Antibiotics are drugs like penicillin that are used to fight or prevent bacterial infection. In the past 4 weeks, have you taken any antibiotics?

(Weighted Column Percents)

| | | | | Age Groups | | | | | | | |
|--------|-----|-------|-------|------------|-------|-------|-------|------|--|--|--|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | | | |
| Yes | | 9.8 | 13.4 | 7.4 | 11.3 | 9.1 | 8.8 | 9.2 | | | |
| No | | 90.2 | 86.6 | 92.6 | 88.7 | 90.9 | 91.2 | 90.8 | | | |
| Male | Yes | 7.8 | 3.9 | 6.0 | 9.4 | 7.2 | 7.6 | 12.7 | | | |
| | No | 92.2 | 96.1 | 94.0 | 90.6 | 92.8 | 92.4 | 87.3 | | | |
| Female | Yes | 11.6 | 22.8 | 8.9 | 13.1 | 10.9 | 10.0 | 6.5 | | | |
| | No | 88.4 | 77.2 | 91.1 | 86.9 | 89.1 | 90.0 | 93.5 | | | |

Denominator is:

Antibiotics are drugs like penicillin that are used to fight or prevent bacterial infection. In the past 4 weeks, have you taken any antibiotics?

(Unweighted Frequencies)

| | | | | | Age C | roups | | |
|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 2,004 | 165 | 370 | 363 | 410 | 315 | 381 |
| Yes | | 206 | 21 | 35 | 46 | 38 | 33 | 33 |
| No | | 1,792 | 144 | 334 | 315 | 372 | 282 | 345 |
| Don't know/Not sure | 3 | | | 2 | | | 1 | |
| Refused | | 3 | | 1 | | | | 2 |
| Male | Total | 811 | 71 | 162 | 141 | 181 | 115 | 141 |
| | Yes | 68 | 4 | 12 | 13 | 13 | 9 | 17 |
| | No | 740 | 67 | 150 | 126 | 168 | 106 | 123 |
| | Don't know/Not sure | 2 | | | 2 | | | |
| | Refused | 1 | | | | | | 1 |
| Female | Total | 1,193 | 94 | 208 | 222 | 229 | 200 | 240 |
| | Yes | 138 | 17 | 23 | 33 | 25 | 24 | 16 |
| | No | 1,052 | 77 | 184 | 189 | 204 | 176 | 222 |
| | Don't know/Not sure | 1 | | | | | | 1 |
| | Refused | 2 | | 1 | | | | 1 |

Denominator is:

How much do you agree/disagree with the following statement?: I will be sick for a longer time if I don't receive an antibiotic for cough, cold, or flu symptoms.

(Weighted Column Percents)

| | | | | | Age G | roups | | |
|-------------------|-------------------|-------|-------|-------|-------|-------|-------|------|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Strongly agree | | 11.4 | 13.5 | 10.0 | 10.2 | 11.0 | 10.3 | 14.1 |
| Agree somewhat | | 17.4 | 17.1 | 16.5 | 17.2 | 16.7 | 17.5 | 19.6 |
| Unsure | | 13.2 | 18.4 | 12.6 | 13.5 | 8.2 | 13.3 | 15.5 |
| Disagree somewhat | | 23.8 | 27.2 | 26.7 | 22.6 | 24.1 | 22.3 | 20.1 |
| Strongly disagree | | 34.2 | 23.9 | 34.3 | 36.4 | 39.9 | 36.7 | 30.7 |
| Male | Strongly agree | 13.5 | 15.0 | 9.7 | 13.5 | 14.7 | 6.4 | 21.6 |
| | Agree somewhat | 19.6 | 16.5 | 18.7 | 18.3 | 19.6 | 23.3 | 22.3 |
| | Unsure | 13.9 | 20.5 | 12.4 | 16.1 | 9.0 | 14.1 | 13.3 |
| | Disagree somewhat | 23.1 | 31.1 | 26.1 | 21.1 | 19.4 | 24.8 | 18.5 |
| | Strongly disagree | 29.9 | 16.9 | 33.1 | 31.0 | 37.3 | 31.5 | 24.3 |
| Female | Strongly agree | 9.4 | 11.9 | 10.3 | 7.1 | 7.3 | 13.9 | 8.0 |
| | Agree somewhat | 15.3 | 17.6 | 14.1 | 16.3 | 13.8 | 12.0 | 17.5 |
| | Unsure | 12.6 | 16.4 | 12.7 | 11.1 | 7.5 | 12.6 | 17.2 |
| | Disagree somewhat | 24.5 | 23.4 | 27.3 | 24.1 | 28.9 | 20.0 | 21.3 |
| | Strongly disagree | 38.3 | 30.7 | 35.6 | 41.4 | 42.5 | 41.5 | 35.9 |

