1.21 |
| College degree or above | | 1.34 | 1.33 | 1.34 | 1.33 |
| No father or DK | | 1.29 | 1.42 | 1.33 | 1.43 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | | 1.17 | 1.21 | 1.16 | 1.21 |
| College degree or above | | 1.56 ** | 1.58 ** | 1.55 ** | 1.58 ** |
| No mother or DK | | 1.33 | 1.14 | 1.34 | 1.15 |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | | 0.98 | 0.93 | 0.97 | 0.93 |
| Father SEI (employed x SEI) | | 1.005 | 1.005 | 1.005 | 1.005 * |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | | 1.02 | 0.96 | 1.02 | 0.96 |
| Mother SEI (employed x SEI) | | 1.000 | 1.001 | 1.000 | 1.001 |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | | 1.29 | 1.23 | 1.27 | 1.22 |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | | 1.21 | 1.20 | 1.20 | 1.20 |

| | | | | | |
|--------------------------------------|----------|-------|----------|-------|----------|
| <i>GPA</i> | | | 4.36 *** | | 4.35 *** |
| <i>Encouragement Index</i> | | | | 1.06 | 1.02 |
| Constant | 3.12 *** | 0.98 | 0.01 *** | 0.74 | 0.01 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.015 | 0.031 | 0.076 | 0.031 | 0.076 |
| BIC index | 3,043 | 3,066 | 2,936 | 3,073 | 2,943 |
| Number of observations | 2,666 | 2,666 | 2,666 | 2,666 | 2,666 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 2,666 UW-BHS students includes all respondents who enrolled in a four-year college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** <.001

Appendix Table 5.A6. Logistic Regression of the Conditional Probability of College Graduation (in Seven Years) of UW-BHS High School Seniors Who Did Not Enroll in a Four-Year College Right After High School: Alternative Pathways

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|----------|----------|----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.27 ** | 1.37 ** | 1.06 | 1.22 * | 1.00 |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.52 *** | 0.71 * | 0.86 | 0.66 ** | 0.80 |
| American Indian | 0.21 ** | 0.30 * | 0.32 | 0.30 * | 0.32 * |
| East Asian | 1.29 | 1.11 | 0.96 | 1.01 | 0.89 |
| Cambodian | 0.76 | 1.35 | 1.41 | 1.17 | 1.24 |
| Vietnamese | 2.43 *** | 3.53 *** | 2.88 *** | 2.88 *** | 2.46 *** |
| Filipino | 0.92 | 0.79 | 0.85 | 0.74 | 0.80 |
| Other Asian | 0.99 | 1.16 | 1.19 | 1.12 | 1.16 |
| Pacific Islander | 0.22 ** | 0.28 * | 0.31 * | 0.25 ** | 0.29 * |
| Mexican | 0.38 ** | 0.55 | 0.60 | 0.51 * | 0.56 |
| Other Hispanic | 0.44 * | 0.52 | 0.57 | 0.50 | 0.55 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 0.76 | 0.89 | 0.85 | 0.79 | 0.77 |
| Second generation | 1.09 | 1.12 | 1.10 | 1.07 | 1.07 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | | 1.42 ** | 1.41 ** | 1.34 * | 1.35 * |
| College degree or above | | 2.04 *** | 1.96 *** | 1.91 *** | 1.88 *** |
| No father or DK | | 1.03 | 1.06 | 1.10 | 1.11 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | | 1.13 | 1.09 | 1.12 | 1.07 |
| College degree or above | | 1.51 ** | 1.33 | 1.44 * | 1.29 |
| No mother or DK | | 0.73 | 0.75 | 0.76 | 0.77 |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | | 0.89 | 0.94 | 0.88 | 0.92 |
| Father SEI (employed x SEI) | | 1.005 | 1.003 | 1.004 | 1.003 |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | | 0.74 | 0.73 | 0.76 | 0.75 |
| Mother SEI (employed x SEI) | | 1.004 | 1.005 | 1.004 | 1.004 |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | | 1.50 ** | 1.48 ** | 1.47 ** | 1.45 ** |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | | 1.39 ** | 1.27 ** | 1.30 ** | 1.21 |

| | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|
| <i>GPA</i> | | | 3.32 *** | | 2.99 *** |
| <i>Encouragement Index</i> | | | | 1.31 *** | 1.25 *** |
| Constant | 0.10 *** | 0.03 *** | 0.00 *** | 0.01 *** | 0.00 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.016 | 0.060 | 0.098 | 0.082 | 0.111 |
| BIC index | 4,079 | 3,983 | 3,838 | 3,902 | 3,789 |
| Number of observations | 6,625 | 6,625 | 6,625 | 6,625 | 6,625 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The UW-BHS sample of 6,625 includes all students who did not enroll in a four-year college right after high school, including those with missing data on earlier stages of the College Pathways Model.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** < .001

Appendix Table 6.A1. Survey Questions Used to Construct Indexes of Cultural Contexts, Orientations and Expressions from the UW-BHS Senior Survey

CULTURAL CONTEXTS

Parental Communication and Support Index

- "How often have you and your parents discussed school activities" (never, rarely, sometimes, often)?
- "How often have you and your parents discussed going to college" (never, rarely, sometimes, often)?
- "I have frequent in-depth conversations with my parents" (strongly agree, agree, disagree, strongly disagree).
- "I can go to my parent(s) or guardian(s) for advice and support" (strongly agree, agree, disagree, strongly disagree).
- "My parent(s) or guardian(s) are usually unhappy or disappointed with what I do" (reverse coded: strongly disagree, disagree, agree, strongly agree).
- "My family will support me in whatever I choose to do after high school" (strongly agree, agree, disagree, strongly disagree).

Parental Communication and Support Index

- "My parents know many of the parents of my closest school friends." (strongly agree, agree, disagree, strongly disagree).
- "My parents know many of my closest school friends." (strongly agree, agree, disagree, strongly disagree).

Encouragement Index based on the sum of the number of Significant Others who responded "go to college" to the following question:

- What does your [father] or the person most like a father to you, think is the most important thing for you to do after high school?
- The question was repeated for mother, brothers or sisters, friends, favorite teacher, and an "adult whose advice you value."

Family Expected College Index

- "My family has always expected me to go to college" (strongly agree, agree, disagree, strongly disagree).

Friends' College Plans Index

- "How many of your high school friends are planning to attend a four-year college?" (none or some, less than half, about half, more than half, most or all)

CULTURAL ORIENTATIONS

School is Important Index

- "How well I do in school is an important part of who I am as a person." (reverse coded: strongly disagree, disagree, agree, strongly agree).

Locus of Control Index

- "In my life, good luck is more important than hard work for success." (strongly agree, agree, disagree, strongly disagree)
- "When I make plans, I am almost certain that I can make them work." (strongly agree, agree, disagree, strongly disagree)
- "Every time I tried to get ahead, something or somebody stops me." (strongly agree, agree, disagree, strongly disagree)
- "My plans hardly ever work out, so planning only makes me unhappy." (strongly agree, agree, disagree, strongly disagree)
- "I don't have enough control over the direction my life is taking." (strongly agree, agree, disagree, strongly disagree)
- "Chance and luck are very important to what happens in my life." (strongly agree, agree, disagree, strongly disagree)

CULTURAL EXPRESSIONS

Self-Reported GPA (for details on how midpoint of range is assigned, see Appendix Tables 3.A9 and 3.A10).

"In general ,what grades do you get/"

1) Mostly A's, 2) Half A's and half B's, 3) Mostly B's, 4) Half B's and half C's, 5) Mostly C's, 6) Half C's and half D's, 7) Mostly D's, and 8) Mostly below D's.

Home Work Hours

"Overall, about how much time do you spend on homework each week outside of school?"

