

**Supplementary material****Analysis of reasons for use and non-use of a PHC in the project communities for delivery care**

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. ta Q406C1
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| 406 Where did you give birth? (Last Born) | Freq. | Percent | Cum.   |
|---|-------|---------|--------|
| PHC in this village                       | 1,141 | 42.70   | 42.70  |
| PHC in another village                    | 358   | 13.40   | 56.10  |
| Health Centre/Health Post in this villa   | 78    | 2.92    | 59.02  |
| Health centre/post in another village     | 14    | 0.52    | 59.54  |
| Other Government Hospital                 | 197   | 7.37    | 66.92  |
| Private Hospital                          | 362   | 13.55   | 80.46  |
| At home                                   | 428   | 16.02   | 96.48  |
| Other home                                | 29    | 1.09    | 97.57  |
| Other (Specify)                           | 65    | 2.43    | 100.00 |
| Total                                     | 2,672 | 100.00  |        |

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. ta Q406C1,nol
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| 406 Where did you give birth? (Last Born) | Freq. | Percent | Cum.   |
|---|-------|---------|--------|
| 1   | 1,141 | 42.70   | 42.70  |
| 2   | 358   | 13.40   | 56.10  |
| 3   | 78    | 2.92    | 59.02  |
| 4   | 14    | 0.52    | 59.54  |
| 5   | 197   | 7.37    | 66.92  |
| 6   | 362   | 13.55   | 80.46  |
| 7   | 428   | 16.02   | 96.48  |
| 8   | 29    | 1.09    | 97.57  |
| 9   | 65    | 2.43    | 100.00 |
| Total                                     | 2,672 | 100.00  |        |

```
. ta pod4
```

| RECODE of Q406C1 (406 Where did you give birth? (Last Born)) | Freq. | Percent | Cum.   |
|--|-------|---------|--------|
| other  | 1,453 | 54.38   | 54.38  |
| PHC in project communities                                   | 1,219 | 45.62   | 100.00 |
| Total  | 2,672 | 100.00  |        |

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. ta pod4,nol
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| RECODE of Q406C1 (406 Where did you give birth? (Last Born)) | Freq. | Percent | Cum.   |
|--|-------|---------|--------|
| 0  | 1,453 | 54.38   | 54.38  |
| 1  | 1,219 | 45.62   | 100.00 |
| Total  | 2,672 | 100.00  |        |

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. ta pod4 survey
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| RECODE of Q406C1 (406 Where did you give birth? (Last Born)) | RECODE of year (Year of interview) | baseline | endline | Total |
|--|------------------------------------|----------|---------|-------|
| other  |                                    | 896      | 557     | 1,453 |
| PHC in project commun  |                                    | 417      | 802     | 1,219 |
| Total  |                                    | 1,313    | 1,359   | 2,672 |

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. //reasons for use of PHC in the project communities for delivery care
. ta Q502PUB survey if pod4=1,col chi2
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| Key |
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| frequency |
| column percentage |
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| Ist Reason (use of PHC (Last Born)) | RECODE of year (Year of interview) | baseline | endline | Total  |
|-------------------------------------|------------------------------------|----------|---------|--------|
| No                                  |                                    | 210      | 433     | 643    |
|                                     |                                    | 53.16    | 53.99   | 53.72  |
| Yes                                 |                                    | 185      | 369     | 554    |
|                                     |                                    | 46.84    | 46.01   | 46.28  |
| Total                               |                                    | 395      | 802     | 1,197  |
|                                     |                                    | 100.00   | 100.00  | 100.00 |

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Pearson chi2(1) = 0.0725 Pr = 0.788
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. ta Q502PVB survey if pod4==1, col exact

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| Key |
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| frequency |
| column percentage |
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| 2nd Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total           |
|--|--|---------------|-----------------|
| No                                     | 390<br>98.98                                   | 785<br>97.88  | 1,175<br>98.24  |
| Yes                                    | 4<br>1.02                                      | 17<br>2.12    | 21<br>1.76      |
| Total                                  | 394<br>100.00                                  | 802<br>100.00 | 1,196<br>100.00 |

Fisher's exact = 0.241  
1-sided Fisher's exact = 0.127

. ta Q502PWB survey if pod4==1, col chi2

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| column percentage |
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| 3rd Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total           |
|--|--|---------------|-----------------|
| No                                     | 270<br>68.70                                   | 383<br>47.76  | 653<br>54.64    |
| Yes                                    | 123<br>31.30                                   | 419<br>52.24  | 542<br>45.36    |
| Total                                  | 393<br>100.00                                  | 802<br>100.00 | 1,195<br>100.00 |

Pearson chi2(1) = 46.6931 Pr = 0.000

. ta Q502PNC survey if pod4==1, col chi2

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| Key |
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| frequency |
| column percentage |
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| 4th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total           |
|--|--|---------------|-----------------|
| No                                     | 222<br>56.35                                   | 363<br>45.26  | 585<br>48.91    |
| Yes                                    | 172<br>43.65                                   | 439<br>54.74  | 611<br>51.09    |
| Total                                  | 394<br>100.00                                  | 802<br>100.00 | 1,196<br>100.00 |