Denominator is:

How much do you agree/disagree with the following statement?: I will be sick for a longer time if I don't receive an antibiotic for cough, cold, or flu symptoms.

(Unweighted Frequencies)

| | | | | | Age G | roups | | |
|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 1,998 | 165 | 369 | 361 | 409 | 314 | 380 |
| Strongly agree | | 206 | 19 | 34 | 33 | 38 | 35 | 47 |
| Agree somewhat | | 317 | 30 | 59 | 58 | 61 | 43 | 66 |
| Unsure | | 254 | 28 | 49 | 47 | 36 | 41 | 53 |
| Disagree somewhat | 463 | 43 | 98 | 83 | 100 | 70 | 69 | |
| Strongly disagree | 702 | 43 | 121 | 135 | 171 | 116 | 116 | |
| Don't know/Not sure | | 50 | 2 | 6 | 4 | 2 | 9 | 27 |
| Refused | | 6 | | 2 | 1 | 1 | | 2 |
| Male | Total | 811 | 71 | 162 | 141 | 181 | 115 | 141 |
| | Strongly agree | 98 | 11 | 14 | 15 | 21 | 9 | 28 |
| | Agree somewhat | 159 | 12 | 31 | 27 | 35 | 24 | 30 |
| | Unsure | 105 | 13 | 21 | 23 | 17 | 15 | 16 |
| | Disagree somewhat | 177 | 21 | 44 | 28 | 33 | 27 | 24 |
| | Strongly disagree | 250 | 13 | 50 | 46 | 73 | 33 | 35 |
| | Don't know/Not sure | 19 | 1 | 1 | 2 | 1 | 7 | 7 |
| | Refused | 3 | | 1 | | 1 | | 1 |
| Female | Total | 1,187 | 94 | 207 | 220 | 228 | 199 | 239 |
| | Strongly agree | 108 | 8 | 20 | 18 | 17 | 26 | 19 |
| | Agree somewhat | 158 | 18 | 28 | 31 | 26 | 19 | 36 |
| | Unsure | 149 | 15 | 28 | 24 | 19 | 26 | 37 |
| | Disagree somewhat | 286 | 22 | 54 | 55 | 67 | 43 | 45 |
| | Strongly disagree | 452 | 30 | 71 | 89 | 98 | 83 | 81 |
| | Don't know/Not sure | 31 | 1 | 5 | 2 | 1 | 2 | 20 |
| | Refused | 3 | | 1 | 1 | | | 1 |

Denominator is:

How much do you agree/disagree with the following statement?: By the time I am sick enough to talk to or visit a doctor because of a cold, I usually expect a prescription for antibiotics.