0) None, 1) Less than 1 hour, 2) 1 to 2 hours, 3) 3 or 4 hours, 4) 5 or 6 hours, 5) 7, 8, or 9 hours, 6) over 10hours

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Appendix Table 6.A2. Educational Transition Ratios of the College Pathways Model by Cultural Context, Cultural Orientations, and Cultural Expressions of UW-BHS High School Seniors

| | Educational-Transition Ratios | | | | | Number of UW-BHS respondents at each transition | | | | |
|---|-------------------------------|----------------------|-----------------------|-----------------------|------------------------|---|---------|----------|----------|----------|
| | Aspired | Expected/ Aspired | Prepared/ Expected | Enrolled/ Prepared | Graduated/ Enrolled | Total | Aspired | Expected | Prepared | Enrolled |
| All students | .76 | .89 | .68 | .66 | .75 | 8,719 | 6,635 | 5,891 | 4,033 | 2,666 |
| <i>Parental Communication and Support</i> | | | | | | | | | | |
| Highest 1/3 | .85 | .95 | .74 | .70 | .79 | 2,485 | 2,123 | 2,010 | 1,494 | 1,043 |
| Middle 1/3 | .79 | .90 | .70 | .68 | .76 | 2,982 | 2,348 | 2,114 | 1,472 | 1,001 |
| Lowest 1/3 | .67 | .81 | .61 | .59 | .66 | 3,181 | 2,121 | 1,728 | 1,057 | 619 |
| <i>Parents Know Friends</i> | | | | | | | | | | |
| Strongly Agree | .82 | .92 | .74 | .67 | .79 | 2,043 | 1,668 | 1,536 | 1,130 | 755 |
| Agree | .76 | .90 | .69 | .67 | .75 | 4,283 | 3,249 | 2,914 | 2,008 | 1,342 |
| Disagree & Strong Disagree | .72 | .84 | .63 | .64 | .69 | 2,274 | 1,643 | 1,377 | 873 | 558 |
| <i>Encouragement Index</i> | | | | | | | | | | |
| Highest 1/3 | .89 | .94 | .75 | .70 | .77 | 3,930 | 3,491 | 3,279 | 2,473 | 1,720 |
| Middle 1/3 | .79 | .86 | .66 | .63 | .71 | 2,991 | 2,361 | 2,036 | 1,334 | 841 |
| Lowest 1/3 | .43 | .73 | .40 | .47 | .74 | 1,711 | 732 | 531 | 215 | 100 |
| <i>Family Always Expect College</i> | | | | | | | | | | |
| Strongly Agree | .87 | .92 | .75 | .68 | .76 | 4,374 | 3,827 | 3,535 | 2,647 | 1,789 |
| Agree | .70 | .87 | .61 | .63 | .75 | 3,010 | 2,106 | 1,829 | 1,124 | 711 |
| Disagree | .52 | .75 | .51 | .63 | .64 | 1,104 | 574 | 430 | 219 | 138 |
| Strongly Disagree | .55 | .76 | .44 | .63 | .63 | 232 | 128 | 97 | 43 | 27 |
| <i>Friends Plan to Attend College</i> | | | | | | | | | | |
| Most or All | .94 | .96 | .85 | .73 | .81 | 1,919 | 1,811 | 1,744 | 1,490 | 1,090 |
| More than Half | .89 | .93 | .77 | .69 | .76 | 1,526 | 1,351 | 1,255 | 970 | 665 |
| About Half | .78 | .90 | .63 | .61 | .68 | 1,744 | 1,362 | 1,221 | 765 | 463 |
| Less than Half | .65 | .83 | .54 | .57 | .63 | 1,401 | 914 | 761 | 411 | 235 |
| None or Don't Know | .56 | .75 | .44 | .54 | .67 | 2,001 | 1,121 | 846 | 372 | 201 |
| <i>School is Important</i> | | | | | | | | | | |
| Strongly Agree | .82 | .92 | .73 | .66 | .79 | 2,658 | 2,174 | 2,005 | 1,472 | 978 |
| Agree | .76 | .89 | .68 | .67 | .75 | 3,739 | 2,825 | 2,521 | 1,726 | 1,155 |
| Disagree | .72 | .83 | .63 | .65 | .66 | 1,811 | 1,299 | 1,074 | 672 | 440 |
| Strongly Disagree | .64 | .86 | .56 | .55 | .67 | 431 | 275 | 236 | 132 | 73 |
| <i>Locus of Control</i> | | | | | | | | | | |

| | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|
| Highest 1/3 | .84 | .95 | .73 | .70 | .78 | 3,015 | 2,529 | 2,411 | 1,755 | 1,222 |
| Middle 1/3 | .77 | .89 | .68 | .67 | .74 | 2,917 | 2,239 | 1,991 | 1,356 | 909 |
| Lowest 1/3 | .67 | .80 | .62 | .58 | .70 | 2,781 | 1,864 | 1,487 | 920 | 535 |
| <i>Home Work Hours</i> | | | | | | | | | | |
| Highest 1/3 | .87 | .94 | .77 | .70 | .78 | 3,569 | 3,117 | 2,921 | 2,237 | 1,561 |
| Middle 1/3 | .73 | .87 | .64 | .63 | .70 | 2,586 | 1,880 | 1,631 | 1,043 | 654 |
| Lowest 1/3 | .64 | .81 | .57 | .60 | .68 | 2,235 | 1,429 | 1,161 | 661 | 398 |
| <i>Self Reported GPA</i> | | | | | | | | | | |
| Higher than 3.5 | .91 | .97 | .87 | .74 | .85 | 2,112 | 1,929 | 1,863 | 1,614 | 1,187 |
| 2.75 to 3.50 | .79 | .91 | .69 | .65 | .70 | 3,978 | 3,161 | 2,884 | 1,992 | 1,290 |
| Less than 2.75 | .59 | .73 | .37 | .44 | .45 | 2,491 | 1,460 | 1,069 | 400 | 176 |
| <i>Self Reported GPA - Predicted GPA</i> | | | | | | | | | | |
| Highest 1/3 | .82 | .93 | .78 | .72 | .78 | 1,235 | 1,010 | 940 | 736 | 530 |
| Middle 1/3 | .75 | .89 | .68 | .66 | .70 | 1,238 | 927 | 828 | 559 | 369 |
| Lowest 1/3 | .65 | .78 | .40 | .49 | .50 | 1,186 | 766 | 595 | 238 | 117 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The samples of UW-BHS students include all respondents with nonmissing data on college aspirations, college expectations, college preparedness and each variable in the panel.

The mean of each index is based on values with nonmissing data for survey questions used to construct the index, for example, a five-item indexes are occasionally based on three or four items. Predicted GPA is only available for UW-BHS seniors in District 1.

Appendix Table 6.A3. Logistic Regression of the Conditional Probability of Expecting to Graduate from College of College Aspiring UW-BHS High School Seniors with Cultural Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|-----------|----------|----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.23 ** | 1.27 ** | 1.05 | 0.90 | 0.76 ** |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.53 *** | 0.84 | 0.79 | 0.79 | 0.97 |
| American Indian | 0.36 *** | 0.60 | 0.55 | 0.56 | 0.57 |
| East Asian | 1.44 ** | 1.50 | 1.18 | 1.25 | 1.23 |
| Cambodian | 0.37 *** | 0.77 | 0.60 ** | 0.53 * | 0.58 * |
| Vietnamese | 1.34 | 2.51 ** | 1.67 | 1.69 | 1.25 |
| Filipino | 0.64 * | 0.65 | 0.54 ** | 0.50 * | 0.55 * |
| Other Asian | 0.69 | 0.90 | 0.77 | 0.75 | 0.76 |
| Pacific Islander | 0.27 *** | 0.36 *** | 0.32 *** | 0.31 *** | 0.37 *** |
| Mexican | 0.41 *** | 0.69 ** | 0.64 * | 0.57 * | 0.64 |
| Other Hispanic | 0.75 | 0.94 | 0.93 | 0.96 | 1.14 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 0.75 * | 0.99 | 1.02 | 1.09 | 0.97 |
| Second generation | 0.98 | 1.06 | 1.03 | 1.10 | 1.05 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | | 1.32 ** | 1.18 | 1.19 | 1.16 |
| College degree or above | | 1.87 *** | 1.61 ** | 1.63 ** | 1.53 ** |
| No father or DK | | 1.05 | 1.11 | 1.08 | 1.04 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | | 1.38 ** | 1.30 * | 1.29 * | 1.26 * |
| College degree or above | | 1.95 *** | 1.60 ** | 1.65 ** | 1.57 ** |
| No mother or DK | | 0.91 | 1.01 | 1.03 | 1.07 |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | | 0.90 | 0.88 | 0.81 | 0.84 |
| Father SEI (employed x SEI) | | 1.009 *** | 1.007 ** | 1.007 ** | 1.007 * |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | | 0.63 ** | 0.67 * | 0.63 * | 0.63 * |
| Mother SEI (employed x SEI) | | 1.008 ** | 1.006 * | 1.007 * | 1.007 * |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | | 1.30 * | 1.14 | 1.17 | 1.12 |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | | 1.20 | 1.01 | 1.04 | 1.01 |

