Technical Note No. 8

Note on the Years of Schooling Variable
NOTE ON THE YEARS OF SCHOOLING VARIABLE

Background:

In the first round of the National Social Protection Monitoring Survey (NSPMS) (Baseline), individuals were asked about the highest level of education reached and the highest grade reached successfully, as written below:

<table>
<thead>
<tr>
<th>ROUND 1 (BASELINE)</th>
<th>For those currently and previously enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level</td>
<td>Grade</td>
</tr>
<tr>
<td>What was the highest level of education (name) reached?</td>
<td>What was the highest grade that (name) reached successfully?</td>
</tr>
</tbody>
</table>

Level and grade are the key variables used to construct the completed years of schooling achieved by each individual. However, the format of the question creates some ambiguity as it does not clearly define whether or not “reached successfully” signifies completion of the grade. According to the NSPMS manual, it is implied that those currently enrolled should answer the level and grade they are enrolled at the time of the survey, which does not mean completed, as shown below:

NSPMS Manual:

Ex.1: If someone is in the second year of his bachelor’s degree at university, the highest level of education (name) reached is ‘07 – Bachelors’ in Q5 and write ‘02 – Second’ in Q6.

Ex.2: If someone is in the fifth year of his basic education, write ‘03 – Basic’ in Q5 and ‘05 – Fifth’ in Q6."

There is no explicit instruction for those who are not currently enrolled, but had been at some point before the survey. They might answer both the last level and grade reached (but not completed) or the last level and grade completed. Depending on the way they answer this question, the number of years of schooling achieved will be different.

To reduce the ambiguity of results, IPC, Interaction, and UNICEF agreed to repeat the question in the Midline 1 data collection, with distinctions made between those currently enrolled and those previously enrolled, as shown below:

<table>
<thead>
<tr>
<th>ROUND 2 (MIDLINE 1)</th>
<th>For those currently enrolled</th>
<th>For those previously enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level</td>
<td>Grade</td>
<td>Level</td>
</tr>
<tr>
<td>What is the level of education the (name) is currently enrolled in?</td>
<td>What is the grade in which the (name) is currently enrolled?</td>
<td>What was the highest level of education the (name) completed reached?</td>
</tr>
</tbody>
</table>
Creating clear differentiations in enrollment of individuals allows us to accurately capture the number of completed years of schooling. For example, if someone previously enrolled answers that he/she has successfully completed the fourth grade of basic education, we are sure that he/she has completed four years of schooling instead of three.

For this reason, we made a decision of using the information of grade and level collected in the Midline 1 to generate the variable years of schooling, which presents the following distribution:

```
. tab yrschl2, m

Completed years of schooling |     Freq.     Percent        Cum.  
-------------------------------------+-----------------------------------
      no schooling |     16,920       31.63       31.63
       1 year of schooling |      1,748        3.27       34.90
       2 years of schooling |      2,019        3.77       38.67
       3 years of schooling |      2,274        4.25       42.92
       4 years of schooling |      2,333        4.36       47.28
       5 years of schooling |      2,296        4.29       51.57
       6 years of schooling |      2,832        5.29       56.87
       7 years of schooling |      1,619        3.03       59.90
       8 years of schooling |      1,490        2.79       62.68
       9 years of schooling |      1,567        2.93       65.61
      10 years of schooling |      844         1.58       67.19
      11 years of schooling |       761        1.42       68.61
      12 years of schooling |      2,451        4.58       73.19
      13 years of schooling |       168        0.31       73.51
      14 years of schooling |       404        0.76       74.26
      15 years of schooling |       191        0.36       74.62
     16+ years of schooling |       635        1.19       75.81
   non-standard: Quran & Literacy |       881        1.65       77.45
  not applicable: child aged 4 or less |     6,621       12.38       89.83
                                              |      5,441       10.17      100.00
-------------------------------------+-----------------------------------
          Total |     53,495      100.00
```

The 5,441 missing values generated refer to the absence of information in the grade and/or level questions in the Midline 1 of those individuals who were only present in the Baseline survey, and those new members who joined the household in the Midline 2 and the Endline surveys.

With the aim of minimizing missing information in the years of schooling variable, it was necessary to implement a step-by-step imputation procedure. All steps are detailed below.

**Step 1. Using information collected in the Midline 2**

If years of schooling is missing in Midline 1, we input the information obtained in Midline 2 (890 individuals), as in this round the same questions about level and grade were asked for all the individuals again. We also used information obtained in Midline 2 to replace 102 individuals coded as “non-standard education” in Midline 1, but with information about years of schooling in Midline 2.

**Step 2. Using information collected in the Baseline**

If years of schooling is missing either in Midline 1 or in Midline 2, we input information collected in Baseline (3,566 individuals). For that, we made the assumption that those currently enrolled answered the level and grade currently attended; and those previously enrolled answered the level and grade completed successfully;
Step 3: Using information collected in the Endline

Finally, for the new members in the Endline, we input information collected in the Endline (471 individuals). The same assumption for those currently and previously enrolled was made here, as the questions about level and grade in the Endline was not split between currently and previously enrolled.