(Weighted Column Percents)

| | | | | | Age G | roups | | |
|-------------------|-------------------|-------|-------|-------|-------|-------|-------|------|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Strongly agree | | 17.1 | 18.4 | 18.4 | 18.1 | 16.1 | 16.2 | 15.0 |
| Agree somewhat | | 22.1 | 24.3 | 26.7 | 20.3 | 20.5 | 19.9 | 21.1 |
| Unsure | | 8.0 | 8.5 | 7.7 | 7.6 | 7.4 | 8.5 | 8.8 |
| Disagree somewhat | | 19.5 | 22.0 | 18.1 | 20.3 | 20.9 | 17.8 | 17.7 |
| Strongly disagree | | 33.3 | 26.9 | 29.2 | 33.7 | 35.1 | 37.6 | 37.4 |
| Male | Strongly agree | 16.4 | 20.2 | 18.5 | 16.2 | 13.9 | 10.5 | 19.3 |
| | Agree somewhat | 25.0 | 25.5 | 30.1 | 21.5 | 23.0 | 23.2 | 26.8 |
| | Unsure | 8.7 | 7.8 | 7.1 | 9.7 | 8.3 | 11.5 | 8.3 |
| | Disagree somewhat | 19.9 | 21.6 | 16.4 | 25.4 | 20.1 | 19.3 | 15.2 |
| | Strongly disagree | 30.0 | 24.9 | 27.9 | 27.1 | 34.6 | 35.6 | 30.5 |
| Female | Strongly agree | 17.6 | 16.7 | 18.3 | 19.8 | 18.2 | 21.6 | 11.9 |
| | Agree somewhat | 19.4 | 23.0 | 23.1 | 19.1 | 17.9 | 16.8 | 16.9 |
| | Unsure | 7.4 | 9.1 | 8.3 | 5.6 | 6.5 | 5.7 | 9.3 |
| | Disagree somewhat | 19.2 | 22.3 | 19.8 | 15.5 | 21.7 | 16.5 | 19.6 |
| | Strongly disagree | 36.4 | 28.9 | 30.5 | 40.0 | 35.6 | 39.4 | 42.4 |

Denominator is:

How much do you agree/disagree with the following statement?: By the time I am sick enough to talk to or visit a doctor because of a cold, I usually expect a prescription for antibiotics.

(Unweighted Frequencies)

| | | | | | Age G | roups | | |
|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 1,996 | 165 | 369 | 361 | 409 | 313 | 379 |
| Strongly agree | | 317 | 29 | 67 | 63 | 61 | 47 | 50 |
| Agree somewhat | | 415 | 44 | 92 | 69 | 83 | 57 | 70 |
| Unsure | | 155 | 16 | 29 | 24 | 31 | 22 | 33 |
| Disagree somewhat | | 368 | 35 | 70 | 73 | 82 | 52 | 56 |
| Strongly disagree | | 668 | 41 | 104 | 124 | 147 | 117 | 135 |
| Don't know/Not sure | | 63 | | 6 | 6 | 5 | 15 | 31 |
| Refused | | 10 | | 1 | 2 | | 3 | 4 |
| Male | Total | 809 | 71 | 162 | 141 | 181 | 114 | 140 |
| | Strongly agree | 122 | 15 | 30 | 20 | 23 | 12 | 22 |
| | Agree somewhat | 193 | 20 | 48 | 30 | 38 | 24 | 33 |
| | Unsure | 67 | 6 | 13 | 12 | 14 | 11 | 11 |
| | Disagree somewhat | 149 | 13 | 27 | 36 | 35 | 20 | 18 |
| | Strongly disagree | 242 | 17 | 41 | 40 | 68 | 37 | 39 |
| | Don't know/Not sure | 33 | | 3 | 3 | 3 | 9 | 15 |
| | Refused | 3 | | | | | 1 | 2 |
| Female | Total | 1,187 | 94 | 207 | 220 | 228 | 199 | 239 |
| | Strongly agree | 195 | 14 | 37 | 43 | 38 | 35 | 28 |
| | Agree somewhat | 222 | 24 | 44 | 39 | 45 | 33 | 37 |
| | Unsure | 88 | 10 | 16 | 12 | 17 | 11 | 22 |
| | Disagree somewhat | 219 | 22 | 43 | 37 | 47 | 32 | 38 |
| | Strongly disagree | 426 | 24 | 63 | 84 | 79 | 80 | 96 |
| | Don't know/Not sure | 30 | | 3 | 3 | 2 | 6 | 16 |
| | Refused | 7 | | 1 | 2 | | 2 | 2 |

Denominator is:

How often are antibiotics needed for a sore throat?