Cultural variables

Cultural context

| | | | | |
|-------------------------------------|----------|--|----------|----------|
| Parental communication and support | 1.58 *** | | 1.14 | 1.02 |
| Parents know student's friends | 0.91 | | 0.91 | 0.98 |
| Encouragement index (minus teacher) | 1.23 *** | | 1.21 *** | 1.19 *** |
| Family always expected college | 1.27 *** | | 1.27 *** | 1.24 *** |
| Friends have college plans | 1.40 *** | | 1.39 *** | 1.31 *** |

Cultural Orientations

| | | | | |
|---------------------|--|--|----------|------|
| School is important | | | 1.30 *** | 1.07 |
| Locus of control | | | 3.41 *** | 2.89 |

Cultural Expressions

| | | | | |
|----------------|--|--|--|----------|
| GPA | | | | 2.99 *** |
| Homework hours | | | | 1.11 *** |

| | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|
| Constant | 9.20 *** | 2.37 *** | 0.31 *** | 0.04 *** | 0.00 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.021 | 0.079 | 0.15 | 0.187 | 0.222 |
| BIC index | 4,654 | 4,464 | 4169.25 | 4010.617 | 3861.802 |
| Number of observations | 6,635 | 6,635 | 6,635 | 6,635 | 6635 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 6,635 UW-BHS students includes all respondents who aspire to graduate from college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** <.001

Appendix Table 6.A4. Logistic Regression of the Conditional Probability of Being College Prepared of College Expecting UW-BHS High School Seniors with Cultural Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|-----------|----------|----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.31 *** | 1.35 *** | 1.18 ** | 1.09 | 0.88 * |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.65 *** | 1.04 | 1.09 | 1.06 | 1.56 *** |
| American Indian | 0.53 ** | 0.89 | 0.96 | 0.99 | 1.05 |
| East Asian | 2.97 *** | 3.13 *** | 2.53 *** | 2.59 *** | 2.82 *** |
| Cambodian | 0.85 | 1.64 * | 1.34 | 1.27 | 1.48 |
| Vietnamese | 1.09 | 1.85 ** | 1.29 | 1.28 | 0.93 |
| Filipino | 1.19 | 1.15 | 0.94 | 0.91 | 1.01 |
| Other Asian | 0.97 | 1.19 | 1.02 | 0.96 | 1.00 |
| Pacific Islander | 0.78 | 1.10 | 1.05 | 0.99 | 1.43 |
| Mexican | 0.60 ** | 0.90 | 0.85 | 0.83 | 0.98 |
| Other Hispanic | 0.74 | 0.92 | 0.91 | 0.90 | 1.15 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 0.56 *** | 0.73 * | 0.73 * | 0.71 * | 0.61 ** |
| Second generation | 1.07 | 1.11 | 1.10 | 1.09 | 1.05 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | | 1.10 | 1.05 | 1.05 | 1.06 |
| College degree or above | | 1.62 *** | 1.45 *** | 1.48 *** | 1.42 ** |
| No father or DK | | 1.08 | 1.12 | 1.12 | 1.13 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | | 1.15 | 1.08 | 1.11 | 1.07 |
| College degree or above | | 1.57 *** | 1.34 ** | 1.38 ** | 1.29 * |
| No mother or DK | | 0.64 ** | 0.65 * | 0.66 * | 0.66 * |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | | 0.86 | 0.86 | 0.82 | 0.86 |
| Father SEI (employed x SEI) | | 1.006 *** | 1.004 * | 1.005 ** | 1.004 * |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | | 0.87 | 0.93 | 0.90 | 0.95 |
| Mother SEI (employed x SEI) | | 1.004 * | 1.003 | 1.003 | 1.004 |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | | 1.56 *** | 1.41 *** | 1.44 *** | 1.39 *** |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | | 1.23 ** | 1.09 | 1.09 | 1.05 |

Cultural variables

Cultural context

| | | | |
|-------------------------------------|----------|----------|----------|
| Parental communication and support | 1.10 | 0.98 | 0.83 * |
| Parents know student's friends | 0.91 * | 0.89 * | 0.98 |
| Encouragement index (minus teacher) | 1.18 *** | 1.18 *** | 1.16 *** |
| Family always expected college | 1.27 *** | 1.24 *** | 1.21 *** |
| Friends have college plans | 1.47 *** | 1.47 *** | 1.39 *** |

Cultural Orientations

| | | |
|---------------------|----------|------|
| School is important | 1.30 *** | 0.97 |
| Locus of control | 1.26 ** | 1.00 |

Cultural Expressions

| | |
|----------------|----------|
| GPA | 5.14 *** |
| Homework hours | 1.09 *** |

| | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|
| Constant | 2.03 *** | 0.55 *** | 0.11 *** | 0.06 *** | 0.00 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.019 | 0.070 | 0.141 | 0.149 | 0.218 |
| BIC index | 7,297 | 7,000 | 6578 | 6538 | 6048 |
| Number of observations | 5,891 | 5,891 | 5,891 | 5,891 | 5,891 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 5,891 UW-BHS students includes all respondents who expect to graduate from college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** <.001

Appendix Table 6.A5. Logistic Regression of the Conditional Probability of Enrolling in a Four-Year College (NSC only) of College Prepared UW-BHS High School Seniors with Cultural Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|----------|----------|----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| Gender (male omitted) | | | | | |
| Female | 1.14 | 1.16 * | 1.09 | 1.06 | 0.99 |
| Race-ethnicity (white omitted) | | | | | |
| African American | 0.53 *** | 0.63 *** | 0.68 ** | 0.68 ** | 0.80 |
| American Indian | 0.52 * | 0.63 | 0.67 | 0.67 | 0.69 |
| East Asian | 0.62 *** | 0.64 ** | 0.60 *** | 0.61 *** | 0.59 *** |
| Cambodian | 0.60 | 0.80 | 0.76 | 0.75 | 0.78 |
| Vietnamese | 0.78 | 1.01 | 0.91 | 0.91 | 0.77 |
| Filipino | 0.79 | 0.80 | 0.71 | 0.71 | 0.71 |
| Other Asian | 0.87 | 0.93 | 0.91 | 0.89 | 0.92 |
| Pacific Islander | 0.43 ** | 0.52 * | 0.51 * | 0.51 * | 0.62 |
| Mexican | 0.67 | 0.79 | 0.76 | 0.76 | 0.83 |
| Other Hispanic | 0.86 | 0.92 | 0.92 | 0.93 | 0.97 |
| Immigrant generation (third omitted) | | | | | |
| First generation | 0.54 *** | 0.60 *** | 0.59 *** | 0.59 *** | 0.57 *** |
| Second generation | 0.86 | 0.88 | 0.89 | 0.88 | 0.88 |
| <i>Social-origins variables</i> | | | | | |
| Father educ (HS or less omitted) | | | | | |
| Some college, no degree | | 1.01 | 1.00 | 1.01 | 1.03 |
| College degree or above | | 1.15 | 1.11 | 1.13 | 1.12 |
| No father or DK | | 0.98 | 1.08 | 1.10 | 1.16 |
| Mother educ (HS or less is omitted) | | | | | |
| Some college, no degree | | 1.11 | 1.09 | 1.09 | 1.08 |
| College degree or above | | 1.18 | 1.12 | 1.13 | 1.09 |
| No mother or DK | | 0.95 | 0.94 | 0.95 | 0.90 |
| Father SEI (not working, NA, DK omitted) | | | | | |
| Father employed | | 0.97 | 0.96 | 0.95 | 0.97 |
| Father SEI (employed x SEI) | | 1.002 | 1.001 | 1.001 | 1.001 |
| Mother SEI (not working, NA, DK omitted) | | | | | |
| Mother employed | | 0.87 | 0.91 | 0.91 | 0.92 |
| Mother SEI (employed x SEI) | | 1.003 | 1.002 | 1.003 | 1.003 |
| Home ownership (renting omitted) | | | | | |
| Family owns home | | 1.14 | 1.10 | 1.11 | 1.07 |
| Family structure (not intact omitted) | | | | | |
| Lives with biological or adoptive parents | | 1.09 | 1.01 | 1.02 | 0.99 |

Cultural variables

Cultural context

| | | | | | |
|-------------------------------------|--|--|----------|----------|----------|
| Parental communication and support | | | 1.21 * | 1.12 | 1.05 |
| Parents know student's friends | | | 0.83 ** | 0.83 ** | 0.86 * |
| Encouragement index (minus teacher) | | | 1.17 *** | 1.16 *** | 1.16 *** |
| Family always expected college | | | 1.01 | 1.00 | 0.99 |
| Friends have college plans | | | 1.18 *** | 1.18 *** | 1.15 *** |

