

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Alabama, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 128,951 | 93.9 | 136,273 | 99.2 |
| 1 | Mexican (includes Chicano) | 214 | 0.2 | 238 | 0.2 |
| 2 | Puerto Rican | 42 | 0.0 | 69 | 0.1 |
| 3 | Cuban | 33 | 0.0 | 35 | 0.0 |
| 4 | South or Central American (except Brazil) | 35 | 0.0 | 49 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 51 | 0.0 | 52 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 502 | 0.4 | 477 | 0.3 |
| 7 | Spanish surname only | 8 | 0.0 | - | - |
| 8 | Dominican Republic | 17 | 0.0 | 17 | 0.0 |
| 9 | Unknown whether Spanish or not | 7,533 | 5.5 | - | - |
| | NHIA surname match only | - | - | 176 | 0.1 |
| | Total | 137,386 | 100.0 | 137,386 | 100.0 |

Alaska, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 13,402 | 89.0 | 14,674 | 97.4 |
| 1 | Mexican (includes Chicano) | 48 | 0.3 | 50 | 0.3 |
| 2 | Puerto Rican | 12 | 0.1 | 22 | 0.1 |
| 3 | Cuban | 6 | 0.0 | 6 | 0.0 |
| 4 | South or Central American (except Brazil) | 12 | 0.1 | 26 | 0.2 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 23 | 0.2 | 23 | 0.2 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 162 | 1.1 | 149 | 1.0 |
| 7 | Spanish surname only | 1 | 0.0 | - | - |
| 8 | Dominican Republic | 15 | 0.1 | 21 | 0.1 |
| 9 | Unknown whether Spanish or not | 1,384 | 9.2 | - | - |
| | NHIA surname match only | - | - | 94 | 0.6 |
| | Total | 15,065 | 100.0 | 15,065 | 100.0 |

Arizona, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 139,136 | 85.7 | 139,409 | 85.9 |
| 1 | Mexican (includes Chicano) | 8,246 | 5.1 | 9,200 | 5.7 |
| 2 | Puerto Rican | 267 | 0.2 | 309 | 0.2 |
| 3 | Cuban | 100 | 0.1 | 116 | 0.1 |
| 4 | South or Central American (except Brazil) | 119 | 0.1 | 324 | 0.2 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 618 | 0.4 | 638 | 0.4 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 9,432 | 5.8 | 8,548 | 5.3 |
| 7 | Spanish surname only | 203 | 0.1 | - | - |
| 8 | Dominican Republic | 17 | 0.0 | 24 | 0.0 |
| 9 | Unknown whether Spanish or not | 4,246 | 2.6 | - | - |
| | NHIA surname match only | - | - | 3,816 | 2.3 |
| | Total | 162,384 | 100.0 | 162,384 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Arkansas, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 84,470 | 96.6 | 85,780 | 98.1 |
| 1 | Mexican (includes Chicano) | 337 | 0.4 | 342 | 0.4 |
| 2 | Puerto Rican | 29 | 0.0 | 34 | 0.0 |
| 3 | Cuban | 15 | 0.0 | 15 | 0.0 |
| 4 | South or Central American (except Brazil) | 52 | 0.1 | 55 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 51 | 0.1 | 51 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 846 | 1.0 | 838 | 1.0 |
| 7 | Spanish surname only | 26 | 0.0 | - | - |
| 8 | Dominican Republic | 20 | 0.0 | 20 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,555 | 1.8 | - | - |
| | NHIA surname match only | - | - | 266 | 0.3 |
| | Total | 87,401 | 100.0 | 87,401 | 100.0 |

California, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 705,462 | 79.5 | 709,942 | 80.0 |
| 1 | Mexican (includes Chicano) | 52,719 | 5.9 | 53,282 | 6.0 |
| 2 | Puerto Rican | 1,001 | 0.1 | 1,063 | 0.1 |
| 3 | Cuban | 1,078 | 0.1 | 1,134 | 0.1 |
| 4 | South or Central American (except Brazil) | 12,908 | 1.5 | 13,603 | 1.5 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 868 | 0.1 | 917 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 85,683 | 9.7 | 85,545 | 9.6 |
| 7 | Spanish surname only | 9,385 | 1.1 | - | - |
| 8 | Dominican Republic | 76 | 0.0 | 89 | 0.0 |
| 9 | Unknown whether Spanish or not | 18,474 | 2.1 | - | - |
| | NHIA surname match only | - | - | 22,079 | 2.5 |
| | Total | 887,654 | 100.0 | 887,654 | 100.0 |

CA: Greater California, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 403,876 | 80.7 | 406,572 | 81.2 |
| 1 | Mexican (includes Chicano) | 26,548 | 5.3 | 26,809 | 5.4 |
| 2 | Puerto Rican | 483 | 0.1 | 512 | 0.1 |
| 3 | Cuban | 328 | 0.1 | 349 | 0.1 |
| 4 | South or Central American (except Brazil) | 2,854 | 0.6 | 3,114 | 0.6 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 434 | 0.1 | 452 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 49,987 | 10.0 | 49,987 | 10.0 |
| 7 | Spanish surname only | 5,053 | 1.0 | - | - |
| 8 | Dominican Republic | 26 | 0.0 | 29 | 0.0 |
| 9 | Unknown whether Spanish or not | 11,103 | 2.2 | - | - |
| | NHIA surname match only | - | - | 12,868 | 2.6 |
| | Total | 500,692 | 100.0 | 500,692 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

CA: Greater Bay Area, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 151,782 | 86.8 | 151,628 | 86.7 |
| 1 | Mexican (includes Chicano) | 6,716 | 3.8 | 6,778 | 3.9 |
| 2 | Puerto Rican | 257 | 0.1 | 270 | 0.2 |
| 3 | Cuban | 95 | 0.1 | 104 | 0.1 |
| 4 | South or Central American (except Brazil) | 2,291 | 1.3 | 2,425 | 1.4 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 303 | 0.2 | 310 | 0.2 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 9,800 | 5.6 | 9,771 | 5.6 |
| 7 | Spanish surname only | 639 | 0.4 | - | - |
| 8 | Dominican Republic | 11 | 0.0 | 12 | 0.0 |
| 9 | Unknown whether Spanish or not | 3,000 | 1.7 | - | - |
| | NHIA surname match only | - | - | 3,596 | 2.1 |
| | Total | 174,894 | 100.0 | 174,894 | 100.0 |