(Weighted Column Percents)

| | | | | | Age Gr | roups | | |
|---------------|---------------|-------|-------|-------|--------|-------|-------|------|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Always | | 1.3 | .6 | 1.4 | 1.6 | .9 | 1.5 | 1.8 |
| Almost always | | 5.1 | 5.7 | 4.9 | 3.0 | 3.3 | 7.8 | 7.9 |
| Sometimes | | 44.7 | 40.5 | 41.7 | 48.0 | 48.4 | 50.1 | 38.3 |
| Almost never | | 32.8 | 32.5 | 34.8 | 32.0 | 31.0 | 29.8 | 36.4 |
| Never | | 16.1 | 20.6 | 17.3 | 15.4 | 16.4 | 10.7 | 15.7 |
| Male | Always | 1.0 | 1.3 | 1.8 | | .8 | | 1.9 |
| | Almost always | 5.0 | 4.6 | 4.0 | 1.7 | 4.1 | 9.1 | 9.0 |
| | Sometimes | 41.2 | 42.3 | 40.4 | 44.6 | 42.6 | 42.2 | 33.7 |
| | Almost never | 34.0 | 30.9 | 34.2 | 33.9 | 32.4 | 36.2 | 37.3 |
| | Never | 18.9 | 20.9 | 19.6 | 19.9 | 20.1 | 12.5 | 18.1 |
| Female | Always | 1.6 | | .9 | 3.2 | 1.0 | 2.9 | 1.7 |
| | Almost always | 5.3 | 6.9 | 5.8 | 4.2 | 2.6 | 6.7 | 7.0 |
| | Sometimes | 48.0 | 38.8 | 43.0 | 51.3 | 54.2 | 57.3 | 42.0 |
| | Almost never | 31.7 | 34.1 | 35.5 | 30.2 | 29.6 | 24.1 | 35.7 |
| | Never | 13.4 | 20.2 | 14.7 | 11.1 | 12.7 | 9.1 | 13.8 |

How often are antibiotics needed for a sore throat?

(Unweighted Frequencies)

| | | | | | Age G | roups | | |
|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 1,993 | 164 | 368 | 360 | 409 | 313 | 379 |
| Always | | 27 | 2 | 5 | 4 | 3 | 6 | 7 |
| Almost always | | 98 | 9 | 19 | 12 | 13 | 20 | 25 |
| Sometimes | | 845 | 69 | 142 | 172 | 182 | 145 | 135 |
| Almost never | | 631 | 49 | 133 | 111 | 132 | 87 | 119 |
| Never | | 300 | 28 | 58 | 53 | 66 | 36 | 59 |
| Don't know/Not sure | | 84 | 6 | 9 | 7 | 13 | 17 | 32 |
| Refused | | 8 | 1 | 2 | 1 | | 2 | 2 |
| Male | Total | 808 | 70 | 162 | 141 | 181 | 114 | 140 |
| | Always | 9 | 2 | 3 | | 1 | | 3 |
| | Almost always | 39 | 3 | 8 | 2 | 7 | 9 | 10 |
| | Sometimes | 307 | 30 | 61 | 61 | 69 | 42 | 44 |
| | Almost never | 268 | 19 | 56 | 49 | 58 | 39 | 47 |
| | Never | 146 | 14 | 29 | 26 | 38 | 13 | 26 |
| | Don't know/Not sure | 36 | 2 | 4 | 3 | 8 | 9 | 10 |
| | Refused | 3 | | 1 | | | 2 | |
| Female | Total | 1,185 | 94 | 206 | 219 | 228 | 199 | 239 |
| | Always | 18 | | 2 | 4 | 2 | 6 | 4 |
| | Almost always | 59 | 6 | 11 | 10 | 6 | 11 | 15 |
| | Sometimes | 538 | 39 | 81 | 111 | 113 | 103 | 91 |
| | Almost never | 363 | 30 | 77 | 62 | 74 | 48 | 72 |
| | Never | 154 | 14 | 29 | 27 | 28 | 23 | 33 |
| | Don't know/Not sure | 48 | 4 | 5 | 4 | 5 | 8 | 22 |
| | Refused | 5 | 1 | 1 | 1 | | | 2 |

How often are antibiotics needed for a cold?

