

ICPSR 34241

**Research on Early Life and Aging  
Trends and Effects (RELATE): A  
Cross-National Study**

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Harmonized Cross-National RELATE Data  
Original Codebook

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Notes:

-All questions were not included in each survey. Therefore, missing includes not only missing responses from unanswered survey questions, but also instances where a particular survey did not include a specific question, or set of questions.

-To merge the cross national harmonized data set with country-specific data files, please use the COUNTRY and ID variables.

| Variable                  | Variable name                                    |         |            |            | Frequency |
|---------------------------|--|---------|------------|------------|-----------|
| id                        | individual ID number (created for all countries) |         |            |            | 88273     |
| country                   | country ID number (constructed variable)         |         |            |            |           |
|                           | Frequency  | Percent | Cum. Perc. | Cum. Freq. |           |
| 1. China-CLHLS            | 16064  | 18.2    | 18.2       | 16064      |           |
| 3. Costa Rica-CRELES      | 2827   | 3.2     | 21.4       | 18891      |           |
| 4. Puerto Rico-PREHCO     | 4291   | 4.9     | 26.3       | 23182      |           |
| 5. US-WLS                 | 10317  | 11.7    | 37.9       | 33499      |           |
| 10. China-CHNS            | 6452   | 7.3     | 45.3       | 39951      |           |
| 11. Argentina-SABE        | 1043   | 1.2     | 46.4       | 40994      |           |
| 12. Barbados-SABE         | 1508   | 1.7     | 48.1       | 42502      |           |
| 13. Brazil-SABE           | 2143   | 2.4     | 50.6       | 44645      |           |
| 14. Chile-SABE            | 1301   | 1.5     | 52.0       | 45946      |           |
| 15. Cuba-SABE             | 1905   | 2.2     | 54.2       | 47851      |           |
| 16. Mexico-SABE           | 1247   | 1.4     | 55.6       | 49098      |           |
| 17. Uruguay-SABE          | 1450   | 1.6     | 57.3       | 50548      |           |
| 20. India-WHO/SAGE        | 7150   | 8.1     | 65.4       | 57698      |           |
| 21. Ghana-WHO/SAGE        | 4724   | 5.4     | 70.7       | 62422      |           |
| 22. China-WHO/SAGE        | 13368  | 15.1    | 85.9       | 75790      |           |
| 23. South Africa-WHO/SAGE | 3830   | 4.3     | 90.2       | 79620      |           |
| 24. Mexico-WHO/SAGE       | 4142   | 4.7     | 94.9       | 83762      |           |
| 25. Russia-WHO/SAGE       | 4511   | 5.1     | 100.0      | 88273      |           |
| Total                     | 88273  | 100.0   |            |            |           |
| wave                      | survey year (constructed variable)               |         |            |            |           |
|                           | Frequency  | Percent | Cum. Perc. | Cum. Freq. |           |
| 2000                      | 17049  | 19.3    | 19.3       | 17049      |           |
| 2002                      | 16064  | 18.2    | 37.5       | 33113      |           |
| 2003                      | 2827   | 3.2     | 40.7       | 35940      |           |
| 2002-03                   | 4291   | 4.9     | 45.6       | 40231      |           |
| 2004-05                   | 10317  | 11.7    | 57.3       | 50548      |           |
| 2007-08                   | 37725  | 42.7    | 100.0      | 88273      |           |
| Total                     | 88273  | 100.0   |            |            |           |
| birthcohort               | birthcohort                                      |         |            |            |           |
|                           | Frequency  | Percent | Cum. Perc. | Cum. Freq. |           |
| 1. 1880-1890              | 23   | 0.0     | 0.0        | 23         |           |
| 2. 1891-1895              | 163  | 0.2     | 0.2        | 186        |           |
| 3. 1896-1900              | 1800   | 2.0     | 2.2        | 1986       |           |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 4. 1901-1905                  | 2350  | 2.7   | 4.9   | 4336  |
| 5. 1906-1910                  | 2699  | 3.1   | 8.0   | 7035  |
| 6. 1911-1915                  | 3298  | 3.7   | 11.7  | 10333 |
| 7. 1916-1920                  | 4798  | 5.4   | 17.1  | 15131 |
| 8. 1921-1925                  | 5626  | 6.4   | 23.5  | 20757 |
| 9. 1926-1930                  | 7515  | 8.5   | 32.0  | 28272 |
| 10. 1931-1935                 | 9496  | 10.8  | 42.8  | 37768 |
| 11. 1936-1940                 | 19185 | 21.7  | 64.5  | 56953 |
| 12. 1941-1945                 | 6583  | 7.5   | 72.0  | 63536 |
| 13. 1946-1950                 | 7484  | 8.5   | 80.5  | 71020 |
| 14. 1951-1955                 | 9218  | 10.4  | 90.9  | 80238 |
| 15. 1956-1960                 | 4819  | 5.5   | 96.4  | 85057 |
| 16. 1960+                     | 14    | 0.0   | 96.4  | 85071 |
| -1. missing or not applicable | 3202  | 3.6   | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

#### birthcohortFIN

#### compressed birth cohort categories

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 1. -1915                      | 10333     | 11.7    | 11.7       | 10333      |
| 2. 1916-1920                  | 4798      | 5.4     | 17.1       | 15131      |
| 3. 1921-1925                  | 5626      | 6.4     | 23.5       | 20757      |
| 4. 1926-1930                  | 7515      | 8.5     | 32.0       | 28272      |
| 5. 1931-1935                  | 9496      | 10.8    | 42.8       | 37768      |
| 6. 1936-1940                  | 19185     | 21.7    | 64.5       | 56953      |
| 7. 1941-1945                  | 6583      | 7.5     | 72.0       | 63536      |
| 8. 1946-1950                  | 7484      | 8.5     | 80.5       | 71020      |
| 9. 1951-1955                  | 9218      | 10.4    | 90.9       | 80238      |
| 10. 1956-1960                 | 4819      | 5.5     | 96.4       | 85057      |
| -1. missing or not applicable | 3216      | 3.6     | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### cohort

#### compressed birth cohort categories

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 1. born prior to 1925         | 20757     | 23.5    | 23.5       | 20757      |
| 2. born 1925-mid 1940s        | 42779     | 48.5    | 72.0       | 63536      |
| 3. born mid 1940s-1960s       | 21521     | 24.4    | 96.4       | 85057      |
| 4. born 1960+                 | 14        | 0.0     | 96.4       | 85071      |
| -1. missing or not applicable | 3202      | 3.6     | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### proxy

#### proxy (constructed variable)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. no                         | 52011     | 58.9    | 58.9       | 52011      |
| 1. yes                        | 4730      | 5.4     | 64.3       | 56741      |
| -1. missing or not applicable | 31532     | 35.7    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

| <b>typehh_clhls</b>                | category of the interviewed respondent (China-CLHLS) |                |                   |                   |
|------------------------------------|--|----------------|-------------------|-------------------|
|                                    | <u>Frequency</u>                                     | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 1. elder first interviewed in 1998 | 2642   | 3.0            | 3.0               | 2642              |
| 2. elder first interviewed in 2000 | 3674   | 4.2            | 7.2               | 6316              |
| 3. elder first interviewed in 2002 | 1989   | 2.3            | 9.4               | 8305              |
| 4. newly added elder in 2002       | 7601   | 8.6            | 18.0              | 15906             |
| 5. siblings age 80+ of 1,2,3,4     | 158  | 0.2            | 18.2              | 16064             |
| -1. missing or not applicable      | 72209  | 81.8           | 100.0             | 88273             |
| Total                              | 88273  | 100.0          |                   |                   |

| <b>province_chns</b>          | province where interviewed (China-CHNS) |                |                   |                   |
|-------------------------------|---|----------------|-------------------|-------------------|
|                               | <u>Frequency</u>                        | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 21. Liaoning                  | 675                                     | 0.8            | 0.8               | 675               |
| 23. Heilongjiang              | 518                                     | 0.6            | 1.4               | 1193              |
| 32. Jiangsu                   | 771                                     | 0.9            | 2.2               | 1964              |
| 37. Shandong                  | 757                                     | 0.9            | 3.1               | 2721              |
| 41. Henan                     | 724                                     | 0.8            | 3.9               | 3445              |
| 42. Hubei                     | 703                                     | 0.8            | 4.7               | 4148              |
| 43. Huan                      | 731                                     | 0.8            | 5.5               | 4879              |
| 45. Guangxi                   | 813                                     | 0.9            | 6.4               | 5692              |
| 52. Guizhou                   | 760                                     | 0.9            | 7.3               | 6452              |
| -1. missing or not applicable | 81821                                   | 92.7           | 100.0             | 88273             |
| Total                         | 88273                                   | 100.0          |                   |                   |

| <b>province_chsage</b>        | province where interviewed (China-WHO/SAGE) |                |                   |                   |
|-------------------------------|---|----------------|-------------------|-------------------|
|                               | <u>Frequency</u>                            | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 6. Guangdong                  | 1569  | 1.8            | 1.8               | 1569              |
| 14. Hubei                     | 1572  | 1.8            | 3.6               | 3141              |
| 18. Jilin                     | 1702  | 1.9            | 5.5               | 4843              |
| 24. Shaanxi                   | 1770  | 2.0            | 7.5               | 6613              |
| 25. Shandong                  | 1929  | 2.2            | 9.7               | 8542              |
| 26. Shanghai                  | 1793  | 2.0            | 11.7              | 10335             |
| 33. Yunnan                    | 1570  | 1.8            | 13.5              | 11905             |
| 34. Zhejiang                  | 1463  | 1.7            | 15.1              | 13368             |
| -1. missing or not applicable | 74905                                       | 84.9           | 100.0             | 88273             |
| Total                         | 88273                                       | 100.0          |                   |                   |

| <b>province_ghana</b> | province where interviewed (Ghana-WHO/SAGE) |                |                   |                   |
|-----------------------|---|----------------|-------------------|-------------------|
|                       | <u>Frequency</u>                            | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 1. Ashanti            | 714   | 0.8            | 0.8               | 714               |
| 2. Brong Ahafo        | 449   | 0.5            | 1.3               | 1163              |
| 3. Central            | 472   | 0.5            | 1.9               | 1635              |
| 4. Eastern            | 612   | 0.7            | 2.5               | 2247              |
| 5. Gt. Accra          | 523   | 0.6            | 3.1               | 2770              |
| 6. Northern           | 424   | 0.5            | 3.6               | 3194              |
| 7. Upper East         | 355   | 0.4            | 4.0               | 3549              |
| 8. Upper West         | 157   | 0.2            | 4.2               | 3706              |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 9. Volta                      | 475   | 0.5   | 4.7   | 4181  |
| 10. Western                   | 543   | 0.6   | 5.4   | 4724  |
| -1. missing or not applicable | 83549 | 94.6  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

**province\_india**

province where interviewed (Inda-WHO/SAGE)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 4. Assam                      | 718       | 0.8     | 0.8        | 718        |
| 17. Karnataka                 | 1033      | 1.2     | 2.0        | 1751       |
| 21. Maharashtra               | 1246      | 1.4     | 3.4        | 2997       |
| 29. Rajasthan                 | 1467      | 1.7     | 5.1        | 4464       |
| 33. Uttar Pradesh             | 1426      | 1.6     | 6.7        | 5890       |
| 35. West Bengal               | 1260      | 1.4     | 8.1        | 7150       |
| -1. missing or not applicable | 81123     | 91.9    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