CA: Los Angeles, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 149,808 | 70.6 | 151,879 | 71.6 |
| 1 | Mexican (includes Chicano) | 19,455 | 9.2 | 19,633 | 9.3 |
| 2 | Puerto Rican | 261 | 0.1 | 278 | 0.1 |
| 3 | Cuban | 655 | 0.3 | 681 | 0.3 |
| 4 | South or Central American (except Brazil) | 7,762 | 3.7 | 8,045 | 3.8 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 131 | 0.1 | 153 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 25,896 | 12.2 | 25,873 | 12.2 |
| 7 | Spanish surname only | 3,694 | 1.7 | - | - |
| 8 | Dominican Republic | 39 | 0.0 | 47 | 0.0 |
| 9 | Unknown whether Spanish or not | 4,369 | 2.1 | - | - |
| | NHIA surname match only | - | - | 5,481 | 2.6 |
| | Total | 212,070 | 100.0 | 212,070 | 100.0 |

Colorado, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 107,232 | 86.8 | 109,219 | 88.4 |
| 1 | Mexican (includes Chicano) | 2,494 | 2.0 | 2,875 | 2.3 |
| 2 | Puerto Rican | 83 | 0.1 | 113 | 0.1 |
| 3 | Cuban | 43 | 0.0 | 58 | 0.0 |
| 4 | South or Central American (except Brazil) | 227 | 0.2 | 343 | 0.3 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 323 | 0.3 | 332 | 0.3 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 8,387 | 6.8 | 7,893 | 6.4 |
| 7 | Spanish surname only | 3,136 | 2.5 | - | - |
| 8 | Dominican Republic | 24 | 0.0 | 28 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,545 | 1.3 | - | - |
| | NHIA surname match only | - | - | 2,633 | 2.1 |
| | Total | 123,494 | 100.0 | 123,494 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Connecticut, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 101,560 | 90.6 | 103,896 | 92.7 |
| 1 | Mexican (includes Chicano) | 194 | 0.2 | 218 | 0.2 |
| 2 | Puerto Rican | 1,730 | 1.5 | 1,911 | 1.7 |
| 3 | Cuban | 93 | 0.1 | 102 | 0.1 |
| 4 | South or Central American (except Brazil) | 686 | 0.6 | 875 | 0.8 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 304 | 0.3 | 321 | 0.3 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 3,810 | 3.4 | 3,493 | 3.1 |
| 7 | Spanish surname only | 1,483 | 1.3 | - | - |
| 8 | Dominican Republic | 184 | 0.2 | 209 | 0.2 |
| 9 | Unknown whether Spanish or not | 2,048 | 1.8 | - | - |
| | NHIA surname match only | - | - | 1,067 | 1.0 |
| | Total | 112,092 | 100.0 | 112,092 | 100.0 |

Delaware, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 29,935 | 97.2 | 29,907 | 97.1 |
| 1 | Mexican (includes Chicano) | 59 | 0.2 | 76 | 0.2 |
| 2 | Puerto Rican | 68 | 0.2 | 113 | 0.4 |
| 3 | Cuban | 9 | 0.0 | 15 | 0.0 |
| 4 | South or Central American (except Brazil) | 23 | 0.1 | 34 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 137 | 0.4 | 138 | 0.4 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 369 | 1.2 | 314 | 1.0 |
| 7 | Spanish surname only | 5 | 0.0 | - | - |
| 8 | Dominican Republic | 16 | 0.1 | 18 | 0.1 |
| 9 | Unknown whether Spanish or not | 183 | 0.6 | - | - |
| | NHIA surname match only | - | - | 189 | 0.6 |
| | Total | 30,804 | 100.0 | 30,804 | 100.0 |

District of Columbia, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 14,170 | 92.5 | 14,668 | 95.8 |
| 1 | Mexican (includes Chicano) | 25 | 0.2 | 28 | 0.2 |
| 2 | Puerto Rican | 13 | 0.1 | 16 | 0.1 |
| 3 | Cuban | 4 | 0.0 | 13 | 0.1 |
| 4 | South or Central American (except Brazil) | 116 | 0.8 | 171 | 1.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 64 | 0.4 | 66 | 0.4 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 206 | 1.3 | 164 | 1.1 |
| 7 | Spanish surname only | 64 | 0.4 | - | - |
| 8 | Dominican Republic | 13 | 0.1 | 22 | 0.1 |
| 9 | Unknown whether Spanish or not | 636 | 4.2 | - | - |
| | NHIA surname match only | - | - | 163 | 1.1 |
| | Total | 15,311 | 100.0 | 15,311 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Florida, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 563,604 | 86.8 | 554,282 | 85.4 |
| 1 | Mexican (includes Chicano) | 3,161 | 0.5 | 3,478 | 0.5 |
| 2 | Puerto Rican | 3,775 | 0.6 | 4,910 | 0.8 |
| 3 | Cuban | 11,711 | 1.8 | 14,854 | 2.3 |
| 4 | South or Central American (except Brazil) | 7,475 | 1.2 | 10,090 | 1.6 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 1,509 | 0.2 | 1,696 | 0.3 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 52,942 | 8.2 | 46,988 | 7.2 |
| 7 | Spanish surname only | 570 | 0.1 | - | - |
| 8 | Dominican Republic | 939 | 0.1 | 1,249 | 0.2 |
| 9 | Unknown whether Spanish or not | 3,325 | 0.5 | - | - |
| | NHIA surname match only | - | - | 11,464 | 1.8 |
| | Total | 649,011 | 100.0 | 649,011 | 100.0 |

Georgia, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 253,043 | 96.1 | 255,214 | 96.9 |
| 1 | Mexican (includes Chicano) | 1,258 | 0.5 | 1,486 | 0.6 |
| 2 | Puerto Rican | 379 | 0.1 | 476 | 0.2 |
| 3 | Cuban | 177 | 0.1 | 233 | 0.1 |
| 4 | South or Central American (except Brazil) | 515 | 0.2 | 834 | 0.3 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 401 | 0.2 | 423 | 0.2 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 3,910 | 1.5 | 3,387 | 1.3 |
| 7 | Spanish surname only | 211 | 0.1 | - | - |
| 8 | Dominican Republic | 147 | 0.1 | 171 | 0.1 |
| 9 | Unknown whether Spanish or not | 3,263 | 1.2 | - | - |
| | NHIA surname match only | - | - | 1,080 | 0.4 |
| | Total | 263,304 | 100.0 | 263,304 | 100.0 |