After all the imputation n procedures, we found the following distribution of the years of schooling:

```
. tab yrschl, m

<table>
<thead>
<tr>
<th>Completed years of schooling</th>
<th>Freq.</th>
<th>Percent</th>
<th>Cum.</th>
</tr>
</thead>
<tbody>
<tr>
<td>no schooling</td>
<td>18,456</td>
<td>34.50</td>
<td>34.50</td>
</tr>
<tr>
<td>1 year of schooling</td>
<td>1,872</td>
<td>3.50</td>
<td>38.00</td>
</tr>
<tr>
<td>2 years of schooling</td>
<td>2,168</td>
<td>4.05</td>
<td>42.05</td>
</tr>
<tr>
<td>3 years of schooling</td>
<td>2,443</td>
<td>4.57</td>
<td>46.62</td>
</tr>
<tr>
<td>4 years of schooling</td>
<td>2,494</td>
<td>4.66</td>
<td>51.28</td>
</tr>
<tr>
<td>5 years of schooling</td>
<td>2,482</td>
<td>4.64</td>
<td>55.92</td>
</tr>
<tr>
<td>6 years of schooling</td>
<td>3,140</td>
<td>5.87</td>
<td>61.79</td>
</tr>
<tr>
<td>7 years of schooling</td>
<td>1,805</td>
<td>3.37</td>
<td>65.16</td>
</tr>
<tr>
<td>8 years of schooling</td>
<td>1,650</td>
<td>3.08</td>
<td>68.25</td>
</tr>
<tr>
<td>9 years of schooling</td>
<td>1,769</td>
<td>3.13</td>
<td>71.38</td>
</tr>
<tr>
<td>10 years of schooling</td>
<td>953</td>
<td>1.78</td>
<td>73.14</td>
</tr>
<tr>
<td>11 years of schooling</td>
<td>875</td>
<td>1.64</td>
<td>74.78</td>
</tr>
<tr>
<td>12 years of schooling</td>
<td>2,936</td>
<td>5.49</td>
<td>80.46</td>
</tr>
<tr>
<td>13 years of schooling</td>
<td>189</td>
<td>0.35</td>
<td>80.82</td>
</tr>
<tr>
<td>14 years of schooling</td>
<td>480</td>
<td>0.90</td>
<td>81.72</td>
</tr>
<tr>
<td>15 years of schooling</td>
<td>218</td>
<td>0.41</td>
<td>82.13</td>
</tr>
<tr>
<td>16+ years of schooling</td>
<td>686</td>
<td>1.28</td>
<td>83.41</td>
</tr>
<tr>
<td>non-standard: Quran &amp; Literacy</td>
<td>814</td>
<td>1.52</td>
<td>84.93</td>
</tr>
<tr>
<td>not applicable: child aged 4 or less</td>
<td>7,551</td>
<td>14.12</td>
<td>99.04</td>
</tr>
<tr>
<td></td>
<td>514</td>
<td>0.96</td>
<td>100.00</td>
</tr>
</tbody>
</table>

Total | 53,495 | 100.00
```

Step 4. Checking inconsistencies

In the fourth step, we checked inconsistencies between age and years of schooling. The official age at which children should start at school in Yemen is six years of age. As such, a child aged eight who entered in school at age six should have completed two years of schooling, if he/she didn’t repeat a grade or drop out. We decided to convert the years of schooling to missing for all individuals who attained three or more years of education beyond what regular students should accomplish. In the example above, if the child should have completed two years but responded that he or she has completed five years, we replaced his/her information of years of schooling to missing (see red numbers in the Graph 1). We kept the responses from those who stated they had two years of schooling beyond the correct one as students may have entered school earlier and/or have a birthday at the beginning of the school year. In total, 96 individuals were replaced to missing.

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1 See the correct number of schooling a regular child should attain following the gray diagonal in Graph 1.
Final distribution of years of schooling

After all these changes, the final distribution of the years of schooling is:

\[ \text{. tab yrschl, m} \]

<table>
<thead>
<tr>
<th>Completed years of schooling</th>
<th>Freq.</th>
<th>Percent</th>
<th>Cum.</th>
</tr>
</thead>
<tbody>
<tr>
<td>no schooling</td>
<td>18,456</td>
<td>34.50</td>
<td>34.50</td>
</tr>
<tr>
<td>1 year of schooling</td>
<td>1,872</td>
<td>3.50</td>
<td>38.00</td>
</tr>
<tr>
<td>2 years of schooling</td>
<td>2,166</td>
<td>4.05</td>
<td>42.05</td>
</tr>
<tr>
<td>3 years of schooling</td>
<td>2,166</td>
<td>4.05</td>
<td>42.05</td>
</tr>
<tr>
<td>4 years of schooling</td>
<td>2,488</td>
<td>4.65</td>
<td>51.26</td>
</tr>
<tr>
<td>5 years of schooling</td>
<td>2,475</td>
<td>4.63</td>
<td>55.89</td>
</tr>
<tr>
<td>6 years of schooling</td>
<td>3,133</td>
<td>5.86</td>
<td>61.75</td>
</tr>
<tr>
<td>7 years of schooling</td>
<td>1,753</td>
<td>3.28</td>
<td>71.46</td>
</tr>
<tr>
<td>8 years of schooling</td>
<td>1,753</td>
<td>3.28</td>
<td>71.46</td>
</tr>
<tr>
<td>9 years of schooling</td>
<td>1,548</td>
<td>2.94</td>
<td>74.40</td>
</tr>
<tr>
<td>10 years of schooling</td>
<td>1,254</td>
<td>2.37</td>
<td>76.77</td>
</tr>
<tr>
<td>11 years of schooling</td>
<td>1,632</td>
<td>3.08</td>
<td>80.06</td>
</tr>
<tr>
<td>12 years of schooling</td>
<td>1,632</td>
<td>3.08</td>
<td>80.06</td>
</tr>
<tr>
<td>13 years of schooling</td>
<td>1,427</td>
<td>2.67</td>
<td>82.73</td>
</tr>
<tr>
<td>14 years of schooling</td>
<td>1,254</td>
<td>2.37</td>
<td>85.10</td>
</tr>
<tr>
<td>15 years of schooling</td>
<td>1,254</td>
<td>2.37</td>
<td>85.10</td>
</tr>
<tr>
<td>16 years of schooling</td>
<td>1,254</td>
<td>2.37</td>
<td>85.10</td>
</tr>
<tr>
<td>non-standard: Quran &amp; Literacy</td>
<td>814</td>
<td>1.52</td>
<td>84.74</td>
</tr>
<tr>
<td>not applicable: child aged 4 or less</td>
<td>7,551</td>
<td>14.12</td>
<td>98.86</td>
</tr>
<tr>
<td>Total</td>
<td>53,495</td>
<td>100.00</td>
<td></td>
</tr>
</tbody>
</table>
In the (NSPMS), the questions and categories are designed to capture the structure of the system as shown below:

<table>
<thead>
<tr>
<th>Level</th>
<th>Grade</th>
<th>Level</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-school or kindergarten</td>
<td>0 = Pre-school or kindergarten</td>
<td>Pre-school or kindergarten</td>
<td>0 = Pre-school or kindergarten</td>
</tr>
<tr>
<td>Primary</td>
<td>1 = First</td>
<td>Unified</td>
<td>1 = First</td>
</tr>
<tr>
<td>Unified</td>
<td>2 = Second</td>
<td>Basic</td>
<td>2 = Second</td>
</tr>
<tr>
<td>Basic</td>
<td>3 = Third</td>
<td>Diploma before secondary</td>
<td>3 = Basic</td>
</tr>
<tr>
<td>Diploma before secondary</td>
<td>4 = Fourth</td>
<td>Secondary</td>
<td>4 = Fourth</td>
</tr>
<tr>
<td>Secondary</td>
<td>5 = Fifth</td>
<td>Post secondary diploma</td>
<td>5 = Fifth</td>
</tr>
<tr>
<td>Post secondary diploma</td>
<td>6 = Sixth</td>
<td>Bachelors</td>
<td>6 = Sixth</td>
</tr>
<tr>
<td>Bachelors</td>
<td>7 = Seventh</td>
<td>Postgraduate</td>
<td>7 = Seventh</td>
</tr>
<tr>
<td>Postgraduate</td>
<td>8 = Eighth</td>
<td>Literacy classes</td>
<td>8 = Eighth</td>
</tr>
<tr>
<td>Literacy classes</td>
<td>9 = Ninth</td>
<td>Non-graded course</td>
<td>9 = Ninth</td>
</tr>
<tr>
<td>Non-graded course</td>
<td>10 = Non-graded course</td>
<td>Quran religious classes</td>
<td>10 = Quran religious classes</td>
</tr>
<tr>
<td>Quran religious classes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Literacy classes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-graded course</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-school or kindergarten</td>
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<td></td>
<td></td>
<td>Pre-school or kindergarten</td>
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<tr>
<td></td>
<td></td>
<td>Unified</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Basic</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Diploma before secondary</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Secondary</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Post secondary diploma</td>
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<td></td>
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<td>Bachelors</td>
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<td></td>
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<td>Postgraduate</td>
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<td></td>
<td></td>
<td>Literacy classes</td>
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<tr>
<td></td>
<td></td>
<td>Non-graded course</td>
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<td></td>
<td></td>
<td>Quran religious classes</td>
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<tr>
<td>Pre-school or kindergarten</td>
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<td></td>
<td></td>
<td>Pre-school or kindergarten</td>
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<td></td>
<td></td>
<td>Unified</td>
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<tr>
<td></td>
<td></td>
<td>Basic</td>
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<tr>
<td></td>
<td></td>
<td>Diploma before secondary</td>
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<tr>
<td></td>
<td></td>
<td>Secondary</td>
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<tr>
<td></td>
<td></td>
<td>Post secondary diploma</td>
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<td>Bachelors</td>
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<td></td>
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<td>Postgraduate</td>
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<td></td>
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<td>Literacy classes</td>
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<tr>
<td></td>
<td></td>
<td>Non-graded course</td>
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<td></td>
<td></td>
<td>Quran religious classes</td>
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</tr>
<tr>
<td>Pre-school or kindergarten</td>
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<td></td>
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<td>Pre-school or kindergarten</td>
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<td>Unified</td>
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<td></td>
<td>Basic</td>
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<tr>
<td></td>
<td></td>
<td>Diploma before secondary</td>
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<td></td>
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<td>Secondary</td>
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<td></td>
<td></td>
<td>Post secondary diploma</td>
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<td></td>
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<td>Bachelors</td>
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<td></td>
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<td>Postgraduate</td>
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<td></td>
<td></td>
<td>Literacy classes</td>
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<tr>
<td></td>
<td></td>
<td>Non-graded course</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quran religious classes</td>
<td></td>
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<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Source: NSPMS, Midline Questionnaire.

*Pre-school or kindergarten* is listed for children who attend some form of organized learning or early childhood education program, whether or not such a program is considered part of the school system.
Programs offering only babysitting or childcare are not included in this category.\(^2\) All the children included in this category have zero years of schooling.

Levels *Primary*, *Unified* and *Basic* are equivalent with their different names reflecting changes in the education system over the past years.\(^3\) The years of schooling of those included in these categories range from zero to nine, depending on the grade they are enrolled (individuals currently enrolled) or the grade completed successfully (individuals previously enrolled). Ex.1: if someone is currently enrolled in the first grade of basic education, he or she has zero years of education completed. Ex.2: if someone who is no longer enrolled in school but has successfully completed the first grade of basic education, he or she has one year of education completed.

*Diploma before secondary* is part of formal education for children aged twelve to fourteen years old.\(^4\) This level is equivalent to lower secondary education. The years of schooling of those included in this category range from six to nine, depending on the grade (1\(^{\text{st}}\) to 3\(^{\text{rd}}\), which is equivalent to a year) students are enrolled or the grade completed successfully. Ex.3: if someone is currently enrolled in the first grade of diploma before secondary education, he or she has six years of education completed. Ex.4: if someone who is no longer enrolled in school has successfully completed the first grade of diploma before secondary education, he or she has seven years of education completed.

*Post-secondary diploma* is part of formal education for those who finished secondary education and want to specialize as teachers.\(^5\) This level is also used to describe technical institutes that offer two- and-three year programmes leading to the qualification of technician (UNESCO, 2011). The years of schooling of those included in this category range from twelve to fifteen, depending on the grade/year (1\(^{\text{st}}\) to 3\(^{\text{rd}}\)) students are enrolled or the grade completed successfully. Ex.5: if someone is currently enrolled in the first grade of post-secondary education, he or she has completed twelve years of schooling. Ex.6: if someone who is no longer enrolled in school has successfully completed the first grade of post-secondary diploma, he or she has completed twelve years of schooling.

*Literacy classes and Quran* are not part of the standard curriculum, although the former is linked to formal education: one year of literacy classes is equivalent to the 3\(^{\text{rd}}\) grade of basic education; two years of literacy classes are equivalent to the 6\(^{\text{th}}\) grade of basic education.\(^6\) Religious classes are open to everyone interested in learning Quran, and individuals enrolled in Quran classes can also be enrolled in formal education. Following the recommendation of the UNICEF education specialists in Yemen, those individuals included in one of these categories should be labeled as non-formal students. Therefore, it is not possible to build years of schooling for them.