**province\_mxsa**

province where interviewed (Mexico-WHO/SAGE)

|                         | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------|-----------|---------|------------|------------|
| 1. Aguascalientes       | 110       | 0.1     | 0.1        | 110        |
| 2. Baja California      | 83        | 0.1     | 0.2        | 193        |
| 3. Baja California Sur  | 20        | 0.0     | 0.2        | 213        |
| 4. Campeche             | 31        | 0.0     | 0.3        | 244        |
| 5. Coahuila De Zaragoza | 44        | 0.0     | 0.3        | 288        |
| 7. Chiapas              | 30        | 0.0     | 0.4        | 318        |
| 8. Chihuahua            | 60        | 0.1     | 0.4        | 378        |
| 9. Distrito Federal     | 263       | 0.3     | 0.7        | 641        |
| 10. Durango             | 142       | 0.2     | 0.9        | 783        |
| 11. Guanajuato          | 65        | 0.1     | 1.0        | 848        |
| 12. Guerrero            | 224       | 0.3     | 1.2        | 1072       |
| 13. Hidalgo             | 84        | 0.1     | 1.3        | 1156       |
| 14. Jalisco             | 262       | 0.3     | 1.6        | 1418       |
| 15. Mexico              | 136       | 0.2     | 1.8        | 1554       |
| 16. Michoacan De Ocampo | 134       | 0.2     | 1.9        | 1688       |
| 17. Morelos             | 67        | 0.1     | 2.0        | 1755       |
| 18. Nayarit             | 54        | 0.1     | 2.0        | 1809       |
| 19. Nuevo Leon          | 165       | 0.2     | 2.2        | 1974       |
| 20. Oaxaca              | 107       | 0.1     | 2.4        | 2081       |
| 21. Puebla              | 46        | 0.1     | 2.4        | 2127       |
| 22. Queretaro           | 111       | 0.1     | 2.5        | 2238       |
| 23. Quintana Roo        | 15        | 0.0     | 2.6        | 2253       |
| 24. San Luis Potosi     | 80        | 0.1     | 2.6        | 2333       |
| 25. Sinaloa             | 173       | 0.2     | 2.8        | 2506       |
| 26. Sonora              | 127       | 0.1     | 3.0        | 2633       |
| 27. Tabasco             | 51        | 0.1     | 3.0        | 2684       |
| 28. Tamaulipas          | 64        | 0.1     | 3.1        | 2748       |
| 29. Tlaxcala            | 8         | 0.0     | 3.1        | 2756       |
| 30. Veracruz De Ignacio | 44        | 0.0     | 3.2        | 2800       |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 31. Yucatan                   | 60    | 0.1   | 3.2   | 2860  |
| 32. Zacatecas                 | 60    | 0.1   | 3.3   | 2920  |
| -1. missing or not applicable | 85353 | 96.7  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

| province_russ             | province where interviewed (Russia-WHO/SAGE) |         |            |            |
|---------------------------|--|---------|------------|------------|
|                           | Frequency                                    | Percent | Cum. Perc. | Cum. Freq. |
| 1. Adygey                 | 43   | 0.0     | 0.0        | 43         |
| 4. Amur                   | 6  | 0.0     | 0.1        | 49         |
| 5. Arkhangel'Sk           | 62   | 0.1     | 0.1        | 111        |
| 6. Astrakhan'             | 10   | 0.0     | 0.1        | 121        |
| 7. Bashkortostan          | 26   | 0.0     | 0.2        | 147        |
| 8. Belgorod               | 96   | 0.1     | 0.3        | 243        |
| 10. Buryat                | 57   | 0.1     | 0.3        | 300        |
| 11. Chechnya              | 8  | 0.0     | 0.3        | 308        |
| 12. Chelyabinsk           | 402  | 0.5     | 0.8        | 710        |
| 13. Chita                 | 117  | 0.1     | 0.9        | 827        |
| 15. Chuvash               | 11   | 0.0     | 0.9        | 838        |
| 16. Dagestan              | 472  | 0.5     | 1.5        | 1310       |
| 19. Ingush                | 73   | 0.1     | 1.6        | 1383       |
| 20. Irkutsk               | 164  | 0.2     | 1.8        | 1547       |
| 22. Kabardin-Balkar       | 130  | 0.1     | 1.9        | 1677       |
| 24. Kalmyk                | 29   | 0.0     | 1.9        | 1706       |
| 25. Kaluga                | 11   | 0.0     | 1.9        | 1717       |
| 29. Kemerovo              | 66   | 0.1     | 2.0        | 1783       |
| 36. Kostroma              | 12   | 0.0     | 2.0        | 1795       |
| 37. Krasnodar             | 180  | 0.2     | 2.2        | 1975       |
| 38. Krasnoyarsk           | 57   | 0.1     | 2.3        | 2032       |
| 39. Kurgan                | 40   | 0.0     | 2.3        | 2072       |
| 40. Kursk                 | 11   | 0.0     | 2.4        | 2083       |
| 41. Leningrad             | 3  | 0.0     | 2.4        | 2086       |
| 42. Lipetsk               | 64   | 0.1     | 2.4        | 2150       |
| 44. Mariy-El              | 31   | 0.0     | 2.5        | 2181       |
| 45. Mordovia              | 11   | 0.0     | 2.5        | 2192       |
| 46. Moscow City           | 22   | 0.0     | 2.5        | 2214       |
| 47. Moskva                | 177  | 0.2     | 2.7        | 2391       |
| 50. Nizhegorod            | 175  | 0.2     | 2.9        | 2566       |
| 51. North Ossetia         | 91   | 0.1     | 3.0        | 2657       |
| 52. Novgorod              | 16   | 0.0     | 3.0        | 2673       |
| 54. Omsk                  | 48   | 0.1     | 3.1        | 2721       |
| 58. Perm'                 | 15   | 0.0     | 3.1        | 2736       |
| 59. Primor'Ye             | 39   | 0.0     | 3.1        | 2775       |
| 61. Rostov                | 359  | 0.4     | 3.6        | 3134       |
| 62. Ryazan'               | 98   | 0.1     | 3.7        | 3232       |
| 63. Saint Petersburg City | 25   | 0.0     | 3.7        | 3257       |
| 65. Sakhalin              | 9  | 0.0     | 3.7        | 3266       |
| 66. Samara                | 40   | 0.0     | 3.7        | 3306       |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 67. Saratov                   | 78    | 0.1   | 3.8   | 3384  |
| 68. Smolensk                  | 52    | 0.1   | 3.9   | 3436  |
| 69. Stavropol'                | 116   | 0.1   | 4.0   | 3552  |
| 70. Sverdlovsk                | 270   | 0.3   | 4.3   | 3822  |
| 72. Tatarstan                 | 67    | 0.1   | 4.4   | 3889  |
| 74. Tomsk                     | 331   | 0.4   | 4.8   | 4220  |
| 77. Tver'                     | 122   | 0.1   | 4.9   | 4342  |
| 79. Udmurt                    | 25    | 0.0   | 4.9   | 4367  |
| 80. Ul'Yanovsk                | 7     | 0.0   | 5.0   | 4374  |
| 82. Vladimir                  | 15    | 0.0   | 5.0   | 4389  |
| 83. Volgograd                 | 63    | 0.1   | 5.0   | 4452  |
| 84. Vologda                   | 30    | 0.0   | 5.1   | 4482  |
| 85. Voronezh                  | 5     | 0.0   | 5.1   | 4487  |
| 87. Yaroslavl'                | 24    | 0.0   | 5.1   | 4511  |
| -1. missing or not applicable | 83762 | 94.9  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

| <b>province_safr</b>          | province where interviewed (South-Africa WHO/SAGE) |                |                   |                   |
|-------------------------------|--|----------------|-------------------|-------------------|
|                               | <u>Frequency</u>                                   | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 1. Eastern Cape               | 929  | 1.1            | 1.1               | 929               |
| 2. Free State                 | 214  | 0.2            | 1.3               | 1143              |
| 3. Gauteng                    | 644  | 0.7            | 2.0               | 1787              |
| 4. Kwazulu-Natal              | 604  | 0.7            | 2.7               | 2391              |
| 5. Limpopo                    | 335  | 0.4            | 3.1               | 2726              |
| 6. Mpumalanga                 | 172  | 0.2            | 3.3               | 2898              |
| 7. North-West                 | 363  | 0.4            | 3.7               | 3261              |
| 8. Northern Cape              | 297  | 0.3            | 4.0               | 3558              |
| 9. Western Cape               | 272  | 0.3            | 4.3               | 3830              |
| -1. missing or not applicable | 84443  | 95.7           | 100.0             | 88273             |
| Total                         | 88273  | 100.0          |                   |                   |

## DEMOGRAPHICS

### Gender, age, martial status and position within the household

| <b>gender</b>                 | gender           |                |                   |                   |
|-------------------------------|------------------|----------------|-------------------|-------------------|
|                               | <u>Frequency</u> | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. male                       | 38126            | 43.2           | 43.2              | 38126             |
| 1. female                     | 47529            | 53.8           | 97.0              | 85655             |
| -1. missing or not applicable | 2618             | 3.0            | 100.0             | 88273             |
| Total                         | 88273            | 100.0          |                   |                   |



| age | age at time of survey |      |       |           |       |         |
|-----|-----------------------|------|-------|-----------|-------|---------|
|     | Mean                  | Min  | Max   | Std. Dev. | N     | Missing |
|     | 69                    | 29.0 | 120.0 | 13        | 85071 | 3202    |
|     | 25%Q1                 | 60.0 |       |           |       |         |
|     | 50%Median             | 66.0 |       |           |       |         |
|     | 75%Q3                 | 77.0 |       |           |       |         |

| agegroupALL                   | all age groups |         |            |            |
|-------------------------------|----------------|---------|------------|------------|
|                               | Frequency      | Percent | Cum. Perc. | Cum. Freq. |
| 1. <50                        | 2581           | 2.9     | 2.9        | 2581       |
| 2. 50-54                      | 8304           | 9.4     | 12.3       | 10885      |
| 3. 55-59                      | 7818           | 8.9     | 21.2       | 18703      |
| 4. 60-64                      | 14793          | 16.8    | 37.9       | 33496      |
| 5. 65-69                      | 13842          | 15.7    | 53.6       | 47338      |
| 6. 70-74                      | 9782           | 11.1    | 64.7       | 57120      |
| 7. 75-79                      | 7506           | 8.5     | 73.2       | 64626      |
| 8. 80-84                      | 5883           | 6.7     | 79.9       | 70509      |
| 9. 85-89                      | 4107           | 4.7     | 84.5       | 74616      |
| 10. 90-94                     | 3009           | 3.4     | 87.9       | 77625      |
| 11. 95-99                     | 1647           | 1.9     | 89.8       | 79272      |
| 12. 100-105                   | 2933           | 3.3     | 93.1       | 82205      |
| 13. 106+                      | 386            | 0.4     | 93.6       | 82591      |
| -1. missing or not applicable | 5682           | 6.4     | 100.0      | 88273      |
| Total                         | 88273          | 100.0   |            |            |

| agegroupVer2                  | all age groups (version 2) |         |            |            |
|-------------------------------|----------------------------|---------|------------|------------|
|                               | Frequency                  | Percent | Cum. Perc. | Cum. Freq. |
| 1. <50                        | 2452                       | 2.8     | 2.8        | 2452       |
| 2. 50-54                      | 8433                       | 9.6     | 12.3       | 10885      |
| 3. 55-59                      | 7818                       | 8.9     | 21.2       | 18703      |
| 4. 60-64                      | 14793                      | 16.8    | 37.9       | 33496      |
| 5. 65-69                      | 13842                      | 15.7    | 53.6       | 47338      |
| 6. 70-74                      | 9782                       | 11.1    | 64.7       | 57120      |
| 7. 75-79                      | 7506                       | 8.5     | 73.2       | 64626      |
| 8. 80-84                      | 5883                       | 6.7     | 79.9       | 70509      |
| 9. 85+                        | 12082                      | 13.7    | 93.6       | 82591      |
| -1. missing or not applicable | 5682                       | 6.4     | 100.0      | 88273      |
| Total                         | 88273                      | 100.0   |            |            |

| civil                | marital status |         |            |            |
|----------------------|----------------|---------|------------|------------|
|                      | Frequency      | Percent | Cum. Perc. | Cum. Freq. |
| 1. currently married | 48280          | 54.7    | 54.7       | 48280      |
| 2. separated         | 3396           | 3.8     | 58.5       | 51676      |
| 3. divorced          | 1869           | 2.1     | 60.7       | 53545      |
| 4. widowed           | 25848          | 29.3    | 89.9       | 79393      |
| 5. never married     | 3052           | 3.5     | 93.4       | 82445      |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| -1. missing or not applicable | 5828  | 6.6   | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

#### positionFIN

summary - position in relation to HH head

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 1. HH head                    | 36533     | 41.4    | 41.4       | 36533      |
| 2. spouse of HH head          | 13704     | 15.5    | 56.9       | 50237      |
| 3. all other                  | 6407      | 7.3     | 64.2       | 56644      |
| -1. missing or not applicable | 31629     | 35.8    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### DEMOGRAPHICS

##### Ethnicity, race and language spoken

#### ethnic\_chns

ethnicity (China-CHNS)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. no                         | 271       | 0.3     | 0.3        | 271        |
| 1. yes,minority               | 33        | 0.0     | 0.3        | 304        |
| -1. missing or not applicable | 87969     | 99.7    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### ethnic\_clhls

ethnicity (China-CLHLS)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 1. Han                        | 15164     | 17.2    | 17.2       | 15164      |
| 2. Hui                        | 73        | 0.1     | 17.3       | 15237      |
| 3. Zhuang                     | 590       | 0.7     | 17.9       | 15827      |
| 4. Yao                        | 66        | 0.1     | 18.0       | 15893      |
| 5. Korea                      | 8         | 0.0     | 18.0       | 15901      |
| 6. Manchu                     | 98        | 0.1     | 18.1       | 15999      |
| 7. Mongolia                   | 5         | 0.0     | 18.1       | 16004      |
| 8. others                     | 55        | 0.1     | 18.2       | 16059      |
| 9. missing                    | 5         | 0.0     | 18.2       | 16064      |
| -1. missing or not applicable | 72209     | 81.8    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### ethnic\_pr

ethnicity (Puerto Rico-PREHCO)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. All Others                 | 1904      | 2.2     | 2.2        | 1904       |
| 1. Black/Mulatto              | 1730      | 2.0     | 4.1        | 3634       |
| -1. missing or not applicable | 84639     | 95.9    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### ethnic\_sabe

ethnicity (SABE excluding Argentina)

|            | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|------------|-----------|---------|------------|------------|
| 1. white   | 4416      | 5.0     | 5.0        | 4416       |
| 2. mestizo | 506       | 0.6     | 5.6        | 4922       |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 3. mulatto                    | 836   | 0.9   | 6.5   | 5758  |
| 4. black                      | 1640  | 1.9   | 8.4   | 7398  |
| 5. indigenous                 | 18    | 0.0   | 8.4   | 7416  |
| 6. Asian                      | 105   | 0.1   | 8.5   | 7521  |
| 7. other                      | 12    | 0.0   | 8.5   | 7533  |
| 8. ns                         | 207   | 0.2   | 8.8   | 7740  |
| 98. does not know             | 526   | 0.6   | 9.4   | 8266  |
| 99. no response               | 21    | 0.0   | 9.4   | 8287  |
| -1. missing or not applicable | 79986 | 90.6  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