Hawaii, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 35,882 | 93.8 | 36,336 | 95.0 |
| 1 | Mexican (includes Chicano) | 187 | 0.5 | 193 | 0.5 |
| 2 | Puerto Rican | 428 | 1.1 | 431 | 1.1 |
| 3 | Cuban | 4 | 0.0 | 4 | 0.0 |
| 4 | South or Central American (except Brazil) | 34 | 0.1 | 55 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 280 | 0.7 | 282 | 0.7 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 467 | 1.2 | 452 | 1.2 |
| 7 | Spanish surname only | 9 | 0.0 | - | - |
| 8 | Dominican Republic | 48 | 0.1 | 49 | 0.1 |
| 9 | Unknown whether Spanish or not | 919 | 2.4 | - | - |
| | NHIA surname match only | - | - | 456 | 1.2 |
| | Total | 38,258 | 100.0 | 38,258 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Idaho, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 39,735 | 94.8 | 40,155 | 95.8 |
| 1 | Mexican (includes Chicano) | 601 | 1.4 | 717 | 1.7 |
| 2 | Puerto Rican | 12 | 0.0 | 15 | 0.0 |
| 3 | Cuban | 6 | 0.0 | 7 | 0.0 |
| 4 | South or Central American (except Brazil) | 25 | 0.1 | 46 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 25 | 0.1 | 32 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 556 | 1.3 | 444 | 1.1 |
| 7 | Spanish surname only | 25 | 0.1 | - | - |
| 8 | Dominican Republic | 16 | 0.0 | 16 | 0.0 |
| 9 | Unknown whether Spanish or not | 895 | 2.1 | - | - |
| | NHIA surname match only | - | - | 464 | 1.1 |
| | Total | 41,896 | 100.0 | 41,896 | 100.0 |

Illinois, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 338,998 | 93.4 | 339,307 | 93.4 |
| 1 | Mexican (includes Chicano) | 3,965 | 1.1 | 5,726 | 1.6 |
| 2 | Puerto Rican | 815 | 0.2 | 1,095 | 0.3 |
| 3 | Cuban | 172 | 0.0 | 230 | 0.1 |
| 4 | South or Central American (except Brazil) | 556 | 0.2 | 1,009 | 0.3 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 195 | 0.1 | 209 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 13,693 | 3.8 | 11,637 | 3.2 |
| 7 | Spanish surname only | 353 | 0.1 | - | - |
| 8 | Dominican Republic | 106 | 0.0 | 124 | 0.0 |
| 9 | Unknown whether Spanish or not | 4,255 | 1.2 | - | - |
| | NHIA surname match only | - | - | 3,771 | 1.0 |
| | Total | 363,108 | 100.0 | 363,108 | 100.0 |

Indiana, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 177,327 | 97.5 | 178,191 | 98.0 |
| 1 | Mexican (includes Chicano) | 578 | 0.3 | 638 | 0.4 |
| 2 | Puerto Rican | 73 | 0.0 | 88 | 0.0 |
| 3 | Cuban | 18 | 0.0 | 25 | 0.0 |
| 4 | South or Central American (except Brazil) | 77 | 0.0 | 103 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 60 | 0.0 | 64 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 1,931 | 1.1 | 1,855 | 1.0 |
| 7 | Spanish surname only | 77 | 0.0 | - | - |
| 8 | Dominican Republic | 22 | 0.0 | 24 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,733 | 1.0 | - | - |
| | NHIA surname match only | - | - | 908 | 0.5 |
| | Total | 181,896 | 100.0 | 181,896 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Iowa, 2012-2016

NHIAv2 option used*: 2

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 92,125 | 97.3 | 93,455 | 98.7 |
| 1 | Mexican (includes Chicano) | 315 | 0.3 | 335 | 0.4 |
| 2 | Puerto Rican | 19 | 0.0 | 21 | 0.0 |
| 3 | Cuban | 13 | 0.0 | 15 | 0.0 |
| 4 | South or Central American (except Brazil) | 47 | 0.0 | 58 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 2 | 0.0 | 3 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 588 | 0.6 | 564 | 0.6 |
| 7 | Spanish surname only | 142 | 0.1 | - | - |
| 8 | Dominican Republic | 0 | 0.0 | 0 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,423 | 1.5 | - | - |
| | NHIA surname match only | - | - | 223 | 0.2 |
| | Total | 94,674 | 100.0 | 94,674 | 100.0 |

Kansas, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 70,727 | 89.2 | 76,193 | 96.1 |
| 1 | Mexican (includes Chicano) | 497 | 0.6 | 552 | 0.7 |
| 2 | Puerto Rican | 8 | 0.0 | 18 | 0.0 |
| 3 | Cuban | 13 | 0.0 | 15 | 0.0 |
| 4 | South or Central American (except Brazil) | 39 | 0.0 | 58 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 68 | 0.1 | 68 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 1,716 | 2.2 | 1,651 | 2.1 |
| 7 | Spanish surname only | 43 | 0.1 | - | - |
| 8 | Dominican Republic | 21 | 0.0 | 21 | 0.0 |
| 9 | Unknown whether Spanish or not | 6,181 | 7.8 | - | - |
| | NHIA surname match only | - | - | 737 | 0.9 |
| | Total | 79,313 | 100.0 | 79,313 | 100.0 |

Kentucky, 2012-2016

NHIAv2 option used*: 2

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 139,671 | 97.5 | 142,409 | 99.4 |
| 1 | Mexican (includes Chicano) | 296 | 0.2 | 300 | 0.2 |
| 2 | Puerto Rican | 43 | 0.0 | 51 | 0.0 |
| 3 | Cuban | 96 | 0.1 | 101 | 0.1 |
| 4 | South or Central American (except Brazil) | 44 | 0.0 | 60 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 33 | 0.0 | 33 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 352 | 0.2 | 334 | 0.2 |
| 7 | Spanish surname only | 52 | 0.0 | - | - |
| 8 | Dominican Republic | 19 | 0.0 | 19 | 0.0 |
| 9 | Unknown whether Spanish or not | 2,701 | 1.9 | - | - |
| | NHIA surname match only | - | - | 0 | 0.0 |
| | Total | 143,307 | 100.0 | 143,307 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Louisiana, 2012-2016*

NHIAv2 option used[†]: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 128,487 | 97.1 | 129,859 | 98.1 |
| 1 | Mexican (includes Chicano) | 188 | 0.1 | 204 | 0.2 |
| 2 | Puerto Rican | 81 | 0.1 | 88 | 0.1 |
| 3 | Cuban | 61 | 0.0 | 71 | 0.1 |
| 4 | South or Central American (except Brazil) | 81 | 0.1 | 143 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 225 | 0.2 | 228 | 0.2 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 1,065 | 0.8 | 1,002 | 0.8 |
| 7 | Spanish surname only | 53 | 0.0 | - | - |
| 8 | Dominican Republic | 58 | 0.0 | 60 | 0.0 |
| 9 | Unknown whether Spanish or not | 2,092 | 1.6 | - | - |
| | NHIA surname match only | - | - | 736 | 0.6 |
| | Total | 132,391 | 100.0 | 132,391 | 100.0 |