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\(^3\) See NSPMS Manual, p. 12.
\(^4\) According to UNICEF Education Specialists in Yemen.
\(^5\) According to UNICEF Education Specialists in Yemen.
\(^6\) According to UNICEF Education Specialists in Yemen.
ANNEX 1 – Syntax in Stata format

****************************************************************
** YEARS OF SCHOOLING – ROUND 1 (BASELINE)
****************************************************************

** No schooling
* Currently enrolled
  gen yrschl=
  replace yrschl=0 if p3_q_5==0 & p3_q_2==1
  replace yrschl=0 if p3_q_6==0 & p3_q_2==1
  replace yrschl=0 if p3_q_5==1 & p3_q_6==1 & p3_q_2==1
  replace yrschl=0 if p3_q_5==2 & p3_q_6==1 & p3_q_2==1
  replace yrschl=0 if p3_q_5==3 & p3_q_6==1 & p3_q_2==1

* Previously enrolled
  replace yrschl=0 if p3_q_5==0 & p3_q_2==2
  replace yrschl=0 if p3_q_6==0 & p3_q_2==2

* Never enrolled
  replace yrschl=0 if p3_q_2==3

** 1 year of schooling
* Currently enrolled
  replace yrschl=1 if p3_q_5==1 & p3_q_6==2 & p3_q_2==1
  replace yrschl=1 if p3_q_5==2 & p3_q_6==2 & p3_q_2==1
  replace yrschl=1 if p3_q_5==3 & p3_q_6==2 & p3_q_2==1

* Previously enrolled
  replace yrschl=1 if p3_q_5==1 & p3_q_6==1 & p3_q_2==2
  replace yrschl=1 if p3_q_5==2 & p3_q_6==1 & p3_q_2==2
  replace yrschl=1 if p3_q_5==3 & p3_q_6==1 & p3_q_2==2

** 2 years of schooling
* Currently enrolled
  replace yrschl=2 if p3_q_5==1 & p3_q_6==3 & p3_q_2==1
  replace yrschl=2 if p3_q_5==2 & p3_q_6==3 & p3_q_2==1
  replace yrschl=2 if p3_q_5==3 & p3_q_6==3 & p3_q_2==1

* Previously enrolled
  replace yrschl=2 if p3_q_5==1 & p3_q_6==2 & p3_q_2==2
  replace yrschl=2 if p3_q_5==2 & p3_q_6==2 & p3_q_2==2
  replace yrschl=2 if p3_q_5==3 & p3_q_6==2 & p3_q_2==2

** 3 year of schooling
* Currently enrolled
  replace yrschl=3 if p3_q_5==1 & p3_q_6==4 & p3_q_2==1
  replace yrschl=3 if p3_q_5==2 & p3_q_6==4 & p3_q_2==1
  replace yrschl=3 if p3_q_5==3 & p3_q_6==4 & p3_q_2==1

* Previously enrolled
  replace yrschl=3 if p3_q_5==1 & p3_q_6==3 & p3_q_2==2
  replace yrschl=3 if p3_q_5==2 & p3_q_6==3 & p3_q_2==2
  replace yrschl=3 if p3_q_5==3 & p3_q_6==3 & p3_q_2==2

** 4 years of schooling
* Currently enrolled
  replace yrschl=4 if p3_q_5==1 & p3_q_6==5 & p3_q_2==1
  replace yrschl=4 if p3_q_5==2 & p3_q_6==5 & p3_q_2==1
  replace yrschl=4 if p3_q_5==3 & p3_q_6==5 & p3_q_2==1

* Previously enrolled
  replace yrschl=4 if p3_q_5==1 & p3_q_6==4 & p3_q_2==2
  replace yrschl=4 if p3_q_5==2 & p3_q_6==4 & p3_q_2==2
  replace yrschl=4 if p3_q_5==3 & p3_q_6==4 & p3_q_2==2

** 5 years of schooling
* Currently enrolled
  replace yrschl=5 if p3_q_5==1 & p3_q_6==6 & p3_q_2==1
  replace yrschl=5 if p3_q_5==2 & p3_q_6==6 & p3_q_2==1
  replace yrschl=5 if p3_q_5==3 & p3_q_6==6 & p3_q_2==1
* Previously enrolled
  replace yrschl=5 if p3_q_5==1 & p3_q_6==5 & p3_q_2==2
  replace yrschl=5 if p3_q_5==2 & p3_q_6==5 & p3_q_2==2
  replace yrschl=5 if p3_q_5==3 & p3_q_6==5 & p3_q_2==2

** 6 years of schooling

* Currently enrolled
  replace yrschl=6 if p3_q_5==1 & p3_q_6==7 & p3_q_2==1
  replace yrschl=6 if p3_q_5==2 & p3_q_6==7 & p3_q_2==1
  replace yrschl=6 if p3_q_5==3 & p3_q_6==7 & p3_q_2==1
  replace yrschl=6 if p3_q_5==4 & p3_q_6==1 & p3_q_2==1

* Previously enrolled
  replace yrschl=6 if p3_q_5==1 & p3_q_6==6 & p3_q_2==2
  replace yrschl=6 if p3_q_5==2 & p3_q_6==6 & p3_q_2==2
  replace yrschl=6 if p3_q_5==3 & p3_q_6==6 & p3_q_2==2

** 7 years of schooling

* Currently enrolled
  replace yrschl=7 if p3_q_5==1 & p3_q_6==8 & p3_q_2==1
  replace yrschl=7 if p3_q_5==2 & p3_q_6==8 & p3_q_2==1
  replace yrschl=7 if p3_q_5==3 & p3_q_6==8 & p3_q_2==1
  replace yrschl=7 if p3_q_5==4 & (p3_q_6>=3 & p3_q_6<=9) & p3_q_2==1