#### ethnic\_ghana

#### ethnicity (Ghana-WHO/SAGE)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 1. Akan                       | 2061      | 2.3     | 2.3        | 2061       |
| 2. Ewe                        | 291       | 0.3     | 2.7        | 2352       |
| 3. Ga-Adangbe                 | 437       | 0.5     | 3.2        | 2789       |
| 4. Gruma                      | 215       | 0.2     | 3.4        | 3004       |
| 5. Grusi                      | 42        | 0.0     | 3.5        | 3046       |
| 6. Guan                       | 65        | 0.1     | 3.5        | 3111       |
| 7. Mande-Busanga              | 63        | 0.1     | 3.6        | 3174       |
| 8. Mole-Dagbon                | 107       | 0.1     | 3.7        | 3281       |
| 87. other                     | 946       | 1.1     | 4.8        | 4227       |
| 88. don't know                | 3         | 0.0     | 4.8        | 4230       |
| -1. missing or not applicable | 84043     | 95.2    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### ethnic\_india

#### ethnicity (India-WHO/SAGE)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 1. Scheduled tribe            | 400       | 0.5     | 0.5        | 400        |
| 2. Scheduled caste            | 1085      | 1.2     | 1.7        | 1485       |
| 3. No caste or tribe          | 1124      | 1.3     | 3.0        | 2609       |
| 7. Other                      | 3918      | 4.4     | 7.4        | 6527       |
| -1. missing or not applicable | 81746     | 92.6    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### ethnic\_mxsa

#### ethnicity (Mexico-WHO/SAGE)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. none                       | 1968      | 2.2     | 2.2        | 1968       |
| 2. Mixteco                    | 4         | 0.0     | 2.2        | 1972       |
| 3. Nahuatl                    | 14        | 0.0     | 2.2        | 1986       |
| 6. Zapoteco                   | 11        | 0.0     | 2.3        | 1997       |
| 87. other                     | 11        | 0.0     | 2.3        | 2008       |
| 88. don't know                | 6         | 0.0     | 2.3        | 2014       |
| -1. missing or not applicable | 86259     | 97.7    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

| <b>ethnic_safr</b>            | ethnicity (South Africa-WHO/SAGE) |         |            |            |
|-------------------------------|-----------------------------------|---------|------------|------------|
|                               | Frequency                         | Percent | Cum. Perc. | Cum. Freq. |
| 0. white                      | 269                               | 0.3     | 0.3        | 269        |
| 1. non-white                  | 3009                              | 3.4     | 3.7        | 3278       |
| -1. missing or not applicable | 84995                             | 96.3    | 100.0      | 88273      |
| Total                         | 88273                             | 100.0   |            |            |

## DEMOGRAPHICS

### Education, income and wealth

| <b>yeduca</b> | years of education (harmonized) |      |     |           |   |         |      |
|---------------|---------------------------------|------|-----|-----------|---|---------|------|
|               | Mean                            | Min  | Max | Std. Dev. | N | Missing |      |
|               | 6                               | 0.0  |     | 26.0      | 5 | 79456   | 8817 |
| 25%Q1         |                                 | 0.0  |     |           |   |         |      |
| 50%Median     |                                 | 5.0  |     |           |   |         |      |
| 75%Q3         |                                 | 10.0 |     |           |   |         |      |

| <b>education</b>              | education (harmonized) |         |            |            |
|-------------------------------|------------------------|---------|------------|------------|
|                               | Frequency              | Percent | Cum. Perc. | Cum. Freq. |
| 1. No schooling OR no qual UK | 24108                  | 27.3    | 27.3       | 24108      |
| 2. Primary-Elementary         | 25417                  | 28.8    | 56.1       | 49525      |
| 3. Secondary or Intermediate  | 22554                  | 25.6    | 81.7       | 72079      |
| 4. Higher                     | 7450                   | 8.4     | 90.1       | 79529      |
| -1. missing or not applicable | 8744                   | 9.9     | 100.0      | 88273      |
| Total                         | 88273                  | 100.0   |            |            |

| <b>noschool</b>               | no school |         |            |            |
|-------------------------------|-----------|---------|------------|------------|
|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 48156     | 54.6    | 54.6       | 48156      |
| 1. yes                        | 24108     | 27.3    | 81.9       | 72264      |
| -1. missing or not applicable | 16009     | 18.1    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

| <b>primary</b>                | primary   |         |            |            |
|-------------------------------|-----------|---------|------------|------------|
|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 46847     | 53.1    | 53.1       | 46847      |
| 1. yes                        | 25417     | 28.8    | 81.9       | 72264      |
| -1. missing or not applicable | 16009     | 18.1    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

| <b>secondary</b>              | secondary |         |            |            |
|-------------------------------|-----------|---------|------------|------------|
|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 56975     | 64.5    | 64.5       | 56975      |
| 1. yes                        | 22554     | 25.6    | 90.1       | 79529      |
| -1. missing or not applicable | 8744      | 9.9     | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

| <b>higher</b>                 | secondary plus |         |            |            |
|-------------------------------|----------------|---------|------------|------------|
|                               | Frequency      | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 72079          | 81.7    | 81.7       | 72079      |
| 1. yes                        | 7450           | 8.4     | 90.1       | 79529      |
| -1. missing or not applicable | 8744           | 9.9     | 100.0      | 88273      |
| Total                         | 88273          | 100.0   |            |            |

| <b>income</b> | income    |         |             |           |       |         |
|---------------|-----------|---------|-------------|-----------|-------|---------|
|               | Mean      | Min     | Max         | Std. Dev. | N     | Missing |
|               | 212643    | -453.3  | 455555552.0 | 4197798   | 76748 | 11525   |
|               | 25%Q1     | 1632.7  |             |           |       |         |
|               | 50%Median | 4938.4  |             |           |       |         |
|               | 75%Q3     | 15000.0 |             |           |       |         |

| <b>PPP</b> | yearly per capita household income expressed in PPP |        |           |           |       |         |
|------------|---|--------|-----------|-----------|-------|---------|
|            | Mean  | Min    | Max       | Std. Dev. | N     | Missing |
|            | 5984  | -227.3 | 7180352.5 | 36979     | 76748 | 11525   |
|            | 25%Q1   | 596.8  |           |           |       |         |
|            | 50%Median   | 1555.3 |           |           |       |         |
|            | 75%Q3   | 4147.4 |           |           |       |         |

| <b>quint</b>                  | quintile of income |         |            |            |
|-------------------------------|--------------------|---------|------------|------------|
|                               | Frequency          | Percent | Cum. Perc. | Cum. Freq. |
| 1                             | 15687              | 17.8    | 17.8       | 15687      |
| 2                             | 15455              | 17.5    | 35.3       | 31142      |
| 3                             | 15960              | 18.1    | 53.4       | 47102      |
| 4                             | 14501              | 16.4    | 69.8       | 61603      |
| 5                             | 15145              | 17.2    | 86.9       | 76748      |
| -1. missing or not applicable | 11525              | 13.1    | 100.0      | 88273      |
| Total                         | 88273              | 100.0   |            |            |

| <b>wealth_index</b>           | wealth indicator |         |            |            |
|-------------------------------|------------------|---------|------------|------------|
|                               | Frequency        | Percent | Cum. Perc. | Cum. Freq. |
| 1. low                        | 14549            | 16.5    | 16.5       | 14549      |
| 2. mid                        | 20831            | 23.6    | 40.1       | 35380      |
| 3. high                       | 23992            | 27.2    | 67.3       | 59372      |
| -1. missing or not applicable | 28901            | 32.7    | 100.0      | 88273      |
| Total                         | 88273            | 100.0   |            |            |

| <b>wealth_assets</b>          | <b>wealth indicator, # of possessions</b> |                |                   |                   |
|-------------------------------|---|----------------|-------------------|-------------------|
|                               | <b>Frequency</b>                          | <b>Percent</b> | <b>Cum. Perc.</b> | <b>Cum. Freq.</b> |
| 0                             | 4676                                      | 5.3            | 5.3               | 4676              |
| 1                             | 5499                                      | 6.2            | 11.5              | 10175             |
| 2                             | 4549                                      | 5.2            | 16.7              | 14724             |
| 3                             | 4244                                      | 4.8            | 21.5              | 18968             |
| 4                             | 5013                                      | 5.7            | 27.2              | 23981             |
| 5                             | 6618                                      | 7.5            | 34.7              | 30599             |
| 6                             | 9209                                      | 10.4           | 45.1              | 39808             |
| 7                             | 9954                                      | 11.3           | 56.4              | 49762             |
| 8                             | 7410                                      | 8.4            | 64.8              | 57172             |
| 9                             | 1768                                      | 2.0            | 66.8              | 58940             |
| 10                            | 432                                       | 0.5            | 67.3              | 59372             |
| -1. missing or not applicable | 28901                                     | 32.7           | 100.0             | 88273             |
| Total                         | 88273                                     | 100.0          |                   |                   |

## DEMOGRAPHICS

### Family and household

| <b>siblings</b> | <b>number of siblings</b> |            |            |                  |          |                |
|-----------------|---------------------------|------------|------------|------------------|----------|----------------|
|                 | <b>Mean</b>               | <b>Min</b> | <b>Max</b> | <b>Std. Dev.</b> | <b>N</b> | <b>Missing</b> |
|                 | 4                         | 0.0        | 26.0       | 3                | 27290    | 60983          |
| 25%Q1           |                           | 2.0        |            |                  |          |                |
| 50%Median       |                           | 3.0        |            |                  |          |                |
| 75%Q3           |                           | 5.0        |            |                  |          |                |

| <b>children</b> | <b>number of children</b> |            |            |                  |          |                |
|-----------------|---------------------------|------------|------------|------------------|----------|----------------|
|                 | <b>Mean</b>               | <b>Min</b> | <b>Max</b> | <b>Std. Dev.</b> | <b>N</b> | <b>Missing</b> |
|                 | 4                         | 0.0        | 27.0       | 3                | 41248    | 47025          |
| 25%Q1           |                           | 2.0        |            |                  |          |                |
| 50%Median       |                           | 4.0        |            |                  |          |                |
| 75%Q3           |                           | 6.0        |            |                  |          |                |

| <b>hhsz</b> | <b>household size</b> |            |            |                  |          |                |
|-------------|-----------------------|------------|------------|------------------|----------|----------------|
|             | <b>Mean</b>           | <b>Min</b> | <b>Max</b> | <b>Std. Dev.</b> | <b>N</b> | <b>Missing</b> |
|             | 3                     | 1.0        | 40.0       | 3                | 82962    | 5311           |
| 25%Q1       |                       | 2.0        |            |                  |          |                |
| 50%Median   |                       | 3.0        |            |                  |          |                |
| 75%Q3       |                       | 5.0        |            |                  |          |                |

**SYSTEM****WHO rating of health care systems**

| hscore | health score assessed by WHO in 2000 |       |       |           |       |         |
|--------|--------------------------------------|-------|-------|-----------|-------|---------|
|        | Mean                                 | Min   | Max   | Std. Dev. | N     | Missing |
|        | 107                                  | 33.0  | 175.0 | 47        | 88273 | 0       |
|        | 25%Q1                                | 46.0  |       |           |       |         |
|        | 50%Median                            | 135.0 |       |           |       |         |
|        | 75%Q3                                | 144.0 |       |           |       |         |

**SYSTEM****Demographic regime**

| regime        | demographic regime |         |           |            |
|---------------|--------------------|---------|-----------|------------|
|               | Frequency          | Percent | Cum.Perc. | Cum. Freq. |
| 1. Very early | 10317              | 11.7    | 11.7      | 10317      |
| 2. Early      | 4398               | 5.0     | 16.7      | 14715      |
| 3. Mid-paced  | 12249              | 13.9    | 30.5      | 26964      |
| 4. Late       | 13551              | 15.4    | 45.9      | 40515      |
| 5. Very late  | 47758              | 54.1    | 100.0     | 88273      |
| Total         | 88273              | 100.0   |           |            |