Maine, 2012-2016

NHIAv2 option used[†]: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 44,851 | 98.0 | 45,601 | 99.6 |
| 1 | Mexican (includes Chicano) | 36 | 0.1 | 39 | 0.1 |
| 2 | Puerto Rican | 22 | 0.0 | 23 | 0.1 |
| 3 | Cuban | 8 | 0.0 | 10 | 0.0 |
| 4 | South or Central American (except Brazil) | 9 | 0.0 | 21 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 9 | 0.0 | 9 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 75 | 0.2 | 69 | 0.2 |
| 7 | Spanish surname only | 5 | 0.0 | - | - |
| 8 | Dominican Republic | 8 | 0.0 | 9 | 0.0 |
| 9 | Unknown whether Spanish or not | 761 | 1.7 | - | - |
| | NHIA surname match only | - | - | 3 | 0.0 |
| | Total | 45,784 | 100.0 | 45,784 | 100.0 |

Maryland, 2012-2016

NHIAv2 option used[†]: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 150,705 | 92.5 | 158,039 | 97.0 |
| 1 | Mexican (includes Chicano) | 251 | 0.2 | 285 | 0.2 |
| 2 | Puerto Rican | 138 | 0.1 | 189 | 0.1 |
| 3 | Cuban | 55 | 0.0 | 81 | 0.0 |
| 4 | South or Central American (except Brazil) | 963 | 0.6 | 1,290 | 0.8 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 182 | 0.1 | 198 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 1,699 | 1.0 | 1,434 | 0.9 |
| 7 | Spanish surname only | 90 | 0.1 | - | - |
| 8 | Dominican Republic | 74 | 0.0 | 88 | 0.1 |
| 9 | Unknown whether Spanish or not | 8,754 | 5.4 | - | - |
| | NHIA surname match only | - | - | 1,307 | 0.8 |
| | Total | 162,911 | 100.0 | 162,911 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Massachusetts, 2012-2016

NHIAv2 option used^a: na

| 190 Code | Category | Data Item 190 | | NHIA Data Item^a | |
|-----------------|---|----------------------|----------------|-----------------------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 182,296 | 94.4 | - | - |
| 1 | Mexican (includes Chicano) | 213 | 0.1 | - | - |
| 2 | Puerto Rican | 2,962 | 1.5 | - | - |
| 3 | Cuban | 139 | 0.1 | - | - |
| 4 | South or Central American (except Brazil) | 1,236 | 0.6 | - | - |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 169 | 0.1 | - | - |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 1,551 | 0.8 | - | - |
| 7 | Spanish surname only | 116 | 0.1 | - | - |
| 8 | Dominican Republic | 1,525 | 0.8 | - | - |
| 9 | Unknown whether Spanish or not | 2,879 | 1.5 | - | - |
| | NHIA surname match only | - | - | - | - |
| | Total | 193,086 | 100.0 | - | - |

^a The NHIA Data Item has been suppressed at the request of Massachusetts.

Michigan, 2012-2016

NHIAv2 option used^a: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 253,839 | 88.1 | 283,333 | 98.4 |
| 1 | Mexican (includes Chicano) | 494 | 0.2 | 522 | 0.2 |
| 2 | Puerto Rican | 86 | 0.0 | 106 | 0.0 |
| 3 | Cuban | 29 | 0.0 | 34 | 0.0 |
| 4 | South or Central American (except Brazil) | 52 | 0.0 | 68 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 95 | 0.0 | 95 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 2,527 | 0.9 | 2,487 | 0.9 |
| 7 | Spanish surname only | 465 | 0.2 | - | - |
| 8 | Dominican Republic | 107 | 0.0 | 111 | 0.0 |
| 9 | Unknown whether Spanish or not | 30,325 | 10.5 | - | - |
| | NHIA surname match only | - | - | 1,263 | 0.4 |
| | Total | 288,019 | 100.0 | 288,019 | 100.0 |

MI: Detroit, 2012-2016

NHIAv2 option used^a: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 117,622 | 96.1 | 119,906 | 98.0 |
| 1 | Mexican (includes Chicano) | 375 | 0.3 | 380 | 0.3 |
| 2 | Puerto Rican | 72 | 0.1 | 89 | 0.1 |
| 3 | Cuban | 9 | 0.0 | 11 | 0.0 |
| 4 | South or Central American (except Brazil) | 23 | 0.0 | 31 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 53 | 0.0 | 53 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 987 | 0.8 | 966 | 0.8 |
| 7 | Spanish surname only | 136 | 0.1 | - | - |
| 8 | Dominican Republic | 114 | 0.1 | 114 | 0.1 |
| 9 | Unknown whether Spanish or not | 2,988 | 2.4 | - | - |
| | NHIA surname match only | - | - | 829 | 0.7 |
| | Total | 122,379 | 100.0 | 122,379 | 100.0 |

^a See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Minnesota, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 145,366 | 94.5 | 151,162 | 98.3 |
| 1 | Mexican (includes Chicano) | 809 | 0.5 | 873 | 0.6 |
| 2 | Puerto Rican | 63 | 0.0 | 71 | 0.0 |
| 3 | Cuban | 46 | 0.0 | 51 | 0.0 |
| 4 | South or Central American (except Brazil) | 161 | 0.1 | 229 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 85 | 0.1 | 89 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 815 | 0.5 | 719 | 0.5 |
| 7 | Spanish surname only | 9 | 0.0 | - | - |
| 8 | Dominican Republic | 11 | 0.0 | 14 | 0.0 |
| 9 | Unknown whether Spanish or not | 6,435 | 4.2 | - | - |
| | NHIA surname match only | - | - | 592 | 0.4 |
| | Total | 153,800 | 100.0 | 153,800 | 100.0 |

Mississippi, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 82,521 | 97.9 | 83,755 | 99.4 |
| 1 | Mexican (includes Chicano) | 69 | 0.1 | 69 | 0.1 |
| 2 | Puerto Rican | 16 | 0.0 | 17 | 0.0 |
| 3 | Cuban | 13 | 0.0 | 14 | 0.0 |
| 4 | South or Central American (except Brazil) | 19 | 0.0 | 25 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 21 | 0.0 | 21 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 237 | 0.3 | 234 | 0.3 |
| 7 | Spanish surname only | 0 | 0.0 | - | - |
| 8 | Dominican Republic | 8 | 0.0 | 8 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,358 | 1.6 | - | - |
| | NHIA surname match only | - | - | 119 | 0.1 |
| | Total | 84,262 | 100.0 | 84,262 | 100.0 |