* Previously enrolled
  replace yrschl=7 if p3_q_5==1 & p3_q_6==7 & p3_q_2==2
  replace yrschl=7 if p3_q_5==2 & p3_q_6==7 & p3_q_2==2
  replace yrschl=7 if p3_q_5==3 & p3_q_6==7 & p3_q_2==2
  replace yrschl=7 if p3_q_5==4 & p3_q_6==1 & p3_q_2==2

** 8 years of schooling

* Currently enrolled
  replace yrschl=8 if p3_q_5==1 & p3_q_6==9 & p3_q_2==1
  replace yrschl=8 if p3_q_5==2 & p3_q_6==9 & p3_q_2==1
  replace yrschl=8 if p3_q_5==3 & p3_q_6==9 & p3_q_2==1
  replace yrschl=8 if p3_q_5==4 & (p3_q_6>=3 & p3_q_6<=9) & p3_q_2==1

* Previously enrolled
  replace yrschl=8 if p3_q_5==1 & p3_q_6==8 & p3_q_2==2
  replace yrschl=8 if p3_q_5==2 & p3_q_6==8 & p3_q_2==2
  replace yrschl=8 if p3_q_5==3 & p3_q_6==8 & p3_q_2==2
  replace yrschl=8 if p3_q_5==4 & p3_q_6==2 & p3_q_2==2

** 9 years of schooling

* Currently enrolled
  replace yrschl=9 if p3_q_5==5 & p3_q_6==1 & p3_q_2==1

* Previously enrolled
  replace yrschl=9 if p3_q_5==1 & p3_q_6==9 & p3_q_2==2
  replace yrschl=9 if p3_q_5==2 & p3_q_6==9 & p3_q_2==2
  replace yrschl=9 if p3_q_5==3 & p3_q_6==9 & p3_q_2==2
  replace yrschl=9 if p3_q_5==4 & (p3_q_6>=2 & p3_q_6<=9) & p3_q_2==2

** 10 years of schooling

* Currently enrolled
  replace yrschl=10 if p3_q_5==5 & p3_q_6==2 & p3_q_2==1

* Previously enrolled
  replace yrschl=10 if p3_q_5==5 & p3_q_6==1 & p3_q_2==2

** 11 years of schooling

* Currently enrolled
  replace yrschl=11 if p3_q_5==5 & (p3_q_6>=3 & p3_q_6<=9) & p3_q_2==1

* Previously enrolled
  replace yrschl=11 if p3_q_5==5 & p3_q_6==2 & p3_q_2==2
** 12 years of schooling - Complete Secondary

* Currently enrolled
  replace yrschl=12 if p3_q_5==7 & p3_q_6==1 & p3_q_2==1
  replace yrschl=12 if p3_q_5==6 & p3_q_6==1 & p3_q_2==1

* Previously enrolled
  replace yrschl=12 if p3_q_5==5 & (p3_q_6>=3 & p3_q_6<9) & p3_q_2==2

** 13 years of schooling

* Currently enrolled
  replace yrschl=13 if p3_q_5==7 & p3_q_6==2 & p3_q_2==1
  replace yrschl=13 if p3_q_5==6 & (p3_q_6>=3 & p3_q_6<=9) & p3_q_2==1

* Previously enrolled
  replace yrschl=13 if p3_q_5==7 & p3_q_6==1 & p3_q_2==2
  replace yrschl=13 if p3_q_5==6 & p3_q_6==1 & p3_q_2==2

** 14 years of schooling

* Currently enrolled
  replace yrschl=14 if p3_q_5==7 & p3_q_6==3 & p3_q_2==1
  replace yrschl=14 if p3_q_5==6 & (p3_q_6>=3 & p3_q_6<=9) & p3_q_2==1

* Previously enrolled
  replace yrschl=14 if p3_q_5==7 & p3_q_6==2 & p3_q_2==2
  replace yrschl=14 if p3_q_5==6 & p3_q_6==2 & p3_q_2==2

** 15 years of schooling

* Currently enrolled
  replace yrschl=15 if p3_q_5==7 & p3_q_6==4 & p3_q_2==1

* Previously enrolled
  replace yrschl=15 if p3_q_5==7 & p3_q_6==3 & p3_q_2==2
  replace yrschl=15 if p3_q_5==6 & (p3_q_6>=3 & p3_q_6<=9) & p3_q_2==2

** 16+ years of schooling

* Currently enrolled
  replace yrschl=16 if p3_q_5==7 & (p3_q_6>=5 & p3_q_6<=9) & p3_q_2==1
  replace yrschl=16 if p3_q_5==8 & p3_q_2==1

* Previously enrolled
  replace yrschl=16 if p3_q_5==7 & (p3_q_6>=4 & p3_q_6<=9) & p3_q_2==2
  replace yrschl=16 if p3_q_5==8 & p3_q_2==2

** Non-standard: Literacy class & Quran
  replace yrschl=77 if p3_q_5==9 | p3_q_5==10

** Not applicable
  replace yrschl=88 if p2_q_05_y==4

** LABELS

label variable yrschl "Completed years of schooling"
label define yrschl 0 "no schooling" 1 "1 year of schooling" 2 "2 years of schooling" ///
  3 "3 years of schooling" 4 "4 years of schooling" ///
  5 "5 years of schooling" 6 "6 years of schooling" ///
  7 "7 years of schooling" 8 "8 years of schooling" ///
  9 "9 years of schooling" 10 "10 years of schooling" ///
  11 "11 years of schooling" 12 "12 years of schooling" ///
  13 "13 years of schooling" 14 "14 years of schooling" ///
  15 "15 years of schooling" 16 "16+ years of schooling" ///
  77 "non-standard: Quran & Literacy" 88 "not applicable: child aged 4 or less"

label values yrschl yrschl

******************************************************************************
** YEARS OF SCHOOLING - ROUNDS 2 and 3 (MIDLINE)
******************************************************************************
** No schooling