**EARLY LIFE CONDITIONS****Birthplace and timing of birth**

| born                          | born in the country |         |            |            |
|-------------------------------|---------------------|---------|------------|------------|
|                               | Frequency           | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 1382                | 1.6     | 1.6        | 1382       |
| 1. yes                        | 71846               | 81.4    | 83.0       | 73228      |
| -1. missing or not applicable | 15045               | 17.0    | 100.0      | 88273      |
| Total                         | 88273               | 100.0   |            |            |

| bplace_chns        | province born (China_CHNS) |         |           |            |
|--------------------|----------------------------|---------|-----------|------------|
|                    | Frequency                  | Percent | Cum.Perc. | Cum. Freq. |
| 13. Hebei          | 6                          | 0.0     | 0.0       | 6          |
| 14. Shanxi         | 1                          | 0.0     | 0.0       | 7          |
| 15. Inner Mongolia | 2                          | 0.0     | 0.0       | 9          |
| 21. Liaoning       | 86                         | 0.1     | 0.1       | 95         |
| 22. Jilin          | 8                          | 0.0     | 0.1       | 103        |
| 23. Heilongjiang   | 28                         | 0.0     | 0.1       | 131        |
| 32. Jiangsu        | 32                         | 0.0     | 0.2       | 163        |
| 33. Zhejiang       | 1                          | 0.0     | 0.2       | 164        |
| 34. Anhui          | 1                          | 0.0     | 0.2       | 165        |
| 37. Shandong       | 48                         | 0.1     | 0.2       | 213        |
| 41. Henan          | 7                          | 0.0     | 0.2       | 220        |
| 42. Hubei          | 8                          | 0.0     | 0.3       | 228        |
| 43. Huan           | 18                         | 0.0     | 0.3       | 246        |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 44. Guangdong                 | 3     | 0.0   | 0.3   | 249   |
| 45. Guangxi                   | 15    | 0.0   | 0.3   | 264   |
| 51. Sichuan                   | 1     | 0.0   | 0.3   | 265   |
| 52. Guizhou                   | 24    | 0.0   | 0.3   | 289   |
| -1. missing or not applicable | 87984 | 99.7  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

**bplace\_clhls**
**province born (China-CLHLS)**

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 11. Beijing                   | 141       | 0.2     | 0.2        | 141        |
| 12. Tianjian                  | 139       | 0.2     | 0.3        | 280        |
| 13. Hebei                     | 449       | 0.5     | 0.8        | 729        |
| 14. Shanxi                    | 173       | 0.2     | 1.0        | 902        |
| 15. Inner Mongolia            | 4         | 0.0     | 1.0        | 906        |
| 21. Liaoning                  | 711       | 0.8     | 1.8        | 1617       |
| 22. Jilin                     | 268       | 0.3     | 2.1        | 1885       |
| 23. Heilongjiang              | 114       | 0.1     | 2.3        | 1999       |
| 31. Shanghai                  | 266       | 0.3     | 2.6        | 2265       |
| 32. Jiangsu                   | 2265      | 2.6     | 5.1        | 4530       |
| 33. Zhejiang                  | 1676      | 1.9     | 7.0        | 6206       |
| 34. Anhui                     | 794       | 0.9     | 7.9        | 7000       |
| 35. Fujian                    | 528       | 0.6     | 8.5        | 7528       |
| 36. Jiangxi                   | 293       | 0.3     | 8.9        | 7821       |
| 37. Shandong                  | 1140      | 1.3     | 10.2       | 8961       |
| 41. Henan                     | 707       | 0.8     | 11.0       | 9668       |
| 42. Hubei                     | 632       | 0.7     | 11.7       | 10300      |
| 43. Huan                      | 702       | 0.8     | 12.5       | 11002      |
| 44. Guangdong                 | 815       | 0.9     | 13.4       | 11817      |
| 45. Guangxi                   | 1896      | 2.1     | 15.5       | 13713      |
| 46. Hainan                    | 2         | 0.0     | 15.5       | 13715      |
| 50. Chongqing                 | 441       | 0.5     | 16.0       | 14156      |
| 51. Sichuan                   | 1564      | 1.8     | 17.8       | 15720      |
| 52. Guizhou                   | 9         | 0.0     | 17.8       | 15729      |
| 53. Yunnan                    | 5         | 0.0     | 17.8       | 15734      |
| 61. Shaanxi                   | 182       | 0.2     | 18.0       | 15916      |
| 62. Gansu                     | 2         | 0.0     | 18.0       | 15918      |
| 64. Ningxia                   | 1         | 0.0     | 18.0       | 15919      |
| -1. missing or not applicable | 72354     | 82.0    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

**bplace\_CRprovince**
**province born (Costa Rica-CRELES)**

|               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|---------------|-----------|---------|------------|------------|
| 1. San Jose   | 806       | 0.9     | 0.9        | 806        |
| 2. Alajuela   | 581       | 0.7     | 1.6        | 1387       |
| 3. Cartago    | 486       | 0.6     | 2.1        | 1873       |
| 4. Heredia    | 183       | 0.2     | 2.3        | 2056       |
| 5. Guanacaste | 381       | 0.4     | 2.8        | 2437       |



|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 6. Puntarenas                 | 159   | 0.2   | 2.9   | 2596  |
| 7. Limon                      | 64    | 0.1   | 3.0   | 2660  |
| -1. missing or not applicable | 85613 | 97.0  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

**bplace\_pr**

municipality where born (Puerto Rico-PREHCO)

|                  | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|------------------|-----------|---------|------------|------------|
| 1. adjuntas      | 58        | 0.1     | 0.1        | 58         |
| 3. aguada        | 6         | 0.0     | 0.1        | 64         |
| 5. aguadilla     | 16        | 0.0     | 0.1        | 80         |
| 7. aguas buenas  | 24        | 0.0     | 0.1        | 104        |
| 9. aibonito      | 59        | 0.1     | 0.2        | 163        |
| 11. anasco       | 84        | 0.1     | 0.3        | 247        |
| 13. arecibo      | 328       | 0.4     | 0.7        | 575        |
| 15. arroyo       | 11        | 0.0     | 0.7        | 586        |
| 17. barceloneta  | 55        | 0.1     | 0.7        | 641        |
| 19. barranquitas | 22        | 0.0     | 0.8        | 663        |
| 21. bayamon      | 73        | 0.1     | 0.8        | 736        |
| 23. cabo roo     | 47        | 0.1     | 0.9        | 783        |
| 25. caguas       | 63        | 0.1     | 1.0        | 846        |
| 27. camuy        | 61        | 0.1     | 1.0        | 907        |
| 31. carolina     | 58        | 0.1     | 1.1        | 965        |
| 33. catano       | 31        | 0.0     | 1.1        | 996        |
| 35. cayey        | 67        | 0.1     | 1.2        | 1063       |
| 37. ceiba        | 3         | 0.0     | 1.2        | 1066       |
| 39. ciales       | 28        | 0.0     | 1.2        | 1094       |
| 41. cidra        | 21        | 0.0     | 1.3        | 1115       |
| 43. coama        | 81        | 0.1     | 1.4        | 1196       |
| 45. comerio      | 40        | 0.0     | 1.4        | 1236       |
| 47. corazal      | 37        | 0.0     | 1.4        | 1273       |
| 49. dorado       | 5         | 0.0     | 1.4        | 1278       |
| 51. fajardo      | 13        | 0.0     | 1.5        | 1291       |
| 55. guanica      | 39        | 0.0     | 1.5        | 1330       |
| 57. guayama      | 77        | 0.1     | 1.6        | 1407       |
| 59. guayanilla   | 31        | 0.0     | 1.6        | 1438       |
| 61. guaynabo     | 66        | 0.1     | 1.7        | 1504       |
| 63. gurabo       | 19        | 0.0     | 1.7        | 1523       |
| 65. hatillo      | 61        | 0.1     | 1.8        | 1584       |
| 67. hormigueros  | 8         | 0.0     | 1.8        | 1592       |
| 69. humacao      | 31        | 0.0     | 1.8        | 1623       |
| 71. isabela      | 28        | 0.0     | 1.9        | 1651       |
| 73. jayuya       | 23        | 0.0     | 1.9        | 1674       |
| 75. juana diaz   | 70        | 0.1     | 2.0        | 1744       |
| 77. juncos       | 14        | 0.0     | 2.0        | 1758       |
| 79. lajas        | 33        | 0.0     | 2.0        | 1791       |
| 81. lares        | 68        | 0.1     | 2.1        | 1859       |
| 83. las marias   | 31        | 0.0     | 2.1        | 1890       |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 85. las piedras               | 9     | 0.0   | 2.2   | 1899  |
| 87. loiza                     | 171   | 0.2   | 2.3   | 2070  |
| 89. luquillo                  | 3     | 0.0   | 2.3   | 2073  |
| 91. manati                    | 47    | 0.1   | 2.4   | 2120  |
| 93. maricao                   | 27    | 0.0   | 2.4   | 2147  |
| 95. maunabo                   | 12    | 0.0   | 2.4   | 2159  |
| 97. mayaguez                  | 292   | 0.3   | 2.8   | 2451  |
| 99. moca                      | 50    | 0.1   | 2.8   | 2501  |
| 101. morovis                  | 47    | 0.1   | 2.9   | 2548  |
| 103. naguabo                  | 22    | 0.0   | 2.9   | 2570  |
| 105. naranjito                | 14    | 0.0   | 2.9   | 2584  |
| 107. orocovis                 | 50    | 0.1   | 3.0   | 2634  |
| 109. patillas                 | 9     | 0.0   | 3.0   | 2643  |
| 111. penuelas                 | 18    | 0.0   | 3.0   | 2661  |
| 113. ponce                    | 243   | 0.3   | 3.3   | 2904  |
| 115. quebradilla              | 22    | 0.0   | 3.3   | 2926  |
| 117. rincon                   | 31    | 0.0   | 3.3   | 2957  |
| 119. rio grande               | 20    | 0.0   | 3.4   | 2977  |
| 121. sabana grande            | 10    | 0.0   | 3.4   | 2987  |
| 123. salinas                  | 77    | 0.1   | 3.5   | 3064  |
| 125. san german               | 69    | 0.1   | 3.5   | 3133  |
| 127. san juan                 | 388   | 0.4   | 4.0   | 3521  |
| 129. san lorenzo              | 16    | 0.0   | 4.0   | 3537  |
| 131. san sebastian            | 40    | 0.0   | 4.1   | 3577  |
| 133. santa isabel             | 28    | 0.0   | 4.1   | 3605  |
| 135. toa alta                 | 39    | 0.0   | 4.1   | 3644  |
| 137. toa baja                 | 57    | 0.1   | 4.2   | 3701  |
| 139. trujillo alto            | 34    | 0.0   | 4.2   | 3735  |
| 141. utuado                   | 85    | 0.1   | 4.3   | 3820  |
| 143. vega alta                | 30    | 0.0   | 4.4   | 3850  |
| 145. vega baja                | 84    | 0.1   | 4.5   | 3934  |
| 147. vieques                  | 7     | 0.0   | 4.5   | 3941  |
| 149. villalba                 | 82    | 0.1   | 4.6   | 4023  |
| 151. yabucoa                  | 24    | 0.0   | 4.6   | 4047  |
| 153. yauco                    | 62    | 0.1   | 4.7   | 4109  |
| -1. missing or not applicable | 84164 | 95.3  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

#### bplace\_wls

#### state born (US-WLS)

|                  | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|------------------|-----------|---------|------------|------------|
| 0. International | 2         | 0.0     | 0.0        | 2          |
| 1. Alabama       | 2         | 0.0     | 0.0        | 4          |
| 2. Alaska        | 3         | 0.0     | 0.0        | 7          |
| 3. Arizona       | 4         | 0.0     | 0.0        | 11         |
| 4. Arkansas      | 3         | 0.0     | 0.0        | 14         |
| 5. California    | 8         | 0.0     | 0.0        | 22         |
| 6. Colorado      | 4         | 0.0     | 0.0        | 26         |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 7. Connecticut                | 3     | 0.0   | 0.0   | 29    |
| 9. District of Columbia       | 1     | 0.0   | 0.0   | 30    |
| 10. Florida                   | 2     | 0.0   | 0.0   | 32    |
| 11. Georgia                   | 1     | 0.0   | 0.0   | 33    |
| 14. Illinois                  | 210   | 0.2   | 0.3   | 243   |
| 15. Indiana                   | 25    | 0.0   | 0.3   | 268   |
| 16. Iowa                      | 35    | 0.0   | 0.3   | 303   |
| 17. Kansas                    | 1     | 0.0   | 0.3   | 304   |
| 18. Kentucky                  | 2     | 0.0   | 0.3   | 306   |
| 19. Louisiana                 | 1     | 0.0   | 0.3   | 307   |
| 21. Maryland                  | 1     | 0.0   | 0.3   | 308   |
| 22. Massachusetts             | 6     | 0.0   | 0.4   | 314   |
| 23. Michigan                  | 91    | 0.1   | 0.5   | 405   |
| 24. Minnesota                 | 84    | 0.1   | 0.6   | 489   |
| 25. Mississippi               | 6     | 0.0   | 0.6   | 495   |
| 26. Missouri                  | 10    | 0.0   | 0.6   | 505   |
| 27. Montana                   | 1     | 0.0   | 0.6   | 506   |
| 28. Nebraska                  | 5     | 0.0   | 0.6   | 511   |
| 29. Nevada                    | 1     | 0.0   | 0.6   | 512   |
| 31. New Jersey                | 5     | 0.0   | 0.6   | 517   |
| 32. New Mexico                | 1     | 0.0   | 0.6   | 518   |
| 33. New York                  | 19    | 0.0   | 0.6   | 537   |
| 34. North Carolina            | 2     | 0.0   | 0.6   | 539   |
| 35. North Dakota              | 6     | 0.0   | 0.6   | 545   |
| 36. Ohio                      | 28    | 0.0   | 0.6   | 573   |
| 37. Oklahoma                  | 1     | 0.0   | 0.7   | 574   |
| 38. Oregon                    | 4     | 0.0   | 0.7   | 578   |
| 39. Pennsylvania              | 9     | 0.0   | 0.7   | 587   |
| 41. South Carolina            | 2     | 0.0   | 0.7   | 589   |
| 42. South Dakota              | 6     | 0.0   | 0.7   | 595   |
| 43. Tennessee                 | 2     | 0.0   | 0.7   | 597   |
| 44. Texas                     | 7     | 0.0   | 0.7   | 604   |
| 46. Vermont                   | 1     | 0.0   | 0.7   | 605   |
| 48. Washington                | 3     | 0.0   | 0.7   | 608   |
| 49. West Virginia             | 3     | 0.0   | 0.7   | 611   |
| 50. Wisconsin                 | 6087  | 6.9   | 7.6   | 6698  |
| 51. Wyoming                   | 1     | 0.0   | 7.6   | 6699  |
| -1. missing or not applicable | 81574 | 92.4  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