Missouri, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 166,186 | 94.7 | 173,676 | 98.9 |
| 1 | Mexican (includes Chicano) | 416 | 0.2 | 456 | 0.3 |
| 2 | Puerto Rican | 42 | 0.0 | 52 | 0.0 |
| 3 | Cuban | 43 | 0.0 | 52 | 0.0 |
| 4 | South or Central American (except Brazil) | 90 | 0.1 | 138 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 54 | 0.0 | 63 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 735 | 0.4 | 684 | 0.4 |
| 7 | Spanish surname only | 42 | 0.0 | - | - |
| 8 | Dominican Republic | 19 | 0.0 | 22 | 0.0 |
| 9 | Unknown whether Spanish or not | 7,944 | 4.5 | - | - |
| | NHIA surname match only | - | - | 428 | 0.2 |
| | Total | 175,571 | 100.0 | 175,571 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Montana, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 30,770 | 98.3 | 30,889 | 98.6 |
| 1 | Mexican (includes Chicano) | 61 | 0.2 | 69 | 0.2 |
| 2 | Puerto Rican | 4 | 0.0 | 7 | 0.0 |
| 3 | Cuban | 0 | 0.0 | 1 | 0.0 |
| 4 | South or Central American (except Brazil) | 3 | 0.0 | 11 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 8 | 0.0 | 13 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 96 | 0.3 | 90 | 0.3 |
| 7 | Spanish surname only | 360 | 1.1 | - | - |
| 8 | Dominican Republic | 15 | 0.0 | 15 | 0.0 |
| 9 | Unknown whether Spanish or not | 0 | 0.0 | - | - |
| | NHIA surname match only | - | - | 222 | 0.7 |
| | Total | 31,317 | 100.0 | 31,317 | 100.0 |

Nebraska, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 49,100 | 96.4 | 49,324 | 96.8 |
| 1 | Mexican (includes Chicano) | 489 | 1.0 | 509 | 1.0 |
| 2 | Puerto Rican | 15 | 0.0 | 17 | 0.0 |
| 3 | Cuban | 18 | 0.0 | 19 | 0.0 |
| 4 | South or Central American (except Brazil) | 11 | 0.0 | 24 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 37 | 0.1 | 37 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 649 | 1.3 | 621 | 1.2 |
| 7 | Spanish surname only | 57 | 0.1 | - | - |
| 8 | Dominican Republic | 6 | 0.0 | 6 | 0.0 |
| 9 | Unknown whether Spanish or not | 550 | 1.1 | - | - |
| | NHIA surname match only | - | - | 375 | 0.7 |
| | Total | 50,932 | 100.0 | 50,932 | 100.0 |

Nevada, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 58,581 | 89.2 | 58,428 | 89.0 |
| 1 | Mexican (includes Chicano) | 1,342 | 2.0 | 1,712 | 2.6 |
| 2 | Puerto Rican | 48 | 0.1 | 75 | 0.1 |
| 3 | Cuban | 161 | 0.2 | 222 | 0.3 |
| 4 | South or Central American (except Brazil) | 252 | 0.4 | 351 | 0.5 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 101 | 0.2 | 108 | 0.2 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 3,744 | 5.7 | 3,274 | 5.0 |
| 7 | Spanish surname only | 92 | 0.1 | - | - |
| 8 | Dominican Republic | 23 | 0.0 | 26 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,321 | 2.0 | - | - |
| | NHIA surname match only | - | - | 1,469 | 2.2 |
| | Total | 65,665 | 100.0 | 65,665 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

New Hampshire, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 41,717 | 96.3 | 42,862 | 98.9 |
| 1 | Mexican (includes Chicano) | 30 | 0.1 | 32 | 0.1 |
| 2 | Puerto Rican | 54 | 0.1 | 65 | 0.2 |
| 3 | Cuban | 10 | 0.0 | 11 | 0.0 |
| 4 | South or Central American (except Brazil) | 36 | 0.1 | 50 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 13 | 0.0 | 15 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 153 | 0.4 | 142 | 0.3 |
| 7 | Spanish surname only | 14 | 0.0 | - | - |
| 8 | Dominican Republic | 39 | 0.1 | 42 | 0.1 |
| 9 | Unknown whether Spanish or not | 1,256 | 2.9 | - | - |
| | NHIA surname match only | - | - | 103 | 0.2 |
| | Total | 43,322 | 100.0 | 43,322 | 100.0 |

New Jersey, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 243,425 | 88.6 | 247,812 | 90.2 |
| 1 | Mexican (includes Chicano) | 1,038 | 0.4 | 1,067 | 0.4 |
| 2 | Puerto Rican | 4,864 | 1.8 | 4,975 | 1.8 |
| 3 | Cuban | 1,623 | 0.6 | 1,692 | 0.6 |
| 4 | South or Central American (except Brazil) | 4,793 | 1.7 | 5,288 | 1.9 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 1,957 | 0.7 | 2,023 | 0.7 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 7,165 | 2.6 | 6,628 | 2.4 |
| 7 | Spanish surname only | 582 | 0.2 | - | - |
| 8 | Dominican Republic | 1,124 | 0.4 | 1,227 | 0.4 |
| 9 | Unknown whether Spanish or not | 8,161 | 3.0 | - | - |
| | NHIA surname match only | - | - | 4,020 | 1.5 |
| | Total | 274,732 | 100.0 | 274,732 | 100.0 |

New Mexico, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 32,169 | 66.5 | 31,956 | 66.1 |
| 1 | Mexican (includes Chicano) | 1,118 | 2.3 | 1,232 | 2.5 |
| 2 | Puerto Rican | 88 | 0.2 | 95 | 0.2 |
| 3 | Cuban | 35 | 0.1 | 40 | 0.1 |
| 4 | South or Central American (except Brazil) | 39 | 0.1 | 56 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 1,820 | 3.8 | 1,826 | 3.8 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 11,210 | 23.2 | 11,080 | 22.9 |
| 7 | Spanish surname only | 632 | 1.3 | - | - |
| 8 | Dominican Republic | 4 | 0.0 | 4 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,238 | 2.6 | - | - |
| | NHIA surname match only | - | - | 2,064 | 4.3 |
| | Total | 48,353 | 100.0 | 48,353 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

