**Table, Supplemental Digital Content 2.** Access to piped water, access to toilets connected to sewerage, and poverty; provinces of Peru (N=194), 2005-2015

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| --- | --- | --- | --- |
|  | 2005 | 2015 | 2005-2015 |
| **Access to piped watera** |  |  |  |
| 1st quartile | 0.0-21.0% | 3.6-58.5% | 0.0-40.1% |
| 2nd quartile | 21.0-42.8% | 58.5-69.7% | 40.1-58.2% |
| 3rd quartile | 42.8-61.7% | 69.7-78.5% | 58.2-71.6% |
| 4th quartile | 61.7-94.8% | 78.5-92.6% | 71.6-94.8% |
| **Toilet connected to sewerageb** |  |  |  |
| 1st quartile | 0.0-10.9% | 4.3-26.0% | 0.0-17.1% |
| 2nd quartile | 10.9-20.0% | 26.0-40.2% | 17.1-29.4% |
| 3rd quartile | 20.0-40.0% | 40.2-54.2% | 29.4-47.0% |
| 4th quartile | 40.0-86.0% | 54.2-91.7% | 47.0-91.7% |
| **Povertyc** |  |  |  |
| 1st quartile | 8.8-42.9% | 0.0-18.0% | 0.0-30.2% |
| 2nd quartile | 42.9-66.2% | 18.0-35.8% | 30.2-48.6% |
| 3rd quartile | 66.2-80.9% | 35.8-50.3% | 48.6-65.6% |
| 4th quartile | 80.9-100.0% | 50.3-85.5% | 65.6-100.0% |
| Interpretation: the first (lowest) quartile indicates the lowest ¼ of observations, or the annual provincial-level datapoints with the lowest access to piped water, lowest access to sewerage, and lowest poverty levels. For example, in the study period (2005-2015), 25% of annual provincial-level observations were from provinces in which 0-40.1% of households had access to piped drinking water (defined in models as the 1st/lowest quartile of access). The highest 25% of observations (4th quartile) were annual estimates of piped water access for provinces in which 71.6-94.8% of households had access to piped drinking water. The columns for 2005 and 2015 are displayed to show changes in access over time and were not used to define quartiles in any models. a. Defined as the percentage of households in a province using piped water (piped either inside of, or outside of the home, but within the building area) as the primary drinking water source. b. Defined as the percentage of households in a province for which the method of excreta disposal is a toilet connected to a piped sewerage system. c. Defined by the percentage of households in the province living below the poverty line. |