#### ruralFIN

#### born in rural area (harmonized)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. urban                      | 34297     | 38.9    | 38.9       | 34297      |
| 1. rural                      | 46946     | 53.2    | 92.0       | 81243      |
| -1. missing or not applicable | 7030      | 8.0     | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

| <b>region</b>                 | principal crop produced - acres (Puerto Rico-PREHCO) |         |            |            |
|-------------------------------|--|---------|------------|------------|
|                               | Frequency  | Percent | Cum. Perc. | Cum. Freq. |
| 1. coffee                     | 832  | 0.9     | 0.9        | 832        |
| 2. sugar                      | 915  | 1.0     | 2.0        | 1747       |
| 3. tobacco                    | 545  | 0.6     | 2.6        | 2292       |
| 4. 2 of the above             | 405  | 0.5     | 3.1        | 2697       |
| 5. all other                  | 1412   | 1.6     | 4.7        | 4109       |
| -1. missing or not applicable | 84164  | 95.3    | 100.0      | 88273      |
| Total                         | 88273  | 100.0   |            |            |

| <b>birthmonth</b>             | birth month |         |            |            |
|-------------------------------|-------------|---------|------------|------------|
|                               | Frequency   | Percent | Cum. Perc. | Cum. Freq. |
| 1. January                    | 6013        | 6.8     | 6.8        | 6013       |
| 2. February                   | 5870        | 6.6     | 13.5       | 11883      |
| 3. March                      | 6639        | 7.5     | 21.0       | 18522      |
| 4. April                      | 5900        | 6.7     | 27.7       | 24422      |
| 5. May                        | 6193        | 7.0     | 34.7       | 30615      |
| 6. June                       | 6475        | 7.3     | 42.0       | 37090      |
| 7. July                       | 6076        | 6.9     | 48.9       | 43166      |
| 8. August                     | 6422        | 7.3     | 56.2       | 49588      |
| 9. September                  | 6226        | 7.1     | 63.2       | 55814      |
| 10. October                   | 6685        | 7.6     | 70.8       | 62499      |
| 11. November                  | 6121        | 6.9     | 77.7       | 68620      |
| 12. December                  | 6169        | 7.0     | 84.7       | 74789      |
| -1. missing or not applicable | 13484       | 15.3    | 100.0      | 88273      |
| Total                         | 88273       | 100.0   |            |            |

| <b>quarter</b>                | quarter of birth |         |            |            |
|-------------------------------|------------------|---------|------------|------------|
|                               | Frequency        | Percent | Cum. Perc. | Cum. Freq. |
| 1. winter                     | 18522            | 21.0    | 21.0       | 18522      |
| 2. spring                     | 18568            | 21.0    | 42.0       | 37090      |
| 3. summer                     | 18724            | 21.2    | 63.2       | 55814      |
| 4. fall                       | 18975            | 21.5    | 84.7       | 74789      |
| -1. missing or not applicable | 13484            | 15.3    | 100.0      | 88273      |
| Total                         | 88273            | 100.0   |            |            |

| <b>quarter1</b>               | 1st quarter |         |            |            |
|-------------------------------|-------------|---------|------------|------------|
|                               | Frequency   | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 56267       | 63.7    | 63.7       | 56267      |
| 1. yes                        | 18522       | 21.0    | 84.7       | 74789      |
| -1. missing or not applicable | 13484       | 15.3    | 100.0      | 88273      |
| Total                         | 88273       | 100.0   |            |            |

| <b>quarter2</b> | 2nd quarter |         |            |            |
|-----------------|-------------|---------|------------|------------|
|                 | Frequency   | Percent | Cum. Perc. | Cum. Freq. |
| 0. no           | 56221       | 63.7    | 63.7       | 56221      |
| 1. yes          | 18568       | 21.0    | 84.7       | 74789      |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| -1. missing or not applicable | 13484 | 15.3  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

### quarter3

### 3rd quarter

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. no                         | 56065     | 63.5    | 63.5       | 56065      |
| 1. yes                        | 18724     | 21.2    | 84.7       | 74789      |
| -1. missing or not applicable | 13484     | 15.3    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

### quarter4

### 4th quarter

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. no                         | 55814     | 63.2    | 63.2       | 55814      |
| 1. yes                        | 18975     | 21.5    | 84.7       | 74789      |
| -1. missing or not applicable | 13484     | 15.3    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

### birthyear

### birth year

| birth year | Frequency | Percent | Cum.Perc. | Cum. Freq. |
|------------|-----------|---------|-----------|------------|
| 1881       | 1         | 0.0     | 0.0       | 1          |
| 1884       | 1         | 0.0     | 0.0       | 2          |
| 1885       | 1         | 0.0     | 0.0       | 3          |
| 1886       | 2         | 0.0     | 0.0       | 5          |
| 1887       | 3         | 0.0     | 0.0       | 8          |
| 1888       | 5         | 0.0     | 0.0       | 13         |
| 1889       | 2         | 0.0     | 0.0       | 15         |
| 1890       | 8         | 0.0     | 0.0       | 23         |
| 1891       | 13        | 0.0     | 0.0       | 36         |
| 1892       | 19        | 0.0     | 0.1       | 55         |
| 1893       | 22        | 0.0     | 0.1       | 77         |
| 1894       | 38        | 0.0     | 0.1       | 115        |
| 1895       | 71        | 0.1     | 0.2       | 186        |
| 1896       | 122       | 0.1     | 0.3       | 308        |
| 1897       | 203       | 0.2     | 0.6       | 511        |
| 1898       | 317       | 0.4     | 0.9       | 828        |
| 1899       | 419       | 0.5     | 1.4       | 1247       |
| 1900       | 739       | 0.8     | 2.2       | 1986       |
| 1901       | 854       | 1.0     | 3.2       | 2840       |
| 1902       | 588       | 0.7     | 3.9       | 3428       |
| 1903       | 262       | 0.3     | 4.2       | 3690       |
| 1904       | 309       | 0.4     | 4.5       | 3999       |
| 1905       | 337       | 0.4     | 4.9       | 4336       |
| 1906       | 413       | 0.5     | 5.4       | 4749       |
| 1907       | 483       | 0.5     | 5.9       | 5232       |
| 1908       | 511       | 0.6     | 6.5       | 5743       |
| 1909       | 656       | 0.7     | 7.2       | 6399       |
| 1910       | 636       | 0.7     | 8.0       | 7035       |

|      |      |      |      |       |
|------|------|------|------|-------|
| 1911 | 586  | 0.7  | 8.6  | 7621  |
| 1912 | 664  | 0.8  | 9.4  | 8285  |
| 1913 | 627  | 0.7  | 10.1 | 8912  |
| 1914 | 694  | 0.8  | 10.9 | 9606  |
| 1915 | 727  | 0.8  | 11.7 | 10333 |
| 1916 | 778  | 0.9  | 12.6 | 11111 |
| 1917 | 959  | 1.1  | 13.7 | 12070 |
| 1918 | 910  | 1.0  | 14.7 | 12980 |
| 1919 | 1026 | 1.2  | 15.9 | 14006 |
| 1920 | 1125 | 1.3  | 17.1 | 15131 |
| 1921 | 943  | 1.1  | 18.2 | 16074 |
| 1922 | 1141 | 1.3  | 19.5 | 17215 |
| 1923 | 1099 | 1.2  | 20.7 | 18314 |
| 1924 | 1217 | 1.4  | 22.1 | 19531 |
| 1925 | 1226 | 1.4  | 23.5 | 20757 |
| 1926 | 1278 | 1.4  | 25.0 | 22035 |
| 1927 | 1502 | 1.7  | 26.7 | 23537 |
| 1928 | 1455 | 1.6  | 28.3 | 24992 |
| 1929 | 1583 | 1.8  | 30.1 | 26575 |
| 1930 | 1697 | 1.9  | 32.0 | 28272 |
| 1931 | 1637 | 1.9  | 33.9 | 29909 |
| 1932 | 1969 | 2.2  | 36.1 | 31878 |
| 1933 | 1921 | 2.2  | 38.3 | 33799 |
| 1934 | 1850 | 2.1  | 40.4 | 35649 |
| 1935 | 2119 | 2.4  | 42.8 | 37768 |
| 1936 | 2037 | 2.3  | 45.1 | 39805 |
| 1937 | 2508 | 2.8  | 47.9 | 42313 |
| 1938 | 3390 | 3.8  | 51.8 | 45703 |
| 1939 | 9416 | 10.7 | 62.4 | 55119 |
| 1940 | 1834 | 2.1  | 64.5 | 56953 |
| 1941 | 1260 | 1.4  | 65.9 | 58213 |
| 1942 | 1830 | 2.1  | 68.0 | 60043 |
| 1943 | 1099 | 1.2  | 69.3 | 61142 |
| 1944 | 1216 | 1.4  | 70.6 | 62358 |
| 1945 | 1178 | 1.3  | 72.0 | 63536 |
| 1946 | 1186 | 1.3  | 73.3 | 64722 |
| 1947 | 1938 | 2.2  | 75.5 | 66660 |
| 1948 | 1220 | 1.4  | 76.9 | 67880 |
| 1949 | 1663 | 1.9  | 78.8 | 69543 |
| 1950 | 1477 | 1.7  | 80.5 | 71020 |
| 1951 | 1611 | 1.8  | 82.3 | 72631 |
| 1952 | 2211 | 2.5  | 84.8 | 74842 |
| 1953 | 1821 | 2.1  | 86.8 | 76663 |
| 1954 | 1784 | 2.0  | 88.9 | 78447 |
| 1955 | 1791 | 2.0  | 90.9 | 80238 |
| 1956 | 1580 | 1.8  | 92.7 | 81818 |
| 1957 | 1876 | 2.1  | 94.8 | 83694 |
| 1958 | 665  | 0.8  | 95.6 | 84359 |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 1959                          | 483   | 0.5   | 96.1  | 84842 |
| 1960                          | 215   | 0.2   | 96.4  | 85057 |
| 1962                          | 1     | 0.0   | 96.4  | 85058 |
| 1964                          | 2     | 0.0   | 96.4  | 85060 |
| 1966                          | 1     | 0.0   | 96.4  | 85061 |
| 1967                          | 1     | 0.0   | 96.4  | 85062 |
| 1968                          | 1     | 0.0   | 96.4  | 85063 |
| 1971                          | 1     | 0.0   | 96.4  | 85064 |
| 1972                          | 2     | 0.0   | 96.4  | 85066 |
| 1973                          | 1     | 0.0   | 96.4  | 85067 |
| 1974                          | 1     | 0.0   | 96.4  | 85068 |
| 1975                          | 1     | 0.0   | 96.4  | 85069 |
| 1976                          | 1     | 0.0   | 96.4  | 85070 |
| 1978                          | 1     | 0.0   | 96.4  | 85071 |
| -1. missing or not applicable | 3202  | 3.6   | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

Note: A word of caution about birth year-- Birth year in some instances may not be accurate. Please read the technical report that accompanies the RELATE data for more information.