New York, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 545,695 | 90.3 | 540,512 | 89.4 |
| 1 | Mexican (includes Chicano) | 2,242 | 0.4 | 2,242 | 0.4 |
| 2 | Puerto Rican | 11,507 | 1.9 | 11,507 | 1.9 |
| 3 | Cuban | 1,243 | 0.2 | 1,243 | 0.2 |
| 4 | South or Central American (except Brazil) | 10,450 | 1.7 | 10,450 | 1.7 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 4,772 | 0.8 | 4,772 | 0.8 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 19,127 | 3.2 | 19,127 | 3.2 |
| 7 | Spanish surname only | 2,405 | 0.4 | - | - |
| 8 | Dominican Republic | 7,019 | 1.2 | 7,019 | 1.2 |
| 9 | Unknown whether Spanish or not | 0 | 0.0 | - | - |
| | NHIA surname match only | - | - | 7,588 | 1.3 |
| | Total | 604,460 | 100.0 | 604,460 | 100.0 |

North Carolina, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 278,722 | 97.3 | 280,002 | 97.7 |
| 1 | Mexican (includes Chicano) | 913 | 0.3 | 1,018 | 0.4 |
| 2 | Puerto Rican | 270 | 0.1 | 325 | 0.1 |
| 3 | Cuban | 95 | 0.0 | 115 | 0.0 |
| 4 | South or Central American (except Brazil) | 365 | 0.1 | 550 | 0.2 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 94 | 0.0 | 103 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 2,882 | 1.0 | 2,672 | 0.9 |
| 7 | Spanish surname only | 70 | 0.0 | - | - |
| 8 | Dominican Republic | 53 | 0.0 | 62 | 0.0 |
| 9 | Unknown whether Spanish or not | 3,041 | 1.1 | - | - |
| | NHIA surname match only | - | - | 1,658 | 0.6 |
| | Total | 286,505 | 100.0 | 286,505 | 100.0 |

North Dakota, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 19,237 | 97.7 | 19,581 | 99.5 |
| 1 | Mexican (includes Chicano) | 36 | 0.2 | 42 | 0.2 |
| 2 | Puerto Rican | 1 | 0.0 | 1 | 0.0 |
| 3 | Cuban | 3 | 0.0 | 3 | 0.0 |
| 4 | South or Central American (except Brazil) | 0 | 0.0 | 6 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 4 | 0.0 | 5 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 54 | 0.3 | 46 | 0.2 |
| 7 | Spanish surname only | 3 | 0.0 | - | - |
| 8 | Dominican Republic | 1 | 0.0 | 1 | 0.0 |
| 9 | Unknown whether Spanish or not | 350 | 1.8 | - | - |
| | NHIA surname match only | - | - | 4 | 0.0 |
| | Total | 19,689 | 100.0 | 19,689 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Ohio, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 329,473 | 95.9 | 340,230 | 99.1 |
| 1 | Mexican (includes Chicano) | 529 | 0.2 | 577 | 0.2 |
| 2 | Puerto Rican | 273 | 0.1 | 406 | 0.1 |
| 3 | Cuban | 37 | 0.0 | 51 | 0.0 |
| 4 | South or Central American (except Brazil) | 83 | 0.0 | 166 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 62 | 0.0 | 72 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 1,433 | 0.4 | 1,283 | 0.4 |
| 7 | Spanish surname only | 27 | 0.0 | - | - |
| 8 | Dominican Republic | 47 | 0.0 | 56 | 0.0 |
| 9 | Unknown whether Spanish or not | 11,443 | 3.3 | - | - |
| | NHIA surname match only | - | - | 566 | 0.2 |
| | Total | 343,407 | 100.0 | 343,407 | 100.0 |

Oklahoma, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 98,499 | 94.1 | 101,637 | 97.1 |
| 1 | Mexican (includes Chicano) | 486 | 0.5 | 509 | 0.5 |
| 2 | Puerto Rican | 53 | 0.1 | 59 | 0.1 |
| 3 | Cuban | 16 | 0.0 | 18 | 0.0 |
| 4 | South or Central American (except Brazil) | 21 | 0.0 | 30 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 205 | 0.2 | 206 | 0.2 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 1,544 | 1.5 | 1,514 | 1.4 |
| 7 | Spanish surname only | 49 | 0.0 | - | - |
| 8 | Dominican Republic | 69 | 0.1 | 70 | 0.1 |
| 9 | Unknown whether Spanish or not | 3,778 | 3.6 | - | - |
| | NHIA surname match only | - | - | 677 | 0.6 |
| | Total | 104,720 | 100.0 | 104,720 | 100.0 |

Oregon, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 105,661 | 96.0 | 105,655 | 95.9 |
| 1 | Mexican (includes Chicano) | 1,326 | 1.2 | 1,469 | 1.3 |
| 2 | Puerto Rican | 61 | 0.1 | 66 | 0.1 |
| 3 | Cuban | 43 | 0.0 | 48 | 0.0 |
| 4 | South or Central American (except Brazil) | 89 | 0.1 | 158 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 215 | 0.2 | 228 | 0.2 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 1,720 | 1.6 | 1,558 | 1.4 |
| 7 | Spanish surname only | 173 | 0.2 | - | - |
| 8 | Dominican Republic | 18 | 0.0 | 20 | 0.0 |
| 9 | Unknown whether Spanish or not | 809 | 0.7 | - | - |
| | NHIA surname match only | - | - | 913 | 0.8 |
| | Total | 110,115 | 100.0 | 110,115 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Pennsylvania, 2012-2016

NHIAv2 option used^a: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 397,311 | 93.9 | 413,477 | 97.7 |
| 1 | Mexican (includes Chicano) | 474 | 0.1 | 513 | 0.1 |
| 2 | Puerto Rican | 1,601 | 0.4 | 1,974 | 0.5 |
| 3 | Cuban | 95 | 0.0 | 119 | 0.0 |
| 4 | South or Central American (except Brazil) | 276 | 0.1 | 489 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 247 | 0.1 | 278 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 4,701 | 1.1 | 4,236 | 1.0 |
| 7 | Spanish surname only | 71 | 0.0 | - | - |
| 8 | Dominican Republic | 260 | 0.1 | 338 | 0.1 |
| 9 | Unknown whether Spanish or not | 17,987 | 4.3 | - | - |
| | NHIA surname match only | - | - | 1,599 | 0.4 |
| | Total | 423,023 | 100.0 | 423,023 | 100.0 |

Rhode Island, 2012-2016

NHIAv2 option used^a: na

| 190 Code | Category | Data Item 190 | | NHIA Data Item^b | |
|-----------------|---|----------------------|----------------|-----------------------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 30,754 | 93.9 | - | - |
| 1 | Mexican (includes Chicano) | 19 | 0.1 | - | - |
| 2 | Puerto Rican | 175 | 0.5 | - | - |
| 3 | Cuban | 13 | 0.0 | - | - |
| 4 | South or Central American (except Brazil) | 193 | 0.6 | - | - |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 26 | 0.1 | - | - |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 742 | 2.3 | - | - |
| 7 | Spanish surname only | 14 | 0.0 | - | - |
| 8 | Dominican Republic | 227 | 0.7 | - | - |
| 9 | Unknown whether Spanish or not | 581 | 1.8 | - | - |
| | NHIA surname match only | - | - | - | - |
| | Total | 32,744 | 100.0 | - | - |

^b The NHIA Data Item has been suppressed at the request of Rhode Island.