* Currently enrolled
  
  `gen yrschl2=0`
  
  `replace yrschl2=0 if r2_p3_q_5_a==0`
  
  `replace yrschl2=0 if r2_p3_q_6_a==0`
  
  `replace yrschl2=0 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==1)`
  
  `replace yrschl2=0 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==1)`
  
  `replace yrschl2=0 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==1)`

* Previously enrolled
  
  `replace yrschl2=0 if r2_p3_q_5_b==0`
  
  `replace yrschl2=0 if r2_p3_q_6_b==0`

* Never enrolled
  
  `replace yrschl2=0 if p3_q_2==3`

** 1 year of schooling

* Currently enrolled
  
  `replace yrschl2=1 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==2)`
  
  `replace yrschl2=1 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==2)`
  
  `replace yrschl2=1 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==2)`

* Previously enrolled
  
  `replace yrschl2=1 if (r2_p3_q_5_b==1 & r2_p3_q_6_b==1)`
  
  `replace yrschl2=1 if (r2_p3_q_5_b==2 & r2_p3_q_6_b==1)`
  
  `replace yrschl2=1 if (r2_p3_q_5_b==3 & r2_p3_q_6_b==1)`

** 2 years of schooling

* Currently enrolled
  
  `replace yrschl2=2 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==3)`
  
  `replace yrschl2=2 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==3)`
  
  `replace yrschl2=2 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==3)`

* Previously enrolled
  
  `replace yrschl2=2 if (r2_p3_q_5_b==1 & r2_p3_q_6_b==2)`
  
  `replace yrschl2=2 if (r2_p3_q_5_b==2 & r2_p3_q_6_b==2)`
  
  `replace yrschl2=2 if (r2_p3_q_5_b==3 & r2_p3_q_6_b==2)`

** 3 year of schooling

* Currently enrolled
  
  `replace yrschl2=3 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==4)`
  
  `replace yrschl2=3 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==4)`
  
  `replace yrschl2=3 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==4)`

* Previously enrolled
  
  `replace yrschl2=3 if (r2_p3_q_5_b==1 & r2_p3_q_6_b==3)`
  
  `replace yrschl2=3 if (r2_p3_q_5_b==2 & r2_p3_q_6_b==3)`
  
  `replace yrschl2=3 if (r2_p3_q_5_b==3 & r2_p3_q_6_b==3)`

** 4 years of schooling

* Currently enrolled
  
  `replace yrschl2=4 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==5)`
  
  `replace yrschl2=4 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==5)`
  
  `replace yrschl2=4 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==5)`

* Previously enrolled
  
  `replace yrschl2=4 if (r2_p3_q_5_b==1 & r2_p3_q_6_b==4)`
  
  `replace yrschl2=4 if (r2_p3_q_5_b==2 & r2_p3_q_6_b==4)`
  
  `replace yrschl2=4 if (r2_p3_q_5_b==3 & r2_p3_q_6_b==4)`

** 5 years of schooling

* Currently enrolled
  
  `replace yrschl2=5 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==6)`
  
  `replace yrschl2=5 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==6)`
  
  `replace yrschl2=5 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==6)`

* Previously enrolled
  
  `replace yrschl2=5 if (r2_p3_q_5_b==1 & r2_p3_q_6_b==5)`
** 6 years of schooling

* Currently enrolled
  replace yrschl2=6 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==7)
  replace yrschl2=6 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==7)
  replace yrschl2=6 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==7)
  replace yrschl2=6 if (r2_p3_q_5_a==4 & r2_p3_q_6_a==7)

* Previously enrolled
  replace yrschl2=6 if (r2_p3_q_5_b==1 & r2_p3_q_6_b==7)
  replace yrschl2=6 if (r2_p3_q_5_b==2 & r2_p3_q_6_b==7)
  replace yrschl2=6 if (r2_p3_q_5_b==3 & r2_p3_q_6_b==7)
  replace yrschl2=6 if (r2_p3_q_5_b==4 & r2_p3_q_6_b==7)

** 7 years of schooling

* Currently enrolled
  replace yrschl2=7 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==8)
  replace yrschl2=7 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==8)
  replace yrschl2=7 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==8)
  replace yrschl2=7 if (r2_p3_q_5_a==4 & r2_p3_q_6_a==8)

* Previously enrolled
  replace yrschl2=7 if (r2_p3_q_5_b==1 & r2_p3_q_6_b==8)
  replace yrschl2=7 if (r2_p3_q_5_b==2 & r2_p3_q_6_b==8)
  replace yrschl2=7 if (r2_p3_q_5_b==3 & r2_p3_q_6_b==8)
  replace yrschl2=7 if (r2_p3_q_5_b==4 & r2_p3_q_6_b==8)

** 8 years of schooling

* Currently enrolled
  replace yrschl2=8 if (r2_p3_q_5_a==1 & r2_p3_q_6_a==9)
  replace yrschl2=8 if (r2_p3_q_5_a==2 & r2_p3_q_6_a==9)
  replace yrschl2=8 if (r2_p3_q_5_a==3 & r2_p3_q_6_a==9)
  replace yrschl2=8 if (r2_p3_q_5_a==4 & (r2_p3_q_6_a>=3 & r2_p3_q_6_a<=9))

* Previously enrolled
  replace yrschl2=8 if (r2_p3_q_5_b==1 & r2_p3_q_6_b==9)
  replace yrschl2=8 if (r2_p3_q_5_b==2 & r2_p3_q_6_b==9)
  replace yrschl2=8 if (r2_p3_q_5_b==3 & r2_p3_q_6_b==9)
  replace yrschl2=8 if (r2_p3_q_5_b==4 & (r2_p3_q_6_b>=2 & r2_p3_q_6_b<=9))

** 9 years of schooling

* Currently enrolled
  replace yrschl2=9 if (r2_p3_q_5_a==5 & r2_p3_q_6_a==1)

* Previously enrolled
  replace yrschl2=9 if (r2_p3_q_5_b==5 & r2_p3_q_6_b==1)

** 10 years of schooling

* Currently enrolled
  replace yrschl2=10 if (r2_p3_q_5_a==5 & r2_p3_q_6_a==2)

* Previously enrolled
  replace yrschl2=10 if (r2_p3_q_5_b==5 & r2_p3_q_6_b==1)

** 11 years of schooling

* Currently enrolled
  replace yrschl2=11 if (r2_p3_q_5_a==5 & (r2_p3_q_6_a==3 & r2_p3_q_6_a<9))

