| **Characteristic** | **Male**, N = 651 | **Female**, N = 531 | **p-value** | **36-49**, N = 501 | **>50**, N = 381 | **21-35**, N = 301 | **p-value** | **Tertiary education**, N = 471 | **Primary school**, N = 171 | **Secondary school**, N = 471 | **No formal education**, N = 71 | **p-value** | **Pig Farm**, N = 511 | **Poultry farm**, N = 541 | **Both**, N = 131 | **p-value** | **1-5**, N = 951 | **11-15**, N = 51 | **16+**, N = 11 | **6-10**, N = 171 | **p-value** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| follow\_prescription | 55 (85%) | 46 (87%) | 0.7382 | 44 (88%) | 33 (87%) | 24 (80%) | 0.565 | 46 (98%) | 10 (59%) | 42 (89%) | 3 (43%) | **0.000\*\*\*** | 38 (75%) | 52 (96%) | 11 (85%) | **0.003\*\*** | 80 (84%) | 5 (100%) | 1 (100%) | 15 (88%) | 1.0003 |
| check\_expiry | 59 (91%) | 47 (90%) | 1.0003 | 46 (94%) | 35 (92%) | 25 (83%) | 0.338 | 46 (100%) | 11 (65%) | 46 (98%) | 3 (43%) | **0.000\*\*\*** | 41 (82%) | 53 (98%) | 12 (92%) | **0.012\*** | 85 (89%) | 5 (100%) | 1 (100%) | 15 (94%) | 1.000 |
| increase\_dosage | 22 (34%) | 14 (26%) | 0.3833 | 15 (30%) | 9 (24%) | 12 (40%) | 0.3472 | 13 (28%) | 4 (24%) | 16 (34%) | 3 (43%) | 0.703 | 15 (29%) | 17 (31%) | 4 (31%) | 0.959 | 25 (26%) | 3 (60%) | 0 (0%) | 8 (47%) | 0.114 |
| improvement\_stop | 18 (28%) | 6 (11%) | **0.028\*** | 11 (22%) | 4 (11%) | 9 (30%) | 0.1313 | 9 (19%) | 3 (18%) | 7 (15%) | 5 (71%) | **0.016\*** | 14 (27%) | 6 (11%) | 4 (31%) | 0.0532 | 22 (23%) | 1 (20%) | 0 (0%) | 1 (5.9%) | 0.415 |
| misuse\_amr |  |  | 0.821 |  |  |  | 0.5613 |  |  |  |  | **0.002\*\*** |  |  |  | 0.498 |  |  |  |  | 0.237 |
| No | 2 (3.1%) | 1 (1.9%) |  | 1 (2.0%) | 1 (2.6%) | 1 (3.3%) |  | 1 (2.1%) | 0 (0%) | 1 (2.1%) | 1 (14%) |  | 3 (5.9%) | 0 (0%) | 0 (0%) |  | 3 (3.2%) | 0 (0%) | 0 (0%) | 0 (0%) |  |
| I don't know | 22 (34%) | 21 (40%) |  | 15 (30%) | 14 (37%) | 14 (47%) |  | 8 (17%) | 9 (53%) | 22 (47%) | 4 (57%) |  | 19 (37%) | 20 (37%) | 4 (31%) |  | 31 (33%) | 4 (80%) | 1 (100%) | 7 (41%) |  |
| Yes | 41 (63%) | 31 (58%) |  | 34 (68%) | 23 (61%) | 15 (50%) |  | 38 (81%) | 8 (47%) | 24 (51%) | 2 (29%) |  | 29 (57%) | 34 (63%) | 9 (69%) |  | 61 (64%) | 1 (20%) | 0 (0%) | 10 (59%) |  |