South Carolina, 2012-2016

NHIAv2 option used^a: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 138,382 | 96.7 | 141,119 | 98.6 |
| 1 | Mexican (includes Chicano) | 314 | 0.2 | 341 | 0.2 |
| 2 | Puerto Rican | 104 | 0.1 | 131 | 0.1 |
| 3 | Cuban | 26 | 0.0 | 28 | 0.0 |
| 4 | South or Central American (except Brazil) | 104 | 0.1 | 170 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 36 | 0.0 | 42 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 834 | 0.6 | 762 | 0.5 |
| 7 | Spanish surname only | 15 | 0.0 | - | - |
| 8 | Dominican Republic | 15 | 0.0 | 17 | 0.0 |
| 9 | Unknown whether Spanish or not | 3,221 | 2.3 | - | - |
| | NHIA surname match only | - | - | 441 | 0.3 |
| | Total | 143,051 | 100.0 | 143,051 | 100.0 |

^a See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

South Dakota, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 23,446 | 98.0 | 23,739 | 99.2 |
| 1 | Mexican (includes Chicano) | 47 | 0.2 | 49 | 0.2 |
| 2 | Puerto Rican | 13 | 0.1 | 13 | 0.1 |
| 3 | Cuban | 6 | 0.0 | 6 | 0.0 |
| 4 | South or Central American (except Brazil) | 14 | 0.1 | 14 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 6 | 0.0 | 6 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 89 | 0.4 | 87 | 0.4 |
| 7 | Spanish surname only | 8 | 0.0 | - | - |
| 8 | Dominican Republic | 5 | 0.0 | 5 | 0.0 |
| 9 | Unknown whether Spanish or not | 291 | 1.2 | - | - |
| | NHIA surname match only | - | - | 6 | 0.0 |
| | Total | 23,925 | 100.0 | 23,925 | 100.0 |

Tennessee, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 169,832 | 89.3 | 187,929 | 98.8 |
| 1 | Mexican (includes Chicano) | 516 | 0.3 | 544 | 0.3 |
| 2 | Puerto Rican | 71 | 0.0 | 79 | 0.0 |
| 3 | Cuban | 53 | 0.0 | 55 | 0.0 |
| 4 | South or Central American (except Brazil) | 75 | 0.0 | 129 | 0.1 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 55 | 0.0 | 59 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 855 | 0.4 | 799 | 0.4 |
| 7 | Spanish surname only | 17 | 0.0 | - | - |
| 8 | Dominican Republic | 39 | 0.0 | 42 | 0.0 |
| 9 | Unknown whether Spanish or not | 18,619 | 9.8 | - | - |
| | NHIA surname match only | - | - | 496 | 0.3 |
| | Total | 190,132 | 100.0 | 190,132 | 100.0 |

Texas, 2012-2016*

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 460,300 | 80.1 | 447,226 | 77.8 |
| 1 | Mexican (includes Chicano) | 28,784 | 5.0 | 36,095 | 6.3 |
| 2 | Puerto Rican | 668 | 0.1 | 857 | 0.1 |
| 3 | Cuban | 305 | 0.1 | 507 | 0.1 |
| 4 | South or Central American (except Brazil) | 431 | 0.1 | 1,543 | 0.3 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 2,116 | 0.4 | 2,134 | 0.4 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 78,818 | 13.7 | 71,133 | 12.4 |
| 7 | Spanish surname only | 1,555 | 0.3 | - | - |
| 8 | Dominican Republic | 262 | 0.0 | 278 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,510 | 0.3 | - | - |
| | NHIA surname match only | - | - | 14,976 | 2.6 |
| | Total | 574,749 | 100.0 | 574,749 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Utah, 2012-2016

NHIAv2 option used*: 0

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 51,603 | 92.3 | 51,944 | 92.9 |
| 1 | Mexican (includes Chicano) | 845 | 1.5 | 1,125 | 2.0 |
| 2 | Puerto Rican | 30 | 0.1 | 37 | 0.1 |
| 3 | Cuban | 14 | 0.0 | 15 | 0.0 |
| 4 | South or Central American (except Brazil) | 138 | 0.2 | 212 | 0.4 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 19 | 0.0 | 26 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 2,275 | 4.1 | 1,967 | 3.5 |
| 7 | Spanish surname only | 284 | 0.5 | - | - |
| 8 | Dominican Republic | 30 | 0.1 | 32 | 0.1 |
| 9 | Unknown whether Spanish or not | 696 | 1.2 | - | - |
| | NHIA surname match only | - | - | 576 | 1.0 |
| | Total | 55,934 | 100.0 | 55,934 | 100.0 |

Vermont, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 19,220 | 97.9 | 19,559 | 99.6 |
| 1 | Mexican (includes Chicano) | 19 | 0.1 | 19 | 0.1 |
| 2 | Puerto Rican | 5 | 0.0 | 8 | 0.0 |
| 3 | Cuban | 1 | 0.0 | 1 | 0.0 |
| 4 | South or Central American (except Brazil) | 4 | 0.0 | 9 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 2 | 0.0 | 3 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 34 | 0.2 | 31 | 0.2 |
| 7 | Spanish surname only | 1 | 0.0 | - | - |
| 8 | Dominican Republic | 1 | 0.0 | 2 | 0.0 |
| 9 | Unknown whether Spanish or not | 353 | 1.8 | - | - |
| | NHIA surname match only | - | - | 8 | 0.0 |
| | Total | 19,640 | 100.0 | 19,640 | 100.0 |