Pearson chi2(1) = 12.9881 Pr = 0.000

. ta Q502POC survey if pod4==1, col chi2

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| Key |
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| frequency |
| column percentage |
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| 5th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total           |
|--|--|---------------|-----------------|
| No                                     | 179<br>45.43                                   | 515<br>64.21  | 694<br>58.03    |
| Yes                                    | 215<br>54.57                                   | 287<br>35.79  | 502<br>41.97    |
| Total                                  | 394<br>100.00                                  | 802<br>100.00 | 1,196<br>100.00 |

Pearson chi2(1) = 38.2709 Pr = 0.000

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. ta Q502PPC survey if pod4==1, col chi2
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| Key |
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| frequency |
| column percentage |
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| 6th Reason<br>(Use of<br>PHC (Last<br>Born)) | RECODE of year (Year<br>of interview)<br>baseline | endline       | Total           |
|--|---|---------------|-----------------|
| No   | 188<br>47.59                                      | 231<br>28.80  | 419<br>35.00    |
| Yes  | 207<br>52.41                                      | 571<br>71.20  | 778<br>65.00    |
| Total  | 395<br>100.00                                     | 802<br>100.00 | 1,197<br>100.00 |

Pearson chi2(1) = 41.0786 Pr = 0.000

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. ta Q502PQC survey if pod4==1, col chi2
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| frequency |
| column percentage |
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| 7th Reason<br>(Use of<br>PHC (Last<br>Born)) | RECODE of year (Year<br>of interview)<br>baseline | endline       | Total           |
|--|---|---------------|-----------------|
| No   | 300<br>76.14                                      | 557<br>69.45  | 857<br>71.66    |
| Yes  | 94<br>23.86                                       | 245<br>30.55  | 339<br>28.34    |
| Total  | 394<br>100.00                                     | 802<br>100.00 | 1,196<br>100.00 |

Pearson chi2(1) = 5.8233 Pr = 0.016

. ta Q502PRC survey if pod4==1, col chi2

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| Key |
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| frequency |
| column percentage |
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| 8th Reason<br>(Use of<br>PHC (Last<br>Born)) | RECODE of year (Year<br>of interview)<br>baseline | endline       | Total           |
|--|---|---------------|-----------------|
| No   | 360<br>91.37                                      | 762<br>95.01  | 1,122<br>93.81  |
| Yes  | 34<br>8.63  | 40<br>4.99    | 74<br>6.19      |
| Total  | 394<br>100.00                                     | 802<br>100.00 | 1,196<br>100.00 |

Pearson chi2(1) = 6.0372 Pr = 0.014

. ta Q502PSC survey if pod4==1, col chi2

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| Key |
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| frequency |
| column percentage |
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| 9th Reason<br>(Use of<br>PHC (Last<br>Born)) | RECODE of year (Year<br>of interview)<br>baseline | endline       | Total           |
|--|---|---------------|-----------------|
| No   | 368<br>93.40                                      | 794<br>99.00  | 1,162<br>97.16  |
| Yes  | 26<br>6.60  | 8<br>1.00     | 34<br>2.84      |
| Total  | 394<br>100.00                                     | 802<br>100.00 | 1,196<br>100.00 |

Pearson chi2(1) = 30.0139 Pr = 0.000

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. ta Q502PTC survey if pod4==1, col chi2
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+-----+
| Key |
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| frequency |
| column percentage |
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| 10th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total           |
|---|--|---------------|-----------------|
| No                                      | 376<br>95.67                                   | 794<br>99.00  | 1,170<br>97.91  |
| Yes                                     | 17<br>4.33                                     | 8<br>1.00     | 25<br>2.09      |
| Total                                   | 393<br>100.00                                  | 802<br>100.00 | 1,195<br>100.00 |

Pearson chi2(1) = 14.2635 Pr = 0.000

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. //reasons for non-use of PHCs in the project communities for delivery
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. ta Q504PIC survey if pod4==0, col chi2
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| Key |
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| frequency |
| column percentage |
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| Ist Reason<br>(use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 309<br>86.80                                   | 551<br>98.92  | 860<br>94.19  |
| Yes                                    | 47<br>13.20                                    | 6<br>1.08     | 53<br>5.81    |
| Total                                  | 356<br>100.00                                  | 557<br>100.00 | 913<br>100.00 |

Pearson chi2(1) = 58.3940 Pr = 0.000

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. ta Q504PJC survey if pod4==0, col chi2
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| Key |
|-----|
| frequency |
| column percentage |
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| 2nd Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 310<br>87.32                                   | 547<br>98.20  | 857<br>93.97  |
| Yes                                    | 45<br>12.68                                    | 10<br>1.80    | 55<br>6.03    |
| Total                                  | 355<br>100.00                                  | 557<br>100.00 | 912<br>100.00 |