Cultural Orientations

| | | | | | |
|---------------------|--|--|--|--------|------|
| School is important | | | | 1.09 | 0.95 |
| Locus of control | | | | 1.26 * | 1.14 |

Cultural Expressions

| | | | | | |
|----------------|--|--|--|--|----------|
| GPA | | | | | 2.25 *** |
| Homework hours | | | | | 1.02 |

| | | | | | |
|--------------------------------------|----------|-------|--------|----------|----------|
| Constant | 2.39 *** | 1.40 | 0.52 * | 0.33 *** | 0.05 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.017 | 0.020 | 0.047 | 0.049 | 0.065 |
| BIC index | 5,164 | 5,224 | 5,178 | 5,184 | 5,122 |
| Number of observations | 4,033 | 4,033 | 4,033 | 4,033 | 4,033 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 4,033 UW-BHS students includes all respondents who are college prepared and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

NSC = National Student Clearinghouse

* < .05 ** < .01 *** <.001

Appendix Table 6.A6. Logistic Regression of the Conditional Probability of Enrolling in a Four-Year College (NSC or UW-BHS Follow up) of College Prepared UW-BHS High School Seniors with Cultural Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|----------|----------|----------|---------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| Gender (male omitted) | | | | | |
| Female | 1.20 * | 1.24 * | 1.13 | 1.08 | 0.94 |
| Race-ethnicity (white omitted) | | | | | |
| African American | 0.45 *** | 0.62 *** | 0.71 ** | 0.70 ** | 0.96 |
| American Indian | 0.48 * | 0.70 | 0.78 | 0.78 | 0.80 |
| East Asian | 1.35 | 1.45 * | 1.36 | 1.41 | 1.47 |
| Cambodian | 0.54 * | 0.87 | 0.83 | 0.82 | 0.92 |
| Vietnamese | 1.04 | 1.59 | 1.47 | 1.47 | 1.10 |
| Filipino | 0.59 * | 0.60 * | 0.50 ** | 0.50 ** | 0.49 * |
| Other Asian | 0.60 | 0.68 | 0.65 | 0.63 | 0.66 |
| Pacific Islander | 0.37 ** | 0.52 * | 0.51 * | 0.52 * | 0.78 |
| Mexican | 0.79 | 1.06 | 1.03 | 1.04 | 1.24 |
| Other Hispanic | 0.96 | 1.12 | 1.17 | 1.20 | 1.35 |
| Immigrant generation (third omitted) | | | | | |
| First generation | 0.61 ** | 0.70 * | 0.72 | 0.72 | 0.65 * |
| Second generation | 0.82 | 0.83 | 0.86 | 0.85 | 0.82 |
| <i>Social-origins variables</i> | | | | | |
| Father educ (HS or less omitted) | | | | | |
| Some college, no degree | | 0.85 | 0.84 | 0.85 | 0.87 |
| College degree or above | | 1.09 | 1.03 | 1.04 | 1.02 |
| No father or DK | | 0.97 | 1.12 | 1.14 | 1.29 |
| Mother educ (HS or less is omitted) | | | | | |
| Some college, no degree | | 1.23 | 1.20 | 1.21 | 1.19 |
| College degree or above | | 1.48 ** | 1.35 * | 1.37 * | 1.31 |
| No mother or DK | | 0.79 | 0.76 | 0.76 | 0.71 |
| Father SEI (not working, NA, DK omitted) | | | | | |
| Father employed | | 0.85 | 0.84 | 0.82 | 0.86 |
| Father SEI (employed x SEI) | | 1.008 ** | 1.007 ** | 1.007 ** | 1.007 * |
| Mother SEI (not working, NA, DK omitted) | | | | | |
| Mother employed | | 0.77 | 0.81 | 0.80 | 0.82 |
| Mother SEI (employed x SEI) | | 1.004 | 1.002 | 1.003 | 1.00 |
| Home ownership (renting omitted) | | | | | |
| Family owns home | | 1.11 | 1.06 | 1.06 | 0.99 |
| Family structure (not intact omitted) | | | | | |
| Lives with biological or adoptive parents | | 1.30 ** | 1.17 | 1.18 | 1.14 |

Cultural variables

Cultural context

| | | | | |
|-------------------------------------|----------|--|----------|----------|
| Parental communication and support | 1.38 ** | | 1.24 * | 1.09 |
| Parents know student's friends | 0.83 ** | | 0.82 ** | 0.89 |
| Encouragement index (minus teacher) | 1.21 *** | | 1.20 *** | 1.20 *** |
| Family always expected college | 0.98 | | 0.98 | 0.95 |
| Friends have college plans | 1.34 *** | | 1.34 *** | 1.29 *** |

Cultural Orientations

| | | | | |
|---------------------|--|--|---------|------|
| School is important | | | 1.11 | 0.85 |
| Locus of control | | | 1.38 ** | 1.16 |

Cultural Expressions

| | | | | |
|----------------|--|--|--|----------|
| GPA | | | | 4.65 *** |
| Homework hours | | | | 1.05 ** |

| | | | | | |
|--------------------------------------|----------|----------|---------|----------|----------|
| Constant | 4.90 *** | 2.15 *** | 0.482 * | 0.25 *** | 0.01 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.016 | 0.038 | 0.074 | 0.076 | 0.126 |
| BIC index | 3,965 | 3,956 | 3,847 | 3,849 | 3,667 |
| Number of observations | 4,033 | 4,033 | 4,033 | 4,033 | 4,033 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 4,033 UW-BHS students includes all respondents who are college prepared and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

NSC = National Student Clearinghouse

* < .05 ** < .01 *** <.001

Appendix Table 6.A7. Logistic Regression of the Conditional Probability of College Graduation (in Seven Years) of College Entrant UW-BHS High School Seniors with Cultural Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|---------|---------|---------|---------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.28 ** | 1.32 ** | 1.24 * | 1.13 | 1.03 |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.44 *** | 0.60 ** | 0.63 ** | 0.61 ** | 0.76 |
| American Indian | 0.42 * | 0.59 | 0.59 | 0.58 | 0.67 |
| East Asian | 0.66 * | 0.68 * | 0.69 | 0.70 | 0.68 |
| Cambodian | 0.46 | 0.72 | 0.82 | 0.80 | 0.77 |
| Vietnamese | 1.61 | 2.55 * | 3.01 ** | 3.14 ** | 2.48 * |
| Filipino | 0.53 * | 0.55 | 0.54 * | 0.53 * | 0.48 * |
| Other Asian | 0.80 | 0.85 | 0.93 | 0.89 | 0.90 |
| Pacific Islander | 0.19 *** | 0.28 ** | 0.29 ** | 0.28 ** | 0.32 ** |
| Mexican | 0.57 | 0.86 | 0.86 | 0.81 | 0.93 |
| Other Hispanic | 0.46 * | 0.50 * | 0.52 * | 0.53 * | 0.55 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 1.21 | 1.42 | 1.55 | 1.50 | 1.48 |
| Second generation | 1.02 | 1.05 | 1.10 | 1.08 | 1.10 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | | 1.18 | 1.18 | 1.21 | 1.21 |
| College degree or above | | 1.34 | 1.33 | 1.38 * | 1.35 |
| No father or DK | | 1.29 | 1.40 | 1.47 | 1.53 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | | 1.17 | 1.16 | 1.20 | 1.20 |
| College degree or above | | 1.56 ** | 1.48 * | 1.56 ** | 1.55 ** |
| No mother or DK | | 1.33 | 1.29 | 1.30 | 1.16 |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | | 0.98 | 0.98 | 0.97 | 0.95 |
| Father SEI (employed x SEI) | | 1.005 | 1.005 | 1.005 | 1.005 |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | | 1.02 | 1.07 | 1.04 | 1.00 |
| Mother SEI (employed x SEI) | | 1.000 | 0.999 | 0.999 | 1.000 |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | | 1.29 | 1.26 | 1.28 | 1.24 |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | | 1.21 | 1.10 | 1.11 | 1.12 |

Cultural variables

Cultural context

| | | | | |
|-------------------------------------|----------|--|----------|---------|
| Parental communication and support | 1.49 *** | | 1.32 * | 1.19 |
| Parents know student's friends | 1.01 | | 0.99 | 1.05 |
| Encouragement index (minus teacher) | 1.00 | | 0.99 | 0.99 |
| Family always expected college | 0.99 | | 0.94 | 0.92 |
| Friends have college plans | 1.15 *** | | 1.16 *** | 1.13 ** |