## EARLY LIFE CONDITIONS

### Childhood health

| <b>childhealth_cr</b>         | childhood health (Costa Rica-CRELES) |         |            |            |
|-------------------------------|--------------------------------------|---------|------------|------------|
|                               | Frequency                            | Percent | Cum. Perc. | Cum. Freq. |
| 1. excellent                  | 620                                  | 0.7     | 0.7        | 620        |
| 2. very good                  | 647                                  | 0.7     | 1.4        | 1267       |
| 3. good                       | 662                                  | 0.7     | 2.2        | 1929       |
| 4. poor                       | 176                                  | 0.2     | 2.4        | 2105       |
| -1. missing or not applicable | 86168                                | 97.6    | 100.0      | 88273      |
| Total                         | 88273                                | 100.0   |            |            |

| <b>childhealth_pr</b>         | childhood health (Puerto Rico-PREHCO) |         |            |            |
|-------------------------------|---------------------------------------|---------|------------|------------|
|                               | Frequency                             | Percent | Cum. Perc. | Cum. Freq. |
| 1. excellent                  | 1048                                  | 1.2     | 1.2        | 1048       |
| 2. very good                  | 513                                   | 0.6     | 1.8        | 1561       |
| 3. good                       | 1350                                  | 1.5     | 3.3        | 2911       |
| 4. fair                       | 622                                   | 0.7     | 4.0        | 3533       |
| 5. poor                       | 160                                   | 0.2     | 4.2        | 3693       |
| -1. missing or not applicable | 84580                                 | 95.8    | 100.0      | 88273      |
| Total                         | 88273                                 | 100.0   |            |            |

| <b>childhealth_sabe</b>       | childhood health (SABE) |         |            |            |
|-------------------------------|-------------------------|---------|------------|------------|
|                               | Frequency               | Percent | Cum. Perc. | Cum. Freq. |
| 1. excellent                  | 4673                    | 5.3     | 5.3        | 4673       |
| 2. good                       | 5392                    | 6.1     | 11.4       | 10065      |
| 3. bad                        | 453                     | 0.5     | 11.9       | 10518      |
| -1. missing or not applicable | 77755                   | 88.1    | 100.0      | 88273      |
| Total                         | 88273                   | 100.0   |            |            |

| <b>childhealth_wls</b>        | childhood health (US-WLS) |         |            |            |
|-------------------------------|---------------------------|---------|------------|------------|
|                               | Frequency                 | Percent | Cum. Perc. | Cum. Freq. |
| 1. poor                       | 29                        | 0.0     | 0.0        | 29         |
| 2. fair                       | 216                       | 0.2     | 0.3        | 245        |
| 3. good                       | 915                       | 1.0     | 1.3        | 1160       |
| 4. very good                  | 2355                      | 2.7     | 4.0        | 3515       |
| 5. excellent                  | 3305                      | 3.7     | 7.7        | 6820       |
| -1. missing or not applicable | 81453                     | 92.3    | 100.0      | 88273      |
| Total                         | 88273                     | 100.0   |            |            |

| <b>poorhealth</b>             | poor childhood health (harmonized) |         |            |            |
|-------------------------------|------------------------------------|---------|------------|------------|
|                               | Frequency                          | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 21480                              | 24.3    | 24.3       | 21480      |
| 1. yes                        | 1656                               | 1.9     | 26.2       | 23136      |
| -1. missing or not applicable | 65137                              | 73.8    | 100.0      | 88273      |
| Total                         | 88273                              | 100.0   |            |            |

| <b>rheumatic</b>              | rheumatic fever (Puerto Rico-PREHCO) |         |            |            |
|-------------------------------|--------------------------------------|---------|------------|------------|
|                               | Frequency                            | Percent | Cum. Perc. | Cum. Freq. |
| 1. yes                        | 88                                   | 0.1     | 0.1        | 88         |
| 2. no                         | 3588                                 | 4.1     | 4.2        | 3676       |
| -1. missing or not applicable | 84597                                | 95.8    | 100.0      | 88273      |
| Total                         | 88273                                | 100.0   |            |            |

Note: Additional childhood illnesses appear in the country specific data files

| <b>malaria</b>                | malaria as a child (Costa Rica-CRELES) |         |            |            |
|-------------------------------|--|---------|------------|------------|
|                               | Frequency                              | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 1829                                   | 2.1     | 2.1        | 1829       |
| 1. yes                        | 279                                    | 0.3     | 2.4        | 2108       |
| -1. missing or not applicable | 86165                                  | 97.6    | 100.0      | 88273      |
| Total                         | 88273                                  | 100.0   |            |            |

| <b>tb</b>                     | tuberculosis as a child |         |            |            |
|-------------------------------|-------------------------|---------|------------|------------|
|                               | Frequency               | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 14417                   | 16.3    | 16.3       | 14417      |
| 1. yes                        | 1637                    | 1.9     | 18.2       | 16054      |
| -1. missing or not applicable | 72219                   | 81.8    | 100.0      | 88273      |
| Total                         | 88273                   | 100.0   |            |            |

| <b>asthma</b>                 | asthma as a child |         |            |            |
|-------------------------------|-------------------|---------|------------|------------|
|                               | Frequency         | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 33883             | 38.4    | 38.4       | 33883      |
| 1. yes                        | 1515              | 1.7     | 40.1       | 35398      |
| -1. missing or not applicable | 52875             | 59.9    | 100.0      | 88273      |
| Total                         | 88273             | 100.0   |            |            |



| <b>riskdiab</b>               | family member with diabetes (Puerto Rico-PREHCO) |         |            |            |
|-------------------------------|--|---------|------------|------------|
|                               | Frequency  | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 2018   | 2.3     | 2.3        | 2018       |
| 1. yes                        | 2123   | 2.4     | 4.7        | 4141       |
| -1. missing or not applicable | 84132  | 95.3    | 100.0      | 88273      |
| Total                         | 88273  | 100.0   |            |            |

| <b>hunger</b>                 | experienced hunger as a child |         |            |            |
|-------------------------------|-------------------------------|---------|------------|------------|
|                               | Frequency                     | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 13960                         | 15.8    | 15.8       | 13960      |
| 1. yes                        | 12029                         | 13.6    | 29.4       | 25989      |
| -1. missing or not applicable | 62284                         | 70.6    | 100.0      | 88273      |
| Total                         | 88273                         | 100.0   |            |            |

| <b>mothereduc_gen</b>         | mother's education; all other relevant countries |         |            |            |
|-------------------------------|--|---------|------------|------------|
|                               | Frequency  | Percent | Cum. Perc. | Cum. Freq. |
| 1. no school                  | 26530  | 30.1    | 30.1       | 26530      |
| 2. primary                    | 6968   | 7.9     | 37.9       | 33498      |
| 3. secondary                  | 2568   | 2.9     | 40.9       | 36066      |
| 4. secondary+                 | 352  | 0.4     | 41.3       | 36418      |
| -1. missing or not applicable | 51855  | 58.7    | 100.0      | 88273      |
| Total                         | 88273  | 100.0   |            |            |

Note: mothereduc\_gen includes Costa Rica-CRELES, Puerto Rico-PREHCO and WHO/SAGE countries

| <b>mothereduc_wls</b>               | mother's education (US-WLS) |         |            |            |
|-------------------------------------|-----------------------------|---------|------------|------------|
|                                     | Frequency                   | Percent | Cum. Perc. | Cum. Freq. |
| 2. no high school                   | 2956                        | 3.3     | 3.3        | 2956       |
| 3. high school or bus./trade school | 5269                        | 6.0     | 9.3        | 8225       |
| 4. higher education                 | 1381                        | 1.6     | 10.9       | 9606       |
| -1. missing or not applicable       | 78667                       | 89.1    | 100.0      | 88273      |
| Total                               | 88273                       | 100.0   |            |            |

| <b>motheroccup_sage</b>       | mother's occupation (WHO/SAGE) |         |            |            |
|-------------------------------|--------------------------------|---------|------------|------------|
|                               | Frequency                      | Percent | Cum. Perc. | Cum. Freq. |
| 1. public sector              | 4675                           | 5.3     | 5.3        | 4675       |
| 2. private sector             | 1124                           | 1.3     | 6.6        | 5799       |
| 3. self-employed              | 10508                          | 11.9    | 18.5       | 16307      |
| 4. informal employment        | 2426                           | 2.7     | 21.2       | 18733      |
| 5. never employed             | 14066                          | 15.9    | 37.2       | 32799      |
| -1. missing or not applicable | 55474                          | 62.8    | 100.0      | 88273      |
| Total                         | 88273                          | 100.0   |            |            |

| <b>IMR_pr</b> | municipality-specific IMR at birth (Puerto Rico-PREHCO) |       |       |           |      |         |
|---------------|---|-------|-------|-----------|------|---------|
|               | Mean  | Min   | Max   | Std. Dev. | N    | Missing |
|               | 131   | 13.2  | 332.6 | 38        | 2685 | 85588   |
|               | 25%Q1   | 102.3 |       |           |      |         |
|               | 50%Median   | 133.3 |       |           |      |         |
|               | 75%Q3   | 152.5 |       |           |      |         |

| <b>IMR</b> | country-specific IMR in the 1930s |       |       |           |       |         |
|------------|-----------------------------------|-------|-------|-----------|-------|---------|
|            | Mean                              | Min   | Max   | Std. Dev. | N     | Missing |
|            | 219                               | 60.0  | 300.0 | 87        | 83762 | 4511    |
|            | 25%Q1                             | 144.0 |       |           |       |         |
|            | 50%Median                         | 240.0 |       |           |       |         |
|            | 75%Q3                             | 300.0 |       |           |       |         |

## EARLY LIFE CONDITIONS

### Childhood nutrition

| <b>height</b> | measured height (cm) |       |       |           |       |         |
|---------------|----------------------|-------|-------|-----------|-------|---------|
|               | Mean                 | Min   | Max   | Std. Dev. | N     | Missing |
|               | 160                  | 80.0  | 259.1 | 11        | 58717 | 29556   |
|               | 25%Q1                | 153.0 |       |           |       |         |
|               | 50%Median            | 160.0 |       |           |       |         |
|               | 75%Q3                | 167.0 |       |           |       |         |

| <b>height25NEW</b>            | lowest quartile of height |         |            |            |
|-------------------------------|---------------------------|---------|------------|------------|
|                               | Frequency                 | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 44006                     | 49.9    | 49.9       | 44006      |
| 1. yes                        | 14711                     | 16.7    | 66.5       | 58717      |
| -1. missing or not applicable | 29556                     | 33.5    | 100.0      | 88273      |
| Total                         | 88273                     | 100.0   |            |            |

| <b>knee</b> | measured knee (cm) (China-CLHLS, Costa Rica-CRELES, Puerto Rico-PREHCO, SABE) |      |       |           |       |         |
|-------------|---|------|-------|-----------|-------|---------|
|             | Mean  | Min  | Max   | Std. Dev. | N     | Missing |
|             | 47  | 14.0 | 100.0 | 5         | 31144 | 57129   |
|             | 25%Q1   | 44.0 |       |           |       |         |
|             | 50%Median   | 47.7 |       |           |       |         |
|             | 75%Q3   | 50.8 |       |           |       |         |

| <b>knee25NEW</b>              | lowest quartile of knee height |         |            |            |
|-------------------------------|--------------------------------|---------|------------|------------|
|                               | Frequency                      | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 23681                          | 26.8    | 26.8       | 23681      |
| 1. yes                        | 7463                           | 8.5     | 35.3       | 31144      |
| -1. missing or not applicable | 57129                          | 64.7    | 100.0      | 88273      |
| Total                         | 88273                          | 100.0   |            |            |

| <b>stunt</b>                  | stunting, defined according to NHANES |         |            |            |
|-------------------------------|---------------------------------------|---------|------------|------------|
|                               | Frequency                             | Percent | Cum. Perc. | Cum. Freq. |
| 0. not stunted                | 55649                                 | 63.0    | 63.0       | 55649      |
| 1. stunted                    | 3065                                  | 3.5     | 66.5       | 58714      |
| -1. missing or not applicable | 29559                                 | 33.5    | 100.0      | 88273      |
| Total                         | 88273                                 | 100.0   |            |            |

## EARLY LIFE CONDITIONS

### Childhood socioeconomic status

| <b>poorcecon</b>              | poor childhood social economic standing (harmonized) |         |            |            |
|-------------------------------|--|---------|------------|------------|
|                               | Frequency  | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 4984   | 5.6     | 5.6        | 4984       |
| 1. yes                        | 11314  | 12.8    | 18.5       | 16298      |
| -1. missing or not applicable | 71975  | 81.5    | 100.0      | 88273      |
| Total                         | 88273  | 100.0   |            |            |

| <b>fathereduc_gen</b>         | father's education; all other relevant countries |         |            |            |
|-------------------------------|--|---------|------------|------------|
|                               | Frequency  | Percent | Cum. Perc. | Cum. Freq. |
| 1. no school                  | 19833  | 22.5    | 22.5       | 19833      |
| 2. primary                    | 8300   | 9.4     | 31.9       | 28133      |
| 3. secondary                  | 4156   | 4.7     | 36.6       | 32289      |
| 4. secondary+                 | 704  | 0.8     | 37.4       | 32993      |
| -1. missing or not applicable | 55280  | 62.6    | 100.0      | 88273      |
| Total                         | 88273  | 100.0   |            |            |

Note: fathereduc\_gen includes Puerto Rico-PREHCO and WHO/SAGE countries

| <b>fathereduc_wls</b>              | father's education (US-WLS) |         |            |            |
|------------------------------------|-----------------------------|---------|------------|------------|
|                                    | Frequency                   | Percent | Cum. Perc. | Cum. Freq. |
| 2. no high school                  | 3701                        | 4.2     | 4.2        | 3701       |
| 3. high school or bus/trade school | 4355                        | 4.9     | 9.1        | 8056       |
| 4. higher education                | 1432                        | 1.6     | 10.7       | 9488       |
| -1. missing or not applicable      | 78785                       | 89.3    | 100.0      | 88273      |
| Total                              | 88273                       | 100.0   |            |            |

| <b>fatheroccup_gen</b>  | father's occupation; all other relevant countries |         |            |            |
|-------------------------|---|---------|------------|------------|
|                         | Frequency   | Percent | Cum. Perc. | Cum. Freq. |
| 1. agricultural worker  | 15786   | 17.9    | 17.9       | 15786      |
| 2. urban service worker | 8458  | 9.6     | 27.5       | 24244      |
| 3. professional         | 4086  | 4.6     | 32.1       | 28330      |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 4. all other                  | 1413  | 1.6   | 33.7  | 29743 |
| -1. missing or not applicable | 58530 | 66.3  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