* Previously enrolled
  replace yrschl2=11 if (r2_p3_q_5_b==5 & r2_p3_q_6_b==2)

** 12 years of schooling - Complete Secondary
Currently enrolled
replace yrschl2=12 if (r2_p3_q_5_a==7 & r2_p3_q_6_a==1)
replace yrschl2=12 if (r2_p3_q_5_a==6 & r2_p3_q_6_a==1)

Previously enrolled
replace yrschl2=12 if (r2_p3_q_5_b==5 & (r2_p3_q_6_b==3 & r2_p3_q_6_b<=9))

** 13 years of schooling

Currently enrolled
replace yrschl2=13 if (r2_p3_q_5_a==7 & r2_p3_q_6_a==2)
replace yrschl2=13 if (r2_p3_q_5_a==6 & (r2_p3_q_6_a>=3 & r2_p3_q_6_a<=9))

Previously enrolled
replace yrschl2=13 if (r2_p3_q_5_b==7 & r2_p3_q_6_b==1)
replace yrschl2=13 if (r2_p3_q_5_b==6 & (r2_p3_q_6_b>=3 & r2_p3_q_6_b<=9))

** 14 years of schooling

Currently enrolled
replace yrschl2=14 if (r2_p3_q_5_a==7 & (r2_p3_q_6_a>=5 & r2_p3_q_6_a<=9))
replace yrschl2=14 if r2_p3_q_5_a==8

Previously enrolled
replace yrschl2=14 if (r2_p3_q_5_b==7 & (r2_p3_q_6_b>=4 & r2_p3_q_6_b<=9))
replace yrschl2=14 if (r2_p3_q_5_b==8)

** 15 years of schooling

Currently enrolled
replace yrschl2=15 if (r2_p3_q_5_a==7 & r2_p3_q_6_a==4)

Previously enrolled
replace yrschl2=15 if (r2_p3_q_5_b==7 & r2_p3_q_6_b==3)
replace yrschl2=15 if (r2_p3_q_5_b==6 & (r2_p3_q_6_b==3 & r2_p3_q_6_b<=9))

** 16+ years of schooling

Currently enrolled
replace yrschl2=16 if (r2_p3_q_5_a==7 & (r2_p3_q_6_a==5 & r2_p3_q_6_a<=9))
replace yrschl2=16 if r2_p3_q_5_a==8

Previously enrolled
replace yrschl2=16 if (r2_p3_q_5_b==7 & (r2_p3_q_6_b==4 & r2_p3_q_6_b<=9))
replace yrschl2=16 if (r2_p3_q_5_b==8)

** Non-standard: Literacy class & Quran
replace yrschl2=77 if (r2_p3_q_5_a==9 | r2_p3_q_5_a==10)
replace yrschl2=77 if (r2_p3_q_5_b==9 | r2_p3_q_5_b==10)

** Not applicable
replace yrschl2=88 if p2_q_05_y<=4

** LABELS
label variable yrschl2 “Completed years of schooling”
label values yrschl2 yrschl
replace yrschl4=0 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==1 & p3_q_2==1)
replace yrschl4=0 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==1 & p3_q_2==1)
* Previously enrolled
replace yrschl4=0 if (r4_p3_q_5_b==0 & p3_q_2==2)
replace yrschl4=0 if (r4_p3_q_6_b==0 & p3_q_2==2)
* Never enrolled
replace yrschl4=0 if p3_q_2==3

** 1 year of schooling

* Currently enrolled
replace yrschl4=1 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==2) & p3_q_2==1
replace yrschl4=1 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==2) & p3_q_2==1
replace yrschl4=1 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==2) & p3_q_2==1
* Previously enrolled
replace yrschl4=1 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==1) & p3_q_2==2
replace yrschl4=1 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==1) & p3_q_2==2
replace yrschl4=1 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==1) & p3_q_2==2

** 2 years of schooling

* Currently enrolled
replace yrschl4=2 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==3) & p3_q_2==1
replace yrschl4=2 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==3) & p3_q_2==1
replace yrschl4=2 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==3) & p3_q_2==1
* Previously enrolled
replace yrschl4=2 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==2) & p3_q_2==2
replace yrschl4=2 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==2) & p3_q_2==2
replace yrschl4=2 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==2) & p3_q_2==2

** 3 year of schooling

* Currently enrolled
replace yrschl4=3 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==4) & p3_q_2==1
replace yrschl4=3 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==4) & p3_q_2==1
replace yrschl4=3 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==4) & p3_q_2==1
* Previously enrolled
replace yrschl4=3 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==3) & p3_q_2==2
replace yrschl4=3 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==3) & p3_q_2==2
replace yrschl4=3 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==3) & p3_q_2==2

** 4 years of schooling

* Currently enrolled
replace yrschl4=4 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==5) & p3_q_2==1
replace yrschl4=4 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==5) & p3_q_2==1
replace yrschl4=4 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==5) & p3_q_2==1
* Previously enrolled
replace yrschl4=4 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==4) & p3_q_2==2
replace yrschl4=4 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==4) & p3_q_2==2
replace yrschl4=4 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==4) & p3_q_2==2

** 5 years of schooling

* Currently enrolled
replace yrschl4=5 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==6) & p3_q_2==1
replace yrschl4=5 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==6) & p3_q_2==1
replace yrschl4=5 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==6) & p3_q_2==1
* Previously enrolled
replace yrschl4=5 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==5) & p3_q_2==2
replace yrschl4=5 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==5) & p3_q_2==2
replace yrschl4=5 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==5) & p3_q_2==2

** 6 years of schooling

* Currently enrolled
replace yrschl4=6 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==7) & p3_q_2==1
replace yrschl4=6 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==7) & p3_q_2==1
replace yrschl4=6 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==7) & p3_q_2==1
replace yrschl4=6 if (r4_p3_q_5_b==4 & r4_p3_q_6_b==1) & p3_q_2==1
* Previously enrolled
replace yrschl4=6 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==6) & p3_q_2==2
replace yrschl4=6 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==6) & p3_q_2==2
replace yrschl4=6 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==6) & p3_q_2==2