Cultural Orientations

| | | | | |
|---------------------|--|--|----------|------|
| School is important | | | 1.37 *** | 1.08 |
| Locus of control | | | 1.25 | 1.11 |

Cultural Expressions

| | | | | |
|----------------|--|--|--|----------|
| GPA | | | | 3.70 *** |
| Homework hours | | | | 1.03 |

| | | | | | |
|--------------------------------------|----------|-------|---------|----------|----------|
| Constant | 3.12 *** | 0.98 | 0.33 ** | 0.16 *** | 0.01 *** |
| <i>McFadden's Adjusted R-squared</i> | 0.015 | 0.031 | 0.061 | 0.071 | 0.104 |
| BIC index | 3,043 | 3,066 | 3,068 | 3,052 | 2,971 |
| Number of observations | 2,666 | 2,666 | 2,666 | 2,666 | 2,666 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 2,666 UW-BHS students includes all respondents who enrolled in a four-year college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** < .001

Appendix Table 7.A1. Educational Transition Ratios of the College Pathways Model by Paid Employment and Participation in Sports and Extracurricular Activities of UW-BHS High School Seniors

| | Educational-Transition Ratios | | | | |
|--|-------------------------------|-------------------|--------------------|--------------------|---------------------|
| | Aspired | Expected/ Aspired | Prepared/ Expected | Enrolled/ Prepared | Graduated/ Enrolled |
| All Students | 76.2 | 88.9 | 69.0 | 66.4 | 74.9 |
| <i>Paid employment hours per week</i> | | | | | |
| None | 76% | 88% | 71% | 68% | 74% |
| < 15 hours | 83% | 92% | 78% | 71% | 83% |
| 15-24 hours | 76% | 88% | 64% | 61% | 71% |
| 25 + hours | 65% | 84% | 47% | 52% | 58% |
| N | 8,569 | 6,516 | 5,768 | 3,979 | 2,640 |
| <i>Sport activities hours per week</i> | | | | | |
| None | 69% | 85% | 60% | 61% | 74% |
| 1-9 Hours | 81% | 90% | 76% | 68% | 79% |
| 10-19 Hours | 85% | 92% | 78% | 69% | 76% |
| 20 + Hours | 91% | 95% | 81% | 72% | 74% |
| N | 8,770 | 6,632 | 5,851 | 4,024 | 2,662 |
| <i>Extracurricular activities hours per week</i> | | | | | |
| None | 67% | 84% | 58% | 62% | 70% |
| 1-5 Hours | 86% | 93% | 78% | 70% | 78% |
| 5-10 Hours | 86% | 93% | 80% | 68% | 79% |
| 10 + Hours | 89% | 95% | 80% | 68% | 77% |
| N | 8,770 | 6,632 | 5,851 | 4,024 | 2,662 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The samples of UW-BHS students include all respondents with nonmissing data on college aspirations, college expectations, college preparedness and the variable in each panel.

Appendix Table 7.A2. Logistic Regression of the Conditional Probability of Expecting to Graduate from College of College Aspiring UW-BHS High School Seniors with Work and Activity Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|---------|----------|----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.27 ** | | 1.25 ** | 0.76 ** | 0.77 ** |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.84 | | 0.80 | 0.97 | 0.92 |
| American Indian | 0.60 | | 0.59 | 0.57 | 0.59 |
| East Asian | 1.50 | | 1.48 | 1.23 | 1.25 |
| Cambodian | 0.77 | | 0.76 | 0.58 * | 0.60 * |
| Vietnamese | 2.51 ** | | 2.29 ** | 1.25 | 1.28 |
| Filipino | 0.65 | | 0.63 * | 0.55 * | 0.56 * |
| Other Asian | 0.90 | | 0.83 | 0.76 | 0.75 |
| Pacific Islander | 0.36 *** | | 0.32 *** | 0.37 *** | 0.34 *** |
| Mexican | 0.69 | | 0.72 | 0.64 | 0.65 |
| Other Hispanic | 0.94 | | 0.96 | 1.14 | 1.15 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 0.99 | | 1.12 | 0.97 | 1.03 |
| Second generation | 1.06 | | 1.09 | 1.05 | 1.06 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | 1.32 ** | | 1.32 * | 1.16 | 1.16 |
| College degree or above | 1.87 *** | | 1.74 *** | 1.53 ** | 1.51 ** |
| No father or DK | 1.05 | | 1.11 | 1.04 | 1.05 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | 1.38 ** | | 1.35 ** | 1.26 * | 1.25 * |
| College degree or above | 1.95 *** | | 1.88 *** | 1.57 ** | 1.59 ** |
| No mother or DK | 0.91 | | 0.92 | 1.07 | 1.07 |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | 0.90 | | 0.88 | 0.84 | 0.82 |
| Father SEI (employed x SEI) | 1.009 *** | | 1.009 ** | 1.007 * | 1.006 * |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | 0.63 ** | | 0.63 * | 0.63 * | 0.63 * |
| Mother SEI (employed x SEI) | 1.008 ** | | 1.007 * | 1.007 * | 1.007 * |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | 1.30 * | | 1.23 * | 1.12 | 1.11 |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | 1.20 | | 1.12 | 1.01 | 0.98 |
| <i>Cultural variables</i> | | | | | |
| <i>Cultural context</i> | | | | | |
| Parental communication and support | | | | 1.02 | 1.02 |
| Parents know student's friends | | | | 0.98 | 0.98 |
| Encouragement index (minus teacher) | | | | 1.19 *** | 1.19 *** |
| Family always expected college | | | | 1.24 *** | 1.24 *** |
| Friends have college plans | | | | 1.31 *** | 1.27 *** |
| <i>Cultural Orientations</i> | | | | | |
| School is important | | | | 1.07 | 1.06 |

| | | | | | |
|---|----------|-----------|-----------|----------|----------|
| Locus of control | | | | 2.89 *** | 2.81 *** |
| Cultural Expressions | | | | | |
| GPA | | | | 2.99 *** | 2.75 *** |
| Homework hours | | | | 1.11 *** | 1.10 *** |
| <i>Employment and participation variables</i> | | | | | |
| Hours Worked (< 15 hrs is Omitted) | | | | | |
| Not working | 0.66 ** | | 0.77 * | | 0.92 |
| 15-24 Hours per week | 0.69 ** | | 0.85 | | 0.94 |
| 25+ Hours per week | 0.54 *** | | 0.73 | | 0.91 |
| Sports Activities (20+ hrs is Omitted) | | | | | |
| No sports activities | 0.32 *** | | 0.34 *** | | 0.53 *** |
| 1-9 Hours per week | 0.43 *** | | 0.42 *** | | 0.53 ** |
| 10-19 Hours per week | 0.59 ** | | 0.57 ** | | 0.62 * |
| Extracurricular Activities (10+ hrs is Omitted) | | | | | |
| No extracurricular activities | 0.31 *** | | 0.38 *** | | 0.57 *** |
| 1-4 Hours per week | 0.71 * | | 0.79 | | 0.85 |
| 5-9 Hours per week | 0.78 | | 0.82 | | 0.92 |
| Constant | 2.37 *** | 59.64 *** | 15.07 *** | 0.00 *** | 0.02 *** |
| McFadden's Adj R-Squared | 0.091 | 0.059 | 0.128 | 0.237 | 0.246 |
| BIC (used by Stata) | 4,464 | 4,468 | 4,369 | 3,862 | 3,897 |
| Number of Observations | 6,635 | 6,635 | 6,635 | 6,635 | 6,635 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 6,635 UW-BHS students includes all respondents who aspire to graduate from college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** < .001