Note: fatheroccup\_gen includes China-CLHLS, Puerto Rico-PREHCO and US-WLS

| fatheroccup_sage              | father's occupation (WHO/SAGE) |         |            |            |
|-------------------------------|--------------------------------|---------|------------|------------|
|                               | Frequency                      | Percent | Cum. Perc. | Cum. Freq. |
| 1. public sector              | 7594                           | 8.6     | 8.6        | 7594       |
| 2. private sector             | 2598                           | 2.9     | 11.5       | 10192      |
| 3. self-employed              | 13745                          | 15.6    | 27.1       | 23937      |
| 4. informal employment        | 3237                           | 3.7     | 30.8       | 27174      |
| 5. never employed             | 5291                           | 6.0     | 36.8       | 32465      |
| -1. missing or not applicable | 55808                          | 63.2    | 100.0      | 88273      |
| Total                         | 88273                          | 100.0   |            |            |

## ADULT LIFESTYLE

### Adult smoking

| smoke                         | smoke (harmonized) |         |            |            |
|-------------------------------|--------------------|---------|------------|------------|
|                               | Frequency          | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 48732              | 55.2    | 55.2       | 48732      |
| 1. yes                        | 30295              | 34.3    | 89.5       | 79027      |
| -1. missing or not applicable | 9246               | 10.5    | 100.0      | 88273      |
| Total                         | 88273              | 100.0   |            |            |

| smoke_gen                     | smoke; all other relevant countries |         |            |            |
|-------------------------------|-------------------------------------|---------|------------|------------|
|                               | Frequency                           | Percent | Cum. Perc. | Cum. Freq. |
| 0. never smoked               | 44310                               | 50.2    | 50.2       | 44310      |
| 1. past smoker                | 11277                               | 12.8    | 63.0       | 55587      |
| 2. currently smokes           | 16345                               | 18.5    | 81.5       | 71932      |
| -1. missing or not applicable | 16341                               | 18.5    | 100.0      | 88273      |
| Total                         | 88273                               | 100.0   |            |            |

Note: smoke\_gen included all countries except Costa Rica-CRELES and Puerto Rico-PREHCO

| smoke_100                     | smoke; more than 100 cigarettes |         |            |            |
|-------------------------------|---------------------------------|---------|------------|------------|
|                               | Frequency                       | Percent | Cum. Perc. | Cum. Freq. |
| 0. never smoked > 100 cigs.   | 4422                            | 5.0     | 5.0        | 4422       |
| 1. past smoker                | 2115                            | 2.4     | 7.4        | 6537       |
| 2. currently smokes           | 558                             | 0.6     | 8.0        | 7095       |
| -1. missing or not applicable | 81178                           | 92.0    | 100.0      | 88273      |
| Total                         | 88273                           | 100.0   |            |            |

Note: smoke\_100 includes Costa Rica-CRELES and Puerto Rico-PREHCO

**ADULT LIFESTYLE****Adult exercise**

| <b>exercise</b>               | <b>exercise (harmonized)</b> |                |                   |                   |
|-------------------------------|------------------------------|----------------|-------------------|-------------------|
|                               | <u>Frequency</u>             | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 54881                        | 62.2           | 62.2              | 54881             |
| 1. yes                        | 23420                        | 26.5           | 88.7              | 78301             |
| -1. missing or not applicable | 9972                         | 11.3           | 100.0             | 88273             |
| Total                         | 88273                        | 100.0          |                   |                   |

| <b>exercise_gen</b>             | <b>general exercise question</b> |                |                   |                   |
|---------------------------------|----------------------------------|----------------|-------------------|-------------------|
|                                 | <u>Frequency</u>                 | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. does not exercise            | 9138                             | 10.4           | 10.4              | 9138              |
| 1. exercise in past but not now | 1814                             | 2.1            | 12.4              | 10952             |
| 2. present exercise             | 5056                             | 5.7            | 18.1              | 16008             |
| -1. missing or not applicable   | 72265                            | 81.9           | 100.0             | 88273             |
| Total                           | 88273                            | 100.0          |                   |                   |

Note: exercise\_gen includes China-CLHLS

| <b>exercise_rigor</b>         | <b>rigorous exercise</b> |                |                   |                   |
|-------------------------------|--------------------------|----------------|-------------------|-------------------|
|                               | <u>Frequency</u>         | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no vigorous exercise       | 39845                    | 45.1           | 45.1              | 39845             |
| 1. vigorous exercise          | 15603                    | 17.7           | 62.8              | 55448             |
| -1. missing or not applicable | 32825                    | 37.2           | 100.0             | 88273             |
| Total                         | 88273                    | 100.0          |                   |                   |

Note: exercise\_rigor includes all countries except China-CLHLS and US-WLS

| <b>exercise_wls</b>              | <b>exercise (US-WLS)</b> |                |                   |                   |
|----------------------------------|--------------------------|----------------|-------------------|-------------------|
|                                  | <u>Frequency</u>         | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. below avg - vigorous exercise | 5898                     | 6.7            | 6.7               | 5898              |
| 2. above avg - vigorous exercise | 947                      | 1.1            | 7.8               | 6845              |
| -1. missing or not applicable    | 81428                    | 92.2           | 100.0             | 88273             |
| Total                            | 88273                    | 100.0          |                   |                   |

**ADULT LIFESTYLE****Adult alcohol consumption**

| <b>drink</b>                  | <b>drink (harmonized)</b> |                |                   |                   |
|-------------------------------|---------------------------|----------------|-------------------|-------------------|
|                               | <u>Frequency</u>          | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 48863                     | 55.4           | 55.4              | 48863             |
| 1. yes                        | 29732                     | 33.7           | 89.0              | 78595             |
| -1. missing or not applicable | 9678                      | 11.0           | 100.0             | 88273             |
| Total                         | 88273                     | 100.0          |                   |                   |

**ADULT LIFESTYLE****Health care utilization**

| <b>healthuse</b>                    | contact with a medical professional |         |           |            |
|-------------------------------------|-------------------------------------|---------|-----------|------------|
| contact with a medical professional | Frequency                           | Percent | Cum.Perc. | Cum. Freq. |
| 0. no                               | 14786                               | 16.8    | 16.8      | 14786      |
| 1. yes,within 12 mos                | 53729                               | 60.9    | 77.6      | 68515      |
| -1. missing or not applicable       | 19758                               | 22.4    | 100.0     | 88273      |
| Total                               | 88273                               | 100.0   |           |            |

**ADULT HEALTH OUTCOMES****Self-reported health**

| <b>health_gen</b>             | self-reported health; all other relevant countries |         |            |            |
|-------------------------------|--|---------|------------|------------|
|                               | Frequency  | Percent | Cum. Perc. | Cum. Freq. |
| 1. excellent                  | 2627   | 3.0     | 3.0        | 2627       |
| 2. very good                  | 4241   | 4.8     | 7.8        | 6868       |
| 3. good                       | 7445   | 8.4     | 16.2       | 14313      |
| 4. fair                       | 8166   | 9.3     | 25.5       | 22479      |
| 5. poor                       | 2129   | 2.4     | 27.9       | 24608      |
| -1. missing or not applicable | 63665  | 72.1    | 100.0      | 88273      |
| Total                         | 88273  | 100.0   |            |            |

Note: health\_gen includes Costa Rica-CRELES, Puerto Rico-PREHCO, US-WLS and SABE countries

| <b>health_chns</b>            | self-reported health (China-CHNS) |         |            |            |
|-------------------------------|-----------------------------------|---------|------------|------------|
|                               | Frequency                         | Percent | Cum. Perc. | Cum. Freq. |
| 1. excellent                  | 551                               | 0.6     | 0.6        | 551        |
| 2. good                       | 2527                              | 2.9     | 3.5        | 3078       |
| 3. fair                       | 2032                              | 2.3     | 5.8        | 5110       |
| 4. poor                       | 459                               | 0.5     | 6.3        | 5569       |
| -1. missing or not applicable | 82704                             | 93.7    | 100.0      | 88273      |
| Total                         | 88273                             | 100.0   |            |            |

| <b>health_clhls</b>           | self-reported health (China-CLHLS) |         |            |            |
|-------------------------------|------------------------------------|---------|------------|------------|
|                               | Frequency                          | Percent | Cum. Perc. | Cum. Freq. |
| 1. very good                  | 1556                               | 1.8     | 1.8        | 1556       |
| 2. good                       | 5498                               | 6.2     | 8.0        | 7054       |
| 3. so-so                      | 5212                               | 5.9     | 13.9       | 12266      |
| 4. bad                        | 2274                               | 2.6     | 16.5       | 14540      |
| 5. very bad                   | 213                                | 0.2     | 16.7       | 14753      |
| -1. missing or not applicable | 73520                              | 83.3    | 100.0      | 88273      |
| Total                         | 88273                              | 100.0   |            |            |

| <b>health_sage</b> | self-reported health (WHO/SAGE) |         |            |            |
|--------------------|---------------------------------|---------|------------|------------|
|                    | Frequency                       | Percent | Cum. Perc. | Cum. Freq. |
| 1. very good       | 967                             | 1.1     | 1.1        | 967        |
| 2. good            | 9680                            | 11.0    | 12.1       | 10647      |

|                               |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|
| 3. moderate                   | 16127 | 18.3  | 30.3  | 26774 |
| 4. bad                        | 6081  | 6.9   | 37.2  | 32855 |
| 5. very bad                   | 642   | 0.7   | 37.9  | 33497 |
| 8. don't know                 | 1     | 0.0   | 37.9  | 33498 |
| -1. missing or not applicable | 54775 | 62.1  | 100.0 | 88273 |
| Total                         | 88273 | 100.0 |       |       |

#### **poorhealth**

poor self-reported health (harmonized)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. no                         | 56431     | 63.9    | 63.9       | 56431      |
| 1. yes                        | 21996     | 24.9    | 88.8       | 78427      |
| -1. missing or not applicable | 9846      | 11.2    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

#### **goodhealth**

composite measure of good health (harmonized)

| Mean      | Min   | Max   | Std. Dev. | N     | Missing |
|-----------|-------|-------|-----------|-------|---------|
| 75        | 0.0   | 100.0 | 26        | 69863 | 18410   |
| 25%Q1     | 50.0  |       |           |       |         |
| 50%Median | 83.3  |       |           |       |         |
| 75%Q3     | 100.0 |       |           |       |         |

#### **goodhealth2**

composite measure of good health (version 2) (harmonized)

| Mean      | Min   | Max   | Std. Dev. | N     | Missing |
|-----------|-------|-------|-----------|-------|---------|
| 78        | 0.0   | 100.0 | 22        | 71632 | 16641   |
| 25%Q1     | 62.5  |       |           |       |         |
| 50%Median | 83.3  |       |           |       |         |
| 75%Q3     | 100.0 |       |           |       |         |

#### **goodhealth3**

composite measure of good health (version 3) (harmonized)

| Mean      | Min   | Max   | Std. Dev. | N     | Missing |
|-----------|-------|-------|-----------|-------|---------|
| 77        | 0.0   | 100.0 | 27        | 71674 | 16599   |
| 25%Q1     | 50.0  |       |           |       |         |
| 50%Median | 75.0  |       |           |       |         |
| 75%Q3     | 100.0 |       |           |       |         |

### **ADULT HEALTH OUTCOMES**

#### **Functionality/disability**

#### **NadlGT0**

at least 1 ADL (country specific)

|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
|-------------------------------|-----------|---------|------------|------------|
| 0. no                         | 53629     | 60.8    | 60.8       | 53629      |
| 1. yes                        | 14824     | 16.8    | 77.5       | 68453      |
| -1. missing or not applicable | 19820     | 22.5    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

| <b>NadlGT0_alt</b>            | at least 1 ADL using alt measure (country specific) |         |            |            |
|-------------------------------|---|---------|------------|------------|
|                               | Frequency   | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 28113   | 31.8    | 31.8       | 28113      |
| 1. yes                        | 41257   | 46.7    | 78.6       | 69370      |
| -1. missing or not applicable | 18903   | 21.4    | 100.0      | 88273      |
| Total                         | 88273   | 100.0   |            |            |

| <b>NiadlGT0</b>               | at least 1 IADL (country specific) |         |            |            |
|-------------------------------|------------------------------------|---------|------------|------------|
|                               | Frequency                          | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 41185                              | 46.7    | 46.7       | 41185      |
| 1. yes                        | 25669                              | 29.1    | 75.7       | 66854      |
| -1. missing or not applicable | 21419                              | 24.3    | 100.0      | 88273      |
| Total                         | 88273                              | 100.0   |            |            |

| <b>NadlGT0harm</b>            | at least one ADL (harmonized) |         |            |            |
|-------------------------------|-------------------------------|---------|------------|------------|
|                               | Frequency                     | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 55711                         | 63.1    | 63.1       | 55711      |
| 1. yes                        | 12978                         | 14.7    | 77.8       | 68689      |
| -1. missing or not applicable | 19584                         | 22.2    | 100.0      | 88273      |
| Total                         | 88273                         | 100.0   |            |            |

| <b>bath</b>                   | ADLs - difficulty with bathing |         |            |            |
|-------------------------------|--------------------------------|---------|------------|------------|
|                               | Frequency                      | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 60848                          | 68.9    | 68.9       | 60848      |
| 1. yes                        | 8078                           | 9.2     | 78.1       | 68926      |
| -1. missing or not applicable | 19347                          | 21.9    | 100.0      | 88273      |
| Total                         | 88273                          | 100.0   |            |            |