| training\_usage | 18 (28%) | 19 (36%) | 0.3422 | 15 (30%) | 17 (45%) | 5 (17%) | **0.045\*** | 18 (38%) | 1 (5.9%) | 18 (38%) | 0 (0%) | **0.011\*3** | 9 (18%) | 24 (44%) | 4 (31%) | **0.012\*** | 33 (35%) | 1 (20%) | 1 (100%) | 2 (12%) | 0.084 |
| consult\_veterinan |  |  | **0.021\*** |  |  |  | 0.421 |  |  |  |  | 0.0553 |  |  |  | 0.878 |  |  |  |  | 0.127 |
| Yes | 62 (95%) | 43 (81%) |  | 46 (92%) | 34 (89%) | 25 (83%) |  | 43 (91%) | 12 (71%) | 44 (94%) | 6 (86%) |  | 44 (86%) | 49 (91%) | 12 (92%) |  | 87 (92%) | 3 (60%) | 1 (100%) | 14 (82%) |  |
| I don't know | 3 (4.6%) | 9 (17%) |  | 3 (6.0%) | 4 (11%) | 5 (17%) |  | 4 (8.5%) | 5 (29%) | 2 (4.3%) | 1 (14%) |  | 6 (12%) | 5 (9.3%) | 1 (7.7%) |  | 7 (7.4%) | 2 (40%) | 0 (0%) | 3 (18%) |  |
| No | 0 (0%) | 1 (1.9%) |  | 1 (2.0%) | 0 (0%) | 0 (0%) |  | 0 (0%) | 0 (0%) | 1 (2.1%) | 0 (0%) |  | 1 (2.0%) | 0 (0%) | 0 (0%) |  | 1 (1.1%) | 0 (0%) | 0 (0%) | 0 (0%) |  |
| amr\_is\_problem |  |  | 0.108 |  |  |  | 0.221 |  |  |  |  | **0.046\*** |  |  |  | 0.3423 |  |  |  |  | 0.094 |
| Yes | 39 (60%) | 28 (53%) |  | 31 (62%) | 23 (61%) | 13 (43%) |  | 35 (74%) | 7 (41%) | 22 (47%) | 3 (43%) |  | 27 (53%) | 32 (59%) | 8 (62%) |  | 59 (62%) | 1 (20%) | 1 (100%) | 6 (35%) |  |
| I don't Know | 22 (34%) | 25 (47%) |  | 17 (34%) | 13 (34%) | 17 (57%) |  | 11 (23%) | 9 (53%) | 23 (49%) | 4 (57%) |  | 20 (39%) | 22 (41%) | 5 (38%) |  | 33 (35%) | 4 (80%) | 0 (0%) | 10 (59%) |  |
| No | 4 (6.2%) | 0 (0%) |  | 2 (4.0%) | 2 (5.3%) | 0 (0%) |  | 1 (2.1%) | 1 (5.9%) | 2 (4.3%) | 0 (0%) |  | 4 (7.8%) | 0 (0%) | 0 (0%) |  | 3 (3.2%) | 0 (0%) | 0 (0%) | 1 (5.9%) |  |
| regulations | 35 (54%) | 17 (32%) | **0.018\*** | 24 (48%) | 18 (47%) | 10 (33%) | 0.3902 | 26 (55%) | 7 (41%) | 18 (38%) | 1 (14%) | 0.143 | 24 (47%) | 23 (43%) | 5 (38%) | 0.8193 | 46 (48%) | 1 (20%) | 0 (0%) | 5 (29%) | 0.243 |
| withdraw | 41 (63%) | 36 (68%) | 0.582 | 31 (62%) | 28 (74%) | 18 (60%) | 0.409 | 37 (79%) | 11 (65%) | 28 (60%) | 1 (14%) | **0.006\*\*** | 30 (59%) | 39 (72%) | 8 (62%) | 0.3712 | 65 (68%) | 1 (20%) | 1 (100%) | 10 (59%) | 0.0953 |
| 1n (%) | | | | | | | | | | | | | | | | | | | | | |
| 2Pearson's Chi-squared test | | | | | | | | | | | | | | | | | | | | | |
| 3Fisher's exact test | | | | | | | | | | | | | | | | | | | | | |