Appendix Table 7.A3. Logistic Regression of the Conditional Probability of Being College Prepared of College Expecting UW-BHS High School Seniors with Work and Activity Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|---------|-----------|----------|----------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.35 *** | | 1.35 *** | 0.88 | 0.92 |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 1.04 | | 1.00 | 1.56 *** | 1.45 ** |
| American Indian | 0.89 | | 0.88 | 1.05 | 1.01 |
| East Asian | 3.13 *** | | 3.19 *** | 2.82 *** | 2.87 *** |
| Cambodian | 1.64 * | | 1.63 * | 1.48 | 1.51 |
| Vietnamese | 1.85 ** | | 1.65 * | 0.93 | 0.91 |
| Filipino | 1.15 | | 1.11 | 1.01 | 0.98 |
| Other Asian | 1.19 | | 1.21 | 1.00 | 1.04 |
| Pacific Islander | 1.10 | | 0.97 | 1.43 | 1.25 |
| Mexican | 0.90 | | 0.90 | 0.98 | 1.00 |
| Other Hispanic | 0.92 | | 0.95 | 1.15 | 1.17 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 0.73 * | | 0.86 | 0.61 ** | 0.68 ** |
| Second generation | 1.11 | | 1.11 | 1.05 | 1.04 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | 1.10 | | 1.12 | 1.06 | 1.07 |
| College degree or above | 1.62 *** | | 1.52 *** | 1.42 ** | 1.39 ** |
| No father or DK | 1.08 | | 1.15 | 1.13 | 1.19 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | 1.15 | | 1.10 | 1.07 | 1.06 |
| College degree or above | 1.57 *** | | 1.45 *** | 1.29 * | 1.26 * |
| No mother or DK | 0.64 ** | | 0.62 ** | 0.66 * | 0.64 * |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | 0.86 | | 0.83 | 0.86 | 0.85 |
| Father SEI (employed x SEI) | 1.006 *** | | 1.006 *** | 1.004 * | 1.004 * |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | 0.87 | | 0.84 | 0.95 | 0.90 |
| Mother SEI (employed x SEI) | 1.004 * | | 1.004 | 1.004 | 1.004 |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | 1.56 *** | | 1.52 *** | 1.39 *** | 1.37 *** |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | 1.23 ** | | 1.11 | 1.05 | 1.00 |
| <i>Cultural variables</i> | | | | | |
| Cultural context | | | | | |

| | | | | | |
|---|----------|-----------|----------|-----------|----------|
| Parental communication and support | | | | 0.83 * | 0.79 ** |
| Parents know student's friends | | | | 0.98 | 0.96 |
| Encouragement index (minus teacher) | | | | 1.16 *** | 1.15 *** |
| Family always expected college | | | | 1.21 *** | 1.21 *** |
| Friends have college plans | | | | 1.39 *** | 1.33 *** |
| Cultural Orientations | | | | | |
| School is important | | | | 0.97 | 0.95 |
| Locus of control | | | | 1.00 | 1.00 |
| Cultural Expressions | | | | | |
| GPA | | | | 5.14 *** | 4.71 *** |
| Homework hours | | | | 1.09 *** | 1.08 *** |
| <i>Employment and participation variables</i> | | | | | |
| Hours Worked (< 15 hrs is Omitted) | | | | | |
| Not working | | 0.74 *** | 0.78 ** | | 0.88 |
| 15-24 Hours per week | | 0.60 *** | 0.69 *** | | 0.82 |
| 25+ Hours per week | | 0.33 *** | 0.41 *** | | 0.53 *** |
| Sports Activities (20+ hrs is Omitted) | | | | | |
| No sports activities | | 0.35 *** | 0.35 *** | | 0.43 *** |
| 1-9 Hours per week | | 0.65 ** | 0.61 *** | | 0.70 * |
| 10-19 Hours per week | | 0.75 ** | 0.73 ** | | 0.78 * |
| Extracurricular Activities (10+ hrs is Omitted) | | | | | |
| No extracurricular activities | | 0.37 *** | 0.41 *** | | 0.55 *** |
| 1-4 Hours per week | | 0.88 | 0.91 | | 0.94 |
| 5-9 Hours per week | | 1.00 | 1.03 | | 1.11 |
| Constant | 0.55 *** | 10.88 *** | 2.96 *** | 0.002 *** | 0.01 *** |
| McFadden's Adj R-Squared | 0.078 | 0.088 | 0.142 | 0.218 | 0.248 |
| BIC (used by Stata) | 7,000 | 6,781 | 6,602 | 6,048 | 5,907 |
| Number of Observations | 5,891 | 5,891 | 5,891 | 5,891 | 5,891 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 5,891 UW-BHS students includes all respondents who expect to graduate from college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** < .001

Appendix Table 7.A4. Logistic Regression of the Conditional Probability of Enrolling in a Four-Year College (NSC Only) of College Prepared UW-BHS High School Seniors with Work and Activity Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative | | Exponentiated Odds Ratios Relative | | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | |
|---|------------------------------------|---------|--------------------------------------|----------|--|----------|
| | Model 1 | Model 2 | <i>Ascript</i> Model 3 | Model 4 | <i>Ascript</i> Model 5 | Model 5 |
| Gender (male omitted) | | | Gender (male omitted) | | Gender (male omitted) | |
| Female | 1.16 * | | Fema | 1.16 * | Fema | 1.16 * |
| Race-ethnicity (white omitted) | | | Race-ethnicity (white omitted) | | Race-ethnicity (white omitted) | |
| African American | 0.63 *** | | Africa | 0.63 *** | Africa | 0.63 *** |
| American Indian | 0.63 | | Amer | 0.63 | Amer | 0.63 |
| East Asian | 0.64 ** | | East A | 0.64 ** | East A | 0.64 ** |
| Cambodian | 0.80 | | Camb | 0.80 | Camb | 0.80 |
| Vietnamese | 1.01 | | Vietn: | 1.01 | Vietn: | 1.01 |
| Filipino | 0.80 | | Filipir | 0.80 | Filipir | 0.80 |
| Other Asian | 0.93 | | Other | 0.93 | Other | 0.93 |
| Pacific Islander | 0.52 * | | Pacifi | 0.52 * | Pacifi | 0.52 * |
| Mexican | 0.79 | | Mexic | 0.79 | Mexic | 0.79 |
| Other Hispanic | 0.92 | | Other | 0.92 | Other | 0.92 |
| Immigrant generation (third omitted) | | | Immigrant generation (third omitted) | | Immigrant generation (third omitted) | |
| First generation | 0.60 *** | | First ξ | 0.60 *** | First ξ | 0.60 *** |
| Second generation | 0.88 | | Secor | 0.88 | Secor | 0.88 |
| <i>Social-origins variables</i> | | | | | | |
| Father educ (HS or less omitted) | | | | | | |
| Some college, no degree | 1.01 | | 1.01 | 1.03 | 1.03 | |
| College degree or above | 1.15 | | 1.13 | 1.12 | 1.10 | |
| No father or DK | 0.98 | | 0.98 | 1.16 | 1.15 | |
| Mother educ (HS or less is omitted) | | | | | | |
| Some college, no degree | 1.11 | | 1.10 | 1.08 | 1.08 | |
| College degree or above | 1.18 | | 1.14 | 1.09 | 1.07 | |
| No mother or DK | 0.95 | | 0.97 | 0.90 | 0.92 | |
| Father SEI (not working, NA, DK omitted) | | | | | | |
| Father employed | 0.97 | | 0.97 | 0.97 | 0.97 | |
| Father SEI (employed x SEI) | 1.002 | | 1.002 | 1.001 | 1.001 | |
| Mother SEI (not working, NA, DK omitted) | | | | | | |
| Mother employed | 0.87 | | 0.87 | 0.92 | 0.91 | |
| Mother SEI (employed x SEI) | 1.003 | | 1.003 | 1.003 | 1.003 | |
| Home ownership (renting omitted) | | | | | | |
| Family owns home | 1.14 | | 1.13 | 1.07 | 1.07 | |
| Family structure (not intact omitted) | | | | | | |
| Lives with biological or adoptive parents | 1.09 | | 1.01 | 0.99 | 0.95 | |
| <i>Cultural variables</i> | | | | | | |
| Cultural context | | | | | | |
| Parental communication and support | | | | 1.05 | 1.01 | |

| | | | | | |
|---|-------|----------|----------|----------|----------|
| Parents know student's friends | | | | 0.86 * | 0.85 ** |
| Encouragement index (minus teacher) | | | | 1.16 *** | 1.16 *** |
| Family always expected college | | | | 0.99 | 0.98 |
| Friends have college plans | | | | 1.15 *** | 1.13 *** |
| Cultural Orientations | | | | | |
| School is important | | | | 0.95 | 0.94 |
| Locus of control | | | | 1.14 | 1.16 |
| Cultural Expressions | | | | | |
| GPA | | | | 2.25 *** | 2.19 *** |
| Homework hours | | | | 1.02 | 1.02 |
| <i>Employment and participation variables</i> | | | | | |
| Hours Worked (< 15 hrs is Omitted) | | | | | |
| Not working | | 0.85 | 0.94 | | 0.98 |
| 15-24 Hours per week | | 0.67 *** | 0.74 ** | | 0.80 * |
| 25+ Hours per week | | 0.47 *** | 0.54 *** | | 0.58 ** |
| Sports Activities (20+ hrs is Omitted) | | | | | |
| No sports activities | | 0.63 *** | 0.67 *** | | 0.71 ** |
| 1-9 Hours per week | | 0.81 | 0.83 | | 0.85 |
| 10-19 Hours per week | | 0.85 | 0.85 | | 0.85 |
| Extracurricular Activities (10+ hrs is Omitted) | | | | | |
| No extracurricular activities | | 0.79 ** | 0.83 * | | 0.94 |
| 1-4 Hours per week | | 1.07 | 1.12 | | 1.11 |
| 5-9 Hours per week | | 0.97 | 0.98 | | 1.00 |
| Constant | 1.40 | 3.47 *** | 2.38 *** | 0.05 *** | 0.09 *** |
| McFadden's Adj R-Squared | | 0.017 | 0.042 | 0.065 | 0.071 |
| BIC (used by Stata) | 5,224 | 5,161 | 5,240 | 5,122 | 5,162 |
| Number of Observations | 4,033 | 4,033 | 4,033 | 4,033 | 4,033 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 4,033 UW-BHS students includes all respondents who are college prepared and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