| <b>dress</b>                  | ADLs - difficulty with dressing |         |            |            |
|-------------------------------|---------------------------------|---------|------------|------------|
|                               | Frequency                       | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 63279                           | 71.7    | 71.7       | 63279      |
| 1. yes                        | 5705                            | 6.5     | 78.1       | 68984      |
| -1. missing or not applicable | 19289                           | 21.9    | 100.0      | 88273      |
| Total                         | 88273                           | 100.0   |            |            |

| <b>toilet</b>                 | ADLs - difficulty with using the toilet |         |            |            |
|-------------------------------|---|---------|------------|------------|
|                               | Frequency                               | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 63497                                   | 71.9    | 71.9       | 63497      |
| 1. yes                        | 5479                                    | 6.2     | 78.1       | 68976      |
| -1. missing or not applicable | 19297                                   | 21.9    | 100.0      | 88273      |
| Total                         | 88273                                   | 100.0   |            |            |



|                               |  |                |                   |                   |
|-------------------------------|--|----------------|-------------------|-------------------|
| <b>transfer</b>               | ADLs - difficulty with transfers             |                |                   |                   |
|                               | <u>Frequency</u>                             | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 61703  | 69.9           | 69.9              | 61703             |
| 1. yes                        | 7302   | 8.3            | 78.2              | 69005             |
| -1. missing or not applicable | 19268  | 21.8           | 100.0             | 88273             |
| Total                         | 88273  | 100.0          |                   |                   |
| <b>heavy</b>                  | ADLs - difficulty with lifting heavy objects |                |                   |                   |
|                               | <u>Frequency</u>                             | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 22565  | 25.6           | 25.6              | 22565             |
| 1. yes                        | 13208  | 15.0           | 40.5              | 35773             |
| -1. missing or not applicable | 52500  | 59.5           | 100.0             | 88273             |
| Total                         | 88273  | 100.0          |                   |                   |
| <b>bow</b>                    | ADLs - difficulty with stooping              |                |                   |                   |
|                               | <u>Frequency</u>                             | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 36528  | 41.4           | 41.4              | 36528             |
| 1. yes                        | 16517  | 18.7           | 60.1              | 53045             |
| -1. missing or not applicable | 35228  | 39.9           | 100.0             | 88273             |
| Total                         | 88273  | 100.0          |                   |                   |
| <b>shopping</b>               | IADLs - difficulty with shopping             |                |                   |                   |
|                               | <u>Frequency</u>                             | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 25881  | 29.3           | 29.3              | 25881             |
| 1. yes                        | 9678   | 11.0           | 40.3              | 35559             |
| -1. missing or not applicable | 52714  | 59.7           | 100.0             | 88273             |
| Total                         | 88273  | 100.0          |                   |                   |
| <b>meals</b>                  | IADLs - difficulty preparing meals           |                |                   |                   |
|                               | <u>Frequency</u>                             | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 27029  | 30.6           | 30.6              | 27029             |
| 1. yes                        | 8520   | 9.7            | 40.3              | 35549             |
| -1. missing or not applicable | 52724  | 59.7           | 100.0             | 88273             |
| Total                         | 88273  | 100.0          |                   |                   |
| <b>push</b>                   | IADLs - difficulty pushing                   |                |                   |                   |
|                               | <u>Frequency</u>                             | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 15377  | 17.4           | 17.4              | 15377             |
| 1. yes                        | 4773   | 5.4            | 22.8              | 20150             |
| -1. missing or not applicable | 68123  | 77.2           | 100.0             | 88273             |
| Total                         | 88273  | 100.0          |                   |                   |

**ADULT HEALTH OUTCOMES****Chronic conditions**

|                               |   |                |                   |                   |
|-------------------------------|---|----------------|-------------------|-------------------|
| <b>hypertension</b>           | hypertension (harmonized)                                     |                |                   |                   |
|                               | <u>Frequency</u>  | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 48397   | 54.8           | 54.8              | 48397             |
| 1. yes                        | 25770   | 29.2           | 84.0              | 74167             |
| -1. missing or not applicable | 14106   | 16.0           | 100.0             | 88273             |
| Total                         | 88273   | 100.0          |                   |                   |
| <b>cancer</b>                 | cancer (harmonized)   |                |                   |                   |
|                               | <u>Frequency</u>  | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 37908   | 42.9           | 42.9              | 37908             |
| 1. yes                        | 3056  | 3.5            | 46.4              | 40964             |
| -1. missing or not applicable | 47309   | 53.6           | 100.0             | 88273             |
| Total                         | 88273   | 100.0          |                   |                   |
| <b>respiratory</b>            | pulmonary disease (harmonized)                                |                |                   |                   |
|                               | <u>Frequency</u>  | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 65622   | 74.3           | 74.3              | 65622             |
| 1. yes                        | 8071  | 9.1            | 83.5              | 73693             |
| -1. missing or not applicable | 14580   | 16.5           | 100.0             | 88273             |
| Total                         | 88273   | 100.0          |                   |                   |
| <b>heart</b>                  | heart disease (harmonized)                                    |                |                   |                   |
|                               | <u>Frequency</u>  | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 62424   | 70.7           | 70.7              | 62424             |
| 1. yes                        | 12122   | 13.7           | 84.4              | 74546             |
| -1. missing or not applicable | 13727   | 15.6           | 100.0             | 88273             |
| Total                         | 88273   | 100.0          |                   |                   |
| <b>angina</b>                 | heart disease as defined by the Rose Questionnaire (WHO/SAGE) |                |                   |                   |
|                               | <u>Frequency</u>  | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 23285   | 26.4           | 26.4              | 23285             |
| 1. yes                        | 4709  | 5.3            | 31.7              | 27994             |
| -1. missing or not applicable | 60279   | 68.3           | 100.0             | 88273             |
| Total                         | 88273   | 100.0          |                   |                   |
| <b>heart_attack</b>           | heart attack (Costa Rica-CRELES; Puerto Rico-PREHCO)          |                |                   |                   |
|                               | <u>Frequency</u>  | <u>Percent</u> | <u>Cum. Perc.</u> | <u>Cum. Freq.</u> |
| 0. no                         | 6443  | 7.3            | 7.3               | 6443              |
| 1. yes                        | 640   | 0.7            | 8.0               | 7083              |
| -1. missing or not applicable | 81190   | 92.0           | 100.0             | 88273             |
| Total                         | 88273   | 100.0          |                   |                   |

| <b>diabetes</b>               | diabetes (harmonized) |         |            |            |
|-------------------------------|-----------------------|---------|------------|------------|
|                               | Frequency             | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 70502                 | 79.9    | 79.9       | 70502      |
| 1. yes                        | 9179                  | 10.4    | 90.3       | 79681      |
| -1. missing or not applicable | 8592                  | 9.7     | 100.0      | 88273      |
| Total                         | 88273                 | 100.0   |            |            |

| <b>stroke</b>                 | stroke (harmonized) |         |            |            |
|-------------------------------|---------------------|---------|------------|------------|
|                               | Frequency           | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 74922               | 84.9    | 84.9       | 74922      |
| 1. yes                        | 4900                | 5.6     | 90.4       | 79822      |
| -1. missing or not applicable | 8451                | 9.6     | 100.0      | 88273      |
| Total                         | 88273               | 100.0   |            |            |

| <b>arthritis</b>              | arthritis (harmonized) |         |            |            |
|-------------------------------|------------------------|---------|------------|------------|
|                               | Frequency              | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 54066                  | 61.2    | 61.2       | 54066      |
| 1. yes                        | 20172                  | 22.9    | 84.1       | 74238      |
| -1. missing or not applicable | 14035                  | 15.9    | 100.0      | 88273      |
| Total                         | 88273                  | 100.0   |            |            |

| <b>Nchronic</b>               | number of chronic conditions |         |            |            |
|-------------------------------|------------------------------|---------|------------|------------|
|                               | Frequency                    | Percent | Cum. Perc. | Cum. Freq. |
| 0                             | 35694                        | 40.4    | 40.4       | 35694      |
| 1                             | 21414                        | 24.3    | 64.7       | 57108      |
| 2                             | 9647                         | 10.9    | 75.6       | 66755      |
| 3                             | 3466                         | 3.9     | 79.5       | 70221      |
| 4                             | 973                          | 1.1     | 80.7       | 71194      |
| 5                             | 318                          | 0.4     | 81.0       | 71512      |
| 6                             | 1161                         | 1.3     | 82.3       | 72673      |
| -1. missing or not applicable | 15600                        | 17.7    | 100.0      | 88273      |
| Total                         | 88273                        | 100.0   |            |            |

| <b>onechronic</b>             | at least one chronic condition |         |            |            |
|-------------------------------|--------------------------------|---------|------------|------------|
|                               | Frequency                      | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 35694                          | 40.4    | 40.4       | 35694      |
| 1. yes                        | 36979                          | 41.9    | 82.3       | 72673      |
| -1. missing or not applicable | 15600                          | 17.7    | 100.0      | 88273      |
| Total                         | 88273                          | 100.0   |            |            |

**ADULT HEALTH OUTCOMES**  
**Anthropomorphic measures**

|                |                               |         |            |            |       |            |
|----------------|-------------------------------|---------|------------|------------|-------|------------|
| <b>weight</b>  | measured weight (kg)          |         |            |            |       |            |
|                | Mean                          | Min     | Max        | Std. Dev.  | N     | Missing 62 |
|                |                               | 20.5    | 200.0      | 17         | 74813 | 13460      |
|                | 25%Q1                         | 50.0    |            |            |       |            |
|                | 50%Median                     | 60.0    |            |            |       |            |
|                | 75%Q3                         | 71.2    |            |            |       |            |
|                |                               |         |            |            |       |            |
| <b>waist</b>   | waist (cm)                    |         |            |            |       |            |
|                | Mean                          | Min     | Max        | Std. Dev.  | N     | Missing 88 |
|                |                               | 23.5    | 227.0      | 14         | 52219 | 36054      |
|                | 25%Q1                         | 78.5    |            |            |       |            |
|                | 50%Median                     | 87.0    |            |            |       |            |
|                | 75%Q3                         | 96.5    |            |            |       |            |
|                |                               |         |            |            |       |            |
| <b>hip</b>     | hip (cm)                      |         |            |            |       |            |
|                | Mean                          | Min     | Max        | Std. Dev.  | N     | Missing    |
|                | 97                            | -8.0    | 400.0      | 13         | 52073 | 36200      |
|                | 25%Q1                         | 89.0    |            |            |       |            |
|                | 50%Median                     | 96.4    |            |            |       |            |
|                | 75%Q3                         | 104.0   |            |            |       |            |
|                |                               |         |            |            |       |            |
| <b>bmi</b>     | body mass index               |         |            |            |       |            |
|                | Mean                          | Min     | Max        | Std. Dev.  | N     | Missing    |
|                | 26                            | 8.0     | 239.5      | 7          | 58452 | 29821      |
|                | 25%Q1                         | 21.5    |            |            |       |            |
|                | 50%Median                     | 24.7    |            |            |       |            |
|                | 75%Q3                         | 28.3    |            |            |       |            |
|                |                               |         |            |            |       |            |
| <b>bmi_cat</b> | BMI category                  |         |            |            |       |            |
|                | Frequency                     | Percent | Cum. Perc. | Cum. Freq. |       |            |
|                | 1. severely underwgt <16.5    | 1551    | 1.8        | 1.8        | 1551  |            |
|                | 2. underwgt 16.5 to 18.5      | 3114    | 3.5        | 5.3        | 4665  |            |
|                | 3. normal 18.5 to 25          | 25864   | 29.3       | 34.6       | 30529 |            |
|                | 4. overwgt 25 to 30           | 17529   | 19.9       | 54.4       | 48058 |            |
|                | 5. obese >=30                 | 10394   | 11.8       | 66.2       | 58452 |            |
|                | -1. missing or not applicable | 29821   | 33.8       | 100.0      | 88273 |            |
|                | Total                         | 88273   | 100.0      |            |       |            |

| <b>obesity</b>                | obesity   |         |            |            |
|-------------------------------|-----------|---------|------------|------------|
|                               | Frequency | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 48054     | 54.4    | 54.4       | 48054      |
| 1. yes                        | 10399     | 11.8    | 66.2       | 58453      |
| -1. missing or not applicable | 29820     | 33.8    | 100.0      | 88273      |
| Total                         | 88273     | 100.0   |            |            |

## ADULT HEALTH OUTCOMES

### Mortality

| <b>dead</b>                   | dead not counting missing |         |            |            |
|-------------------------------|---------------------------|---------|------------|------------|
|                               | Frequency                 | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 27098                     | 30.7    | 30.7       | 27098      |
| 1. yes                        | 9516                      | 10.8    | 41.5       | 36614      |
| -1. missing or not applicable | 51659                     | 58.5    | 100.0      | 88273      |
| Total                         | 88273                     | 100.0   |            |            |

| <b>deadFIN</b>                | dead assuming missing are alive (if relevant) |         |            |            |
|-------------------------------|---|---------|------------|------------|
|                               | Frequency                                     | Percent | Cum. Perc. | Cum. Freq. |
| 0. no                         | 30435   | 34.5    | 34.5       | 30435      |
| 1. yes                        | 9516  | 10.8    | 45.3       | 39951      |
| -1. missing or not applicable | 48322   | 54.7    | 100.0      | 88273      |
| Total                         | 88273   | 100.0   |            |            |