Pearson chi2(1) = 45.2950 Pr = 0.000

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. ta Q504PLC survey if pod4==0, col exact
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| Key |
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| frequency |
| column percentage |
+-----+
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| 3rd Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 294<br>81.89                                   | 554<br>99.46  | 848<br>92.58  |
| Yes                                    | 65<br>18.11                                    | 3<br>0.54     | 68<br>7.42    |
| Total                                  | 359<br>100.00                                  | 557<br>100.00 | 916<br>100.00 |

Fisher's exact = 0.000  
1-sided Fisher's exact = 0.000



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. ta Q504PRC survey if pod4==0, col chi2
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+-----+
| Key |
+-----+
| frequency |
| column percentage |
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| 4th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 299<br>83.06                                   | 551<br>98.92  | 850<br>92.69  |
| Yes                                    | 61<br>16.94                                    | 6<br>1.08     | 67<br>7.31    |
| Total                                  | 360<br>100.00                                  | 557<br>100.00 | 917<br>100.00 |

Pearson chi2(1) = 81.2899 Pr = 0.000

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. ta Q504PTC survey if pod4==0, col exact
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+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

| 5th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 337<br>94.13                                   | 554<br>99.46  | 891<br>97.38  |
| Yes                                    | 21<br>5.87                                     | 3<br>0.54     | 24<br>2.62    |
| Total                                  | 358<br>100.00                                  | 557<br>100.00 | 915<br>100.00 |

Fisher's exact = 0.000  
1-sided Fisher's exact = 0.000

. ta Q504PUC survey if pod4==0, col exact

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+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

| 6th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 257<br>72.60                                   | 553<br>99.28  | 810<br>88.91  |
| Yes                                    | 97<br>27.40                                    | 4<br>0.72     | 101<br>11.09  |
| Total                                  | 354<br>100.00                                  | 557<br>100.00 | 911<br>100.00 |

Fisher's exact = 0.000  
1-sided Fisher's exact = 0.000

. ta Q504PVC survey if pod4==0, col chi2

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+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

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| 7th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 327<br>92.37                                   | 550<br>98.74  | 877<br>96.27  |
| Yes                                    | 27<br>7.63                                     | 7<br>1.26     | 34<br>3.73    |
| Total                                  | 354<br>100.00                                  | 557<br>100.00 | 911<br>100.00 |

Pearson chi2(1) = 24.4472 Pr = 0.000

```
. ta Q504PWC survey if pod4==0, col exact
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+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

| 8th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 348<br>97.21                                   | 554<br>99.46  | 902<br>98.58  |
| Yes                                    | 10<br>2.79                                     | 3<br>0.54     | 13<br>1.42    |
| Total                                  | 358<br>100.00                                  | 557<br>100.00 | 915<br>100.00 |

```
Fisher's exact = 0.008
1-sided Fisher's exact = 0.006
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. ta Q504PXC survey if pod4==0, col chi2
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+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

| 9th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|--|--|---------------|---------------|
| No                                     | 324<br>90.00                                   | 549<br>98.56  | 873<br>95.20  |
| Yes                                    | 36<br>10.00                                    | 8<br>1.44     | 44<br>4.80    |
| Total                                  | 360<br>100.00                                  | 557<br>100.00 | 917<br>100.00 |

```
Pearson chi2(1) = 35.1064 Pr = 0.000
```

. ta Q504PYC survey if pod4==0, col exact

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+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

| 10th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|---|--|---------------|---------------|
| No                                      | 351<br>98.60                                   | 557<br>100.00 | 908<br>99.45  |
| Yes                                     | 5<br>1.40                                      | 0<br>0.00     | 5<br>0.55     |
| Total                                   | 356<br>100.00                                  | 557<br>100.00 | 913<br>100.00 |

Fisher's exact = 0.009  
1-sided Fisher's exact = 0.009

. ta Q504PZC survey if pod4==0, col exact

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+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

| 11th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|---|--|---------------|---------------|
| No                                      | 354<br>99.44                                   | 556<br>99.82  | 910<br>99.67  |
| Yes                                     | 2<br>0.56                                      | 1<br>0.18     | 3<br>0.33     |
| Total                                   | 356<br>100.00                                  | 557<br>100.00 | 913<br>100.00 |

Fisher's exact = 0.564  
1-sided Fisher's exact = 0.337

```
. ta Q504POD survey if pod4==0, col chi2
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+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

| 12th Reason<br>(Use of PHC (Last Born)) | RECODE of year (Year of interview)<br>baseline | endline       | Total         |
|---|--|---------------|---------------|
| No                                      | 240<br>69.77                                   | 540<br>96.95  | 780<br>86.57  |
| Yes                                     | 104<br>30.23                                   | 17<br>3.05    | 121<br>13.43  |
| Total                                   | 344<br>100.00                                  | 557<br>100.00 | 901<br>100.00 |

```
Pearson chi2(1) = 135.1366 Pr = 0.000
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