(Weighted Column Percents)

| | | | | | Age G | roups | | |
|---------------|---------------|-------|-------|-------|-------|-------|-------|------|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Always | | .9 | 2.2 | .9 | | .5 | 1.5 | .9 |
| Almost always | } | 2.9 | 4.8 | 2.8 | 3.1 | 2.4 | 1.4 | 2.7 |
| Sometimes | | 21.3 | 30.3 | 25.3 | 20.0 | 14.4 | 17.5 | 22.5 |
| Almost never | | 27.8 | 30.4 | 31.1 | 26.1 | 26.9 | 24.6 | 28.0 |
| Never | | 47.1 | 32.3 | 39.9 | 50.8 | 55.8 | 55.0 | 45.9 |
| Male | Always | .7 | .7 | 1.7 | | | 1.0 | .9 |
| | Almost always | 3.7 | 4.0 | 4.3 | 1.8 | 4.9 | 2.5 | 4.5 |
| | Sometimes | 22.7 | 32.9 | 25.6 | 20.1 | 16.5 | 15.4 | 27.7 |
| | Almost never | 29.5 | 36.5 | 32.8 | 28.3 | 26.3 | 26.8 | 26.8 |
| | Never | 43.5 | 26.0 | 35.5 | 49.8 | 52.3 | 54.3 | 40.2 |
| Female | Always | 1.1 | 3.7 | | | 1.0 | 2.0 | 1.0 |
| | Almost always | 2.1 | 5.6 | 1.1 | 4.4 | | .4 | 1.3 |
| | Sometimes | 20.0 | 27.8 | 25.1 | 19.8 | 12.4 | 19.3 | 18.5 |
| | Almost never | 26.3 | 24.4 | 29.2 | 24.0 | 27.4 | 22.7 | 28.9 |
| | Never | 50.5 | 38.5 | 44.6 | 51.7 | 59.3 | 55.6 | 50.4 |

How often are antibiotics needed for a cold?

(Unweighted Frequencies)

| | | | | | Age G | roups | | |
|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 1,991 | 164 | 368 | 360 | 409 | 313 | 377 |
| Always | | 18 | 4 | 3 | | 2 | 5 | 4 |
| Almost always | | 45 | 8 | 10 | 9 | 5 | 4 | 9 |
| Sometimes | | 382 | 49 | 88 | 66 | 51 | 48 | 80 |
| Almost never | | 528 | 51 | 110 | 87 | 113 | 76 | 91 |
| Never | | 967 | 49 | 150 | 192 | 230 | 171 | 175 |
| Don't know/Not sure | | 45 | 2 | 5 | 4 | 7 | 9 | 18 |
| Refused | | 6 | 1 | 2 | 2 | 1 | | |
| Male | Total | 808 | 70 | 162 | 141 | 181 | 114 | 140 |
| | Always | 6 | 1 | 3 | | | 1 | 1 |
| | Almost always | 26 | 3 | 7 | 2 | 5 | 3 | 6 |
| | Sometimes | 172 | 22 | 42 | 26 | 27 | 18 | 37 |
| | Almost never | 226 | 26 | 51 | 39 | 48 | 28 | 34 |
| | Never | 353 | 17 | 55 | 71 | 96 | 59 | 55 |
| | Don't know/Not sure | 22 | 1 | 3 | 2 | 4 | 5 | 7 |
| | Refused | 3 | | 1 | 1 | 1 | | |
| Female | Total | 1,183 | 94 | 206 | 219 | 228 | 199 | 237 |
| | Always | 12 | 3 | | | 2 | 4 | 3 |
| | Almost always | 19 | 5 | 3 | 7 | | 1 | 3 |
| | Sometimes | 210 | 27 | 46 | 40 | 24 | 30 | 43 |
| | Almost never | 302 | 25 | 59 | 48 | 65 | 48 | 57 |
| | Never | 614 | 32 | 95 | 121 | 134 | 112 | 120 |
| | Don't know/Not sure | 23 | 1 | 2 | 2 | 3 | 4 | 11 |
| | Refused | 3 | 1 | 1 | 1 | | | |

How often are antibiotics needed for a cough without fever?