NSC = National Student Clearinghouse

* < .05 ** < .01 *** < .001

Appendix Table 7.A5. Logistic Regression of the Conditional Probability of Enrolling in a Four-Year College (NSC or UW-BHS Follow up) of College Prepared UW-BHS High School Seniors with Work and Activity Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | | |
|---|--|---------|----------|---------|----------|-------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 | |
| Gender (male omitted) | | | | | | 6.6 s |
| Female | 1.24 * | | 1.23 * | 0.94 | 0.96 | |
| Race-ethnicity (white omitted) | | | | | | |
| African American | 0.62 *** | | 0.61 *** | 0.96 | 0.92 | |
| American Indian | 0.70 | | 0.73 | 0.8 | 0.80 | |
| East Asian | 1.45 * | | 1.41 | 1.47 | 1.42 | |
| Cambodian | 0.87 | | 0.83 ** | 0.92 | 0.89 | |
| Vietnamese | 1.59 | | 1.41 | 1.1 | 1.02 | |
| Filipino | 0.60 * | | 0.58 * | 0.49 * | 0.47 ** | |
| Other Asian | 0.68 | | 0.68 | 0.66 | 0.66 | |
| Pacific Islander | 0.52 * | | 0.50 * | 0.78 | 0.75 | |
| Mexican | 1.06 | | 1.02 * | 1.24 | 1.22 | |
| Other Hispanic | 1.12 | | 1.17 | 1.35 | 1.39 | |
| Immigrant generation (third omitted) | | | | | | |
| First generation | 0.70 * | | 0.75 | 0.65 * | 0.68 * | |
| Second generation | 0.83 | | 0.82 | 0.82 | 0.80 | |
| <i>Social-origins variables</i> | | | | | | |
| Father educ (HS or less omitted) | | | | | | |
| Some college, no degree | 0.85 | | 0.86 | 0.87 | 0.87 *** | |
| College degree or above | 1.09 | | 1.04 | 1.02 | 1.00 | |
| No father or DK | 0.97 | | 0.99 | 1.29 | 1.30 | |
| Mother educ (HS or less is omitted) | | | | | | |
| Some college, no degree | 1.23 | | 1.21 | 1.19 | 1.18 | |
| College degree or above | 1.48 ** | | 1.38 * | 1.31 | 1.25 | |
| No mother or DK | 0.79 | | 0.81 | 0.71 | 0.72 | |
| Father SEI (not working, NA, DK omitted) | | | | | | |
| Father employed | 0.85 | | 0.84 | 0.86 | 0.85 | |
| Father SEI (employed x SEI) | 1.008 ** | | 1.008 ** | 1.007 * | 1.007 * | |
| Mother SEI (not working, NA, DK omitted) | | | | | | |
| Mother employed | 0.77 | | 0.75 | 0.82 | 0.78 | |
| Mother SEI (employed x SEI) | 1.004 | | 1.004 | 1.000 | 1.004 | |
| Home ownership (renting omitted) | | | | | | |
| Family owns home | 1.11 | | 1.11 | 0.99 | 1.00 | |
| Family structure (not intact omitted) | | | | | | |
| Lives with biological or adoptive parents | 1.30 ** | | 1.18 | 1.14 | 1.08 | |
| <i>Cultural variables</i> | | | | | | |
| Cultural context | | | | | | |
| Parental communication and support | | | | 1.09 | 1.04 | |

| | | | | | |
|---|----------|----------|----------|----------|-----------|
| Parents know student's friends | | | | 0.89 | 0.89 |
| Encouragement index (minus teacher) | | | | 1.2 *** | 1.212 *** |
| Family always expected college | | | | 0.95 | 0.94 |
| Friends have college plans | | | | 1.29 *** | 1.26 *** |
| Cultural Orientations | | | | | |
| School is important | | | | 0.85 | 0.847 * |
| Locus of control | | | | 1.16 | 1.19 |
| Cultural Expressions | | | | | |
| GPA | | | | 4.65 *** | 4.58 *** |
| Homework hours | | | | 1.05 ** | 1.04 ** |
| <i>Employment and participation variables</i> | | | | | |
| Hours Worked (< 15 hrs is Omitted) | | | | | |
| Not working | | 0.86 | 0.96 | | 1.04 |
| 15-24 Hours per week | | 0.52 *** | 0.63 *** | | 0.70 ** |
| 25+ Hours per week | | 0.34 *** | 0.42 *** | | 0.48 *** |
| Sports Activities (20+ hrs is Omitted) | | | | | |
| No sports activities | | 0.66 *** | 0.68 ** | | 0.76 * |
| 1-9 Hours per week | | 0.92 | 0.89 | | 0.95 |
| 10-19 Hours per week | | 1.05 | 1.03 | | 1.04 |
| Extracurricular Activities (10+ hrs is Omitted) | | | | | |
| No extracurricular activities | | 0.69 *** | 0.73 ** | | 0.90 |
| 1-4 Hours per week | | 1.16 | 1.19 | | 1.19 |
| 5-9 Hours per week | | 1.14 | 1.13 | | 1.21 |
| Constant | 2.15 *** | 7.84 | 4.04 *** | 0.01 *** | 0.01 *** |
| McFadden's Adj R-Squared | 0.038 | 0.030 | 0.057 | 0.126 | 0.134 |
| BIC (used by Stata) | 3,956 | 3,885 | 3,937 | 3,667 | 3,692 |
| Number of Observations | 4,033 | 4,033 | 4,033 | 4,033 | 4,033 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 4,033 UW-BHS students includes all respondents who are college prepared and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

NSC = National Student Clearinghouse

* < .05 ** < .01 *** <.001

Appendix Table 7.A6. Logistic Regression of the Conditional Probability of College Graduation (in Seven Years) of College Entrant UW-BHS High School Seniors with Work and Activity Variables

| <i>Ascriptive variables</i> | Exponentiated Odds Ratios Relative to the Omitted Category for Each Variable | | | | |
|---|--|---------|---------|---------|---------|
| | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 |
| <i>Gender (male omitted)</i> | | | | | |
| Female | 1.32 ** | | 1.25 * | 1.03 | 0.97 |
| <i>Race-ethnicity (white omitted)</i> | | | | | |
| African American | 0.60 ** | | 0.62 ** | 0.76 | 0.79 |
| American Indian | 0.59 | | 0.69 | 0.67 | 0.79 |
| East Asian | 0.68 * | | 0.67 * | 0.68 | 0.68 |
| Cambodian | 0.72 | | 0.66 | 0.77 | 0.72 |
| Vietnamese | 2.55 * | | 2.24 | 2.48 | 2.24 |
| Filipino | 0.55 * | | 0.55 * | 0.48 * | 0.49 * |
| Other Asian | 0.85 | | 0.84 | 0.90 | 0.89 |
| Pacific Islander | 0.28 ** | | 0.31 ** | 0.32 ** | 0.34 * |
| Mexican | 0.86 | | 0.85 | 0.93 | 0.93 |
| Other Hispanic | 0.50 ** | | 0.50 * | 0.55 | 0.55 |
| <i>Immigrant generation (third omitted)</i> | | | | | |
| First generation | 1.42 | | 1.48 | 1.48 | 1.49 |
| Second generation | 1.05 | | 1.04 | 1.10 | 1.08 |
| <i>Social-origins variables</i> | | | | | |
| <i>Father educ (HS or less omitted)</i> | | | | | |
| Some college, no degree | 1.18 | | 1.19 | 1.21 | 1.21 |
| College degree or above | 1.34 | | 1.30 | 1.35 | 1.31 |
| No father or DK | 1.29 | | 1.31 | 1.53 | 1.56 |
| <i>Mother educ (HS or less is omitted)</i> | | | | | |
| Some college, no degree | 1.17 | | 1.13 | 1.20 | 1.17 |
| College degree or above | 1.56 ** | | 1.48 * | 1.55 ** | 1.49 * |
| No mother or DK | 1.33 | | 1.27 | 1.16 | 1.12 |
| <i>Father SEI (not working, NA, DK omitted)</i> | | | | | |
| Father employed | 0.98 | | 0.97 | 0.95 | 0.92 |
| Father SEI (employed x SEI) | 1.005 | | 1.005 | 1.005 | 1.005 |
| <i>Mother SEI (not working, NA, DK omitted)</i> | | | | | |
| Mother employed | 1.02 | | 0.99 | 1.00 | 0.96 |
| Mother SEI (employed x SEI) | 1.000 | | 1.000 | 1.000 | 1.000 |
| <i>Home ownership (renting omitted)</i> | | | | | |
| Family owns home | 1.29 | | 1.27 | 1.24 | 1.23 |
| <i>Family structure (not intact omitted)</i> | | | | | |
| Lives with biological or adoptive parents | 1.21 | | 1.15 | 1.12 | 1.10 |
| <i>Cultural variables</i> | | | | | |
| <i>Cultural context</i> | | | | | |
| Parental communication and support | | | | 1.19 | 1.19 |