Virginia, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 197,047 | 94.0 | 203,929 | 97.3 |
| 1 | Mexican (includes Chicano) | 267 | 0.1 | 283 | 0.1 |
| 2 | Puerto Rican | 194 | 0.1 | 233 | 0.1 |
| 3 | Cuban | 67 | 0.0 | 74 | 0.0 |
| 4 | South or Central American (except Brazil) | 1,116 | 0.5 | 1,455 | 0.7 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 219 | 0.1 | 228 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 2,211 | 1.1 | 2,006 | 1.0 |
| 7 | Spanish surname only | 46 | 0.0 | - | - |
| 8 | Dominican Republic | 44 | 0.0 | 51 | 0.0 |
| 9 | Unknown whether Spanish or not | 8,340 | 4.0 | - | - |
| | NHIA surname match only | - | - | 1,292 | 0.6 |
| | Total | 209,551 | 100.0 | 209,551 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Washington, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 185,518 | 95.3 | 187,038 | 96.1 |
| 1 | Mexican (includes Chicano) | 1,340 | 0.7 | 1,640 | 0.8 |
| 2 | Puerto Rican | 117 | 0.1 | 139 | 0.1 |
| 3 | Cuban | 51 | 0.0 | 61 | 0.0 |
| 4 | South or Central American (except Brazil) | 220 | 0.1 | 368 | 0.2 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 108 | 0.1 | 128 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 3,711 | 1.9 | 3,362 | 1.7 |
| 7 | Spanish surname only | 989 | 0.5 | - | - |
| 8 | Dominican Republic | 52 | 0.0 | 57 | 0.0 |
| 9 | Unknown whether Spanish or not | 2,595 | 1.3 | - | - |
| | NHIA surname match only | - | - | 1,908 | 1.0 |
| | Total | 194,701 | 100.0 | 194,701 | 100.0 |

WA: Seattle/Puget Sound, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 135,320 | 96.2 | 135,658 | 96.4 |
| 1 | Mexican (includes Chicano) | 994 | 0.7 | 1,071 | 0.8 |
| 2 | Puerto Rican | 139 | 0.1 | 151 | 0.1 |
| 3 | Cuban | 57 | 0.0 | 63 | 0.0 |
| 4 | South or Central American (except Brazil) | 216 | 0.2 | 338 | 0.2 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 71 | 0.1 | 88 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 2,190 | 1.6 | 2,042 | 1.5 |
| 7 | Spanish surname only | 1,105 | 0.8 | - | - |
| 8 | Dominican Republic | 46 | 0.0 | 50 | 0.0 |
| 9 | Unknown whether Spanish or not | 600 | 0.4 | - | - |
| | NHIA surname match only | - | - | 1,277 | 0.9 |
| | Total | 140,738 | 100.0 | 140,738 | 100.0 |

West Virginia, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 59,306 | 96.9 | 60,997 | 99.7 |
| 1 | Mexican (includes Chicano) | 89 | 0.1 | 89 | 0.1 |
| 2 | Puerto Rican | 11 | 0.0 | 18 | 0.0 |
| 3 | Cuban | 3 | 0.0 | 5 | 0.0 |
| 4 | South or Central American (except Brazil) | 4 | 0.0 | 7 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 10 | 0.0 | 10 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 73 | 0.1 | 68 | 0.1 |
| 7 | Spanish surname only | 6 | 0.0 | - | - |
| 8 | Dominican Republic | 4 | 0.0 | 4 | 0.0 |
| 9 | Unknown whether Spanish or not | 1,703 | 2.8 | - | - |
| | NHIA surname match only | - | - | 11 | 0.0 |
| | Total | 61,209 | 100.0 | 61,209 | 100.0 |

* See last page for a description of options.

**Appendix F - Comparison of NAACCR Data Item 190 (Spanish/Hispanic Origin)
and NHIA v2 Results by Registry**

Wisconsin, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 167,100 | 96.8 | 169,468 | 98.2 |
| 1 | Mexican (includes Chicano) | 336 | 0.2 | 441 | 0.3 |
| 2 | Puerto Rican | 108 | 0.1 | 134 | 0.1 |
| 3 | Cuban | 25 | 0.0 | 29 | 0.0 |
| 4 | South or Central American (except Brazil) | 44 | 0.0 | 78 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 23 | 0.0 | 25 | 0.0 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 2,146 | 1.2 | 2,004 | 1.2 |
| 7 | Spanish surname only | 29 | 0.0 | - | - |
| 8 | Dominican Republic | 27 | 0.0 | 30 | 0.0 |
| 9 | Unknown whether Spanish or not | 2,797 | 1.6 | - | - |
| | NHIA surname match only | - | - | 426 | 0.2 |
| | Total | 172,635 | 100.0 | 172,635 | 100.0 |

Wyoming, 2012-2016

NHIAv2 option used*: 1

| 190 Code | Category | Data Item 190 | | NHIA Data Item | |
|-----------------|---|----------------------|----------------|-----------------------|----------------|
| | | Count | Percent | Count | Percent |
| 0 | Non-Spanish; non-Hispanic | 13,459 | 96.5 | 13,354 | 95.7 |
| 1 | Mexican (includes Chicano) | 166 | 1.2 | 172 | 1.2 |
| 2 | Puerto Rican | 6 | 0.0 | 7 | 0.1 |
| 3 | Cuban | 1 | 0.0 | 1 | 0.0 |
| 4 | South or Central American (except Brazil) | 5 | 0.0 | 5 | 0.0 |
| 5 | Other specified Spanish/Hispanic origin (includes European) | 6 | 0.0 | 7 | 0.1 |
| 6 | Spanish, NOS; Hispanic, NOS; Latino, NOS | 150 | 1.1 | 148 | 1.1 |
| 7 | Spanish surname only | 103 | 0.7 | - | - |
| 8 | Dominican Republic | 2 | 0.0 | 2 | 0.0 |
| 9 | Unknown whether Spanish or not | 50 | 0.4 | - | - |
| | NHIA surname match only | - | - | 252 | 1.8 |
| | Total | 13,948 | 100.0 | 13,948 | 100.0 |

*NHIAv2 Exclusion Options:

na - not available.

0 - No exclusions were applied.

1 - In counties with less than 5% of the county population being of Hispanic/Latino ethnicity, included the surname match portion of NHIAv2 for cases reported on data element 190, as Spanish surname only or as unknown whether Spanish (item 190 - codes 7 or 9). That is, did not run it on non-Hispanic cases (coded 0 on data element 190) in these counties.

2 - In counties with less than 5% of the county population being of Hispanic/Latino ethnicity, included the surname match portion of NHIAv2 for cases reported on data element 190, as Spanish surname only (data item 190 - code 7) and converted all cases unknown whether Hispanic (code 9 on data element 190) to a code of 0 (non-Hispanic). That is, did not run it on cases who were non-Hispanic (code 0 on data element 190) or unknown Hispanic ethnicity (code 9 on data element 190) in these counties.

3 - Other.