** 7 years of schooling
* Currently enrolled
replace yrschl4=7 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==8) & p3_q_2==1
replace yrschl4=7 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==8) & p3_q_2==1
replace yrschl4=7 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==8) & p3_q_2==1
replace yrschl4=7 if (r4_p3_q_5_b==4 & r4_p3_q_6_b==2) & p3_q_2==1
* Previously enrolled
replace yrschl4=7 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==7) & p3_q_2==2
replace yrschl4=7 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==7) & p3_q_2==2
replace yrschl4=7 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==7) & p3_q_2==2
replace yrschl4=7 if (r4_p3_q_5_b==4 & r4_p3_q_6_b==1) & p3_q_2==2

** 8 years of schooling
* Currently enrolled
replace yrschl4=8 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==9) & p3_q_2==1
replace yrschl4=8 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==9) & p3_q_2==1
replace yrschl4=8 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==9) & p3_q_2==1
replace yrschl4=8 if (r4_p3_q_5_b==4 & (r4_p3_q_6_b>=3 & r4_p3_q_6_b<=9)) & p3_q_2==1
* Previously enrolled
replace yrschl4=8 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==8) & p3_q_2==2
replace yrschl4=8 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==8) & p3_q_2==2
replace yrschl4=8 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==8) & p3_q_2==2
replace yrschl4=8 if (r4_p3_q_5_b==4 & r4_p3_q_6_b==2) & p3_q_2==2

** 9 years of schooling
* Currently enrolled
replace yrschl4=9 if (r4_p3_q_5_b==5 & r4_p3_q_6_b==1) & p3_q_2==1
* Previously enrolled
replace yrschl4=9 if (r4_p3_q_5_b==1 & r4_p3_q_6_b==9) & p3_q_2==2
replace yrschl4=9 if (r4_p3_q_5_b==2 & r4_p3_q_6_b==9) & p3_q_2==2
replace yrschl4=9 if (r4_p3_q_5_b==3 & r4_p3_q_6_b==9) & p3_q_2==2
replace yrschl4=9 if (r4_p3_q_5_b==4 & (r4_p3_q_6_b>=3 & r4_p3_q_6_b<=9)) & p3_q_2==2

** 10 years of schooling
* Currently enrolled
replace yrschl4=10 if (r4_p3_q_5_b==5 & r4_p3_q_6_b==2) & p3_q_2==1
* Previously enrolled
replace yrschl4=10 if (r4_p3_q_5_b==5 & r4_p3_q_6_b==1) & p3_q_2==2

** 11 years of schooling
* Currently enrolled
replace yrschl4=11 if (r4_p3_q_5_b==5 & (r4_p3_q_6_b>3 & r4_p3_q_6_b<9)) & p3_q_2==1
* Previously enrolled
replace yrschl4=11 if (r4_p3_q_5_b==5 & r4_p3_q_6_b==2) & p3_q_2==2

** 12 years of schooling - Complete Secondary
* Currently enrolled
replace yrschl4=12 if (r4_p3_q_5_b==7 & r4_p3_q_6_b==1) & p3_q_2==1
replace yrschl4=12 if (r4_p3_q_5_b==6 & r4_p3_q_6_b==1) & p3_q_2==1
* Previously enrolled
replace yrschl4=12 if (r4_p3_q_5_b==5 & (r4_p3_q_6_b>3 & r4_p3_q_6_b<9)) & p3_q_2==2

** 13 years of schooling
* Currently enrolled
replace yrschl4=13 if (r4_p3_q_5_b==7 & r4_p3_q_6_b==2) & p3_q_2==1
replace yrschl4=13 if (r4_p3_q_5_b==6 & r4_p3_q_6_b==2) & p3_q_2==1
** Previously enrolled
   replace yrschl4=13 if (r4_p3_q_5_b==7 & r4_p3_q_6_b==1) & p3_q_2==2
   replace yrschl4=13 if (r4_p3_q_5_b==6 & r4_p3_q_6_b==1) & p3_q_2==2

** 14 years of schooling

** Currently enrolled
   replace yrschl4=14 if (r4_p3_q_5_b==7 & r4_p3_q_6_b==3) & p3_q_2==1
   replace yrschl4=14 if (r4_p3_q_5_b==6 & (r4_p3_q_6_b>=3 & r4_p3_q_6_b<=9)) & p3_q_2==1

** Previously enrolled
   replace yrschl4=14 if (r4_p3_q_5_b==7 & r4_p3_q_6_b==2) & p3_q_2==2
   replace yrschl4=14 if (r4_p3_q_5_b==6 & r4_p3_q_6_b==2) & p3_q_2==2

** 15 years of schooling

** Currently enrolled
   replace yrschl4=15 if (r4_p3_q_5_b==7 & r4_p3_q_6_b==4) & p3_q_2==1

** Previously enrolled
   replace yrschl4=15 if (r4_p3_q_5_b==7 & r4_p3_q_6_b==3) & p3_q_2==2
   replace yrschl4=15 if (r4_p3_q_5_b==6 & (r4_p3_q_6_b>=3 & r4_p3_q_6_b<=9)) & p3_q_2==2

** 16+ years of schooling

** Currently enrolled
   replace yrschl4=16 if (r4_p3_q_5_b==7 & (r4_p3_q_6_b>=5 & r4_p3_q_6_b<=9)) & p3_q_2==1
   replace yrschl4=16 if r4_p3_q_5_b==8 & p3_q_2==1

** Previously enrolled
   replace yrschl4=16 if (r4_p3_q_5_b==7 & (r4_p3_q_6_b>=4 & r4_p3_q_6_b<=9)) & p3_q_2==2
   replace yrschl4=16 if r4_p3_q_5_b==8 & p3_q_2==2

** Non-standard: Literacy class & Quran
   replace yrschl4=77 if (r4_p3_q_5_b==9 | r4_p3_q_5_b==10)

** Not applicable
   replace yrschl4=88 if p2_q_05_y<=4

** LABELS

label variable yrschl4 "Completed years of schooling"
Label values yrschl4 yrschl