| | | | | | |
|---|-------|----------|----------|----------|----------|
| Parents know student's friends | | | | 1.05 | 1.04 |
| Encouragement index (minus teacher) | | | | 0.99 | 1.00 |
| Family always expected college | | | | 0.92 | 0.92 |
| Friends have college plans | | | | 1.13 ** | 1.12 ** |
| Cultural Orientations | | | | | |
| School is important | | | | 1.08 | 1.08 |
| Locus of control | | | | 1.11 | 1.14 |
| Cultural Expressions | | | | | |
| GPA | | | | 3.70 *** | 3.65 *** |
| Homework hours | | | | 1.03 | 1.03 |
| <i>Employment and participation variables</i> | | | | | |
| Hours Worked (< 15 hrs is Omitted) | | | | | |
| Not working | | 0.59 *** | 0.67 ** | | 0.69 ** |
| 15-24 Hours per week | | 0.51 *** | 0.62 ** | | 0.67 ** |
| 25+ Hours per week | | 0.30 *** | 0.39 *** | | 0.44 *** |
| Sports Activities (20+ hrs is Omitted) | | | | | |
| No sports activities | | 1.00 | 1.01 | | 1.18 |
| 1-9 Hours per week | | 1.28 | 1.24 | | 1.40 |
| 10-19 Hours per week | | 1.08 | 1.07 | | 1.14 |
| Extracurricular Activities (10+ hrs is Omitted) | | | | | |
| No extracurricular activities | | 0.72 ** | 0.76 * | | 0.90 |
| 1-4 Hours per week | | 1.03 | 1.02 | | 1.06 |
| 5-9 Hours per week | | 1.16 | 1.18 | | 1.24 |
| Constant | 0.98 | 5.03 *** | 1.68 | 0.01 *** | 0.01 *** |
| McFadden's Adj R-Squared | 0.05 | 0.02 | 0.06 | 0.10 | 0.11 |
| BIC (used by Stata) | 3,066 | 3,017 | 3,097 | 2,971 | 3,016 |
| Number of Observations | 2,666 | 2,666 | 2,666 | 2,666 | 2,666 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The sample of 2,666 UW-BHS students includes all respondents who enrolled in a four-year college and with nonmissing data on college aspirations, college expectations, college preparedness.

DK = don't know

NA = not available

BIC = Bayesian information criterion

SEI = socioeconomic Index

GPA = grade point average

HS = high school

UW-BHS= The University of Washington-Beyond High School project

* < .05 ** < .01 *** < .001

Appendix Table 8.A1. Logistic Regression of College Pathway Transitions by Type of School and Additional Covariates of Low Income UW-BHS High School Seniors

| Type of school | Exponentiated odds ratios relative to the omitted category (low SES urban school district in 2000) | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|---------|---------|------------------|----------|----------|-------------------|---------|----------|------------------------------|---------|----------|-----------------------------------|---------|----------|--------------------|---------|----------|
| | Aspired | | | Expected/Aspired | | | Prepared/Expected | | | Enrolled/Prepared (NSC only) | | | Enrolled/Prepared (NSC or UW-BHS) | | | Completed/Enrolled | | |
| | Model 1 | Model 2 | Model 3 | Model 1 | Model 2 | Model 3 | Model 1 | Model 2 | Model 3 | Model 1 | Model 2 | Model 3 | Model 1 | Model 2 | Model 3 | Model 1 | Model 2 | Model 3 |
| Low SES | | | | | | | | | | | | | | | | | | |
| Urban district in 2000 (reference) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Urban district: 2002–2005 (WSA) | 1.17 | 1.13 | 1.07 | 0.82 | 0.74 | 0.79 | 1.11 | 1.11 | 1.04 | 1.62 * | 1.52 | 1.41 | 1.65 * | 1.60 | 1.46 | 1.32 | 1.27 | 1.15 |
| Suburban districts: 2003–2005 (WSA) | 1.03 | 0.97 | 0.98 | 0.91 | 0.78 | 0.88 | 1.34 | 1.39 | 1.51 | 1.22 | 1.13 | 1.16 | 1.087 | 0.94 | 0.94 | 1.22 | 1.06 | 0.91 |
| High SES | | | | | | | | | | | | | | | | | | |
| Urban district in 2000 | 0.93 | 0.77 | 0.79 | 0.81 | 0.60 | 0.57 | 0.67 | 0.68 | 0.55 | 0.80 | 0.80 | 0.71 | 1.8017 | 1.75 | 1.70 | 0.96 | 0.56 | 0.27 |
| Urban district: 2002–2005 | 1.03 | 0.91 | 0.98 | 0.81 | 0.64 | 0.71 | 0.86 | 0.88 | 0.82 | 0.86 | 0.79 | 0.59 | 1.0188 | 0.92 | 0.66 | 1.79 | 1.32 | 0.84 |
| Suburban districts: 2003–2005 | 1.38 | 1.21 | 1.47 | 0.92 | 0.64 | 0.75 | 1.22 | 1.24 | 1.22 | 0.99 | 0.95 | 0.79 | 0.94 | 0.89 | 0.68 | 1.38 | 1.05 | 0.78 |
| Constant | 1.18 *** | 0.75 | 0.02 | 4.75 *** | 4.25 *** | 0.01 *** | 1.14 | 0.63 | 0.01 *** | 0.98 | 0.98 | 0.01 *** | 1.76 | 2.24 * | 0.01 *** | 1.25 | 0.77 | 0.00 *** |
| McFadden's Adjusted R-squared | -0.002 | 0.026 | 0.166 | -0.007 | 0.010 | 0.136 | -0.001 | 0.010 | 0.100 | -0.001 | -0.032 | 0.023 | -0.004 | -0.029 | 0.037 | -0.019 | -0.012 | 0.046 |
| BIC index | -18,911 | -18,864 | -19,311 | -19,311 | -12,331 | -12,519 | -9,067 | -8,958 | -9,099 | -4,484 | -4,329 | -4,351 | -4,597 | -4,452 | -4,479 | -2,180 | -2,081 | -2,079 |
| Number of observations | 2,837 | 2,837 | 2,837 | 1,904 | 1,904 | 1,904 | 1,529 | 1,529 | 1,529 | 843 | 843 | 843 | 843 | 843 | 843 | 462 | 462 | 462 |

Source: The University of Washington-Beyond High School (UW-BHS) project (Hirschman and Almgren 2016).

Notes: The UW-BHS sample includes low respondents with nonmissing data on college aspirations, college expectations, college preparations that are at risk of each transition.

Model 1 includes only type of school as an independent variable.

Model 2 includes, in addition to type of school, ascription and social-origins as independent variables.

Model 3 includes, in addition to the Model 2 variables, cultural context, cultural orientations, and cultural expressions as independent variables.

Only the Exponentiated odds ratios for type of school are reported in the logistic regression models presented here.

BIC = Bayesian information criterion

UW-BHS = The University of Washington-Beyond High School project

WSA = Washington State Achiever program

NSC = National Student Clearinghouse

"NSC only" includes students reported to be enrolled in a four-year college in the NSC.

"NSC or UW-BHS" includes students reported to be enrolled in four-year college in the NSC or in the UW-BHS follow up survey.

* < .05 ** < .01 *** < .001