(Weighted Column Percents)

| | | | | | Age Gı | roups | | |
|---------------|---------------|-------|-------|-------|--------|-------|-------|------|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Always | | .8 | 1.1 | 1.4 | .3 | .3 | 1.5 | .6 |
| Almost always | | 2.9 | 6.2 | 2.9 | 3.6 | 1.1 | | 3.5 |
| Sometimes | | 21.3 | 24.2 | 24.4 | 18.7 | 20.5 | 19.7 | 21.1 |
| Almost never | | 31.0 | 30.4 | 33.1 | 31.5 | 31.7 | 28.3 | 30.0 |
| Never | | 44.0 | 38.0 | 38.1 | 46.0 | 46.4 | 50.5 | 44.8 |
| Male | Always | .4 | .5 | 1.2 | | | | .9 |
| | Almost always | 4.3 | 6.5 | 4.1 | 6.6 | 2.0 | | 6.4 |
| | Sometimes | 21.2 | 25.3 | 24.4 | 16.8 | 21.7 | 17.1 | 21.8 |
| | Almost never | 30.5 | 28.6 | 33.6 | 29.0 | 30.6 | 34.3 | 26.8 |
| | Never | 43.6 | 39.1 | 36.7 | 47.6 | 45.8 | 48.6 | 44.2 |
| Female | Always | 1.2 | 1.7 | 1.6 | .6 | .6 | 2.8 | .3 |
| | Almost always | 1.5 | 6.0 | 1.6 | .6 | .2 | | 1.2 |
| | Sometimes | 21.5 | 23.1 | 24.5 | 20.5 | 19.3 | 22.1 | 20.6 |
| | Almost never | 31.6 | 32.3 | 32.6 | 33.8 | 32.8 | 22.9 | 32.5 |
| | Never | 44.3 | 36.9 | 39.7 | 44.4 | 47.0 | 52.2 | 45.3 |

How often are antibiotics needed for a cough without fever?

(Unweighted Frequencies)

| | | | | | Age G | roups | | |
|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 1,989 | 164 | 368 | 360 | 409 | 312 | 376 |
| Always | | 19 | 3 | 5 | 2 | 2 | 5 | 2 |
| Almost always | | 37 | 9 | 6 | 8 | 4 | | 10 |
| Sometimes | | 386 | 40 | 85 | 65 | 69 | 56 | 71 |
| Almost never | | 598 | 53 | 126 | 110 | 132 | 81 | 96 |
| Never | | 858 | 56 | 134 | 164 | 189 | 153 | 162 |
| Don't know/Not sure | | 84 | 2 | 10 | 10 | 12 | 17 | 33 |
| Refused | | 7 | 1 | 2 | 1 | 1 | | 2 |
| Male | Total | 807 | 70 | 162 | 141 | 181 | 114 | 139 |
| | Always | 4 | 1 | 2 | | | | 1 |
| | Almost always | 24 | 4 | 3 | 6 | 3 | | 8 |
| | Sometimes | 156 | 18 | 38 | 21 | 33 | 18 | 28 |
| | Almost never | 241 | 20 | 56 | 44 | 51 | 36 | 34 |
| | Never | 342 | 26 | 56 | 66 | 86 | 49 | 59 |
| | Don't know/Not sure | 38 | 1 | 6 | 4 | 7 | 11 | 9 |
| | Refused | 2 | | 1 | | 1 | | |
| Female | Total | 1,182 | 94 | 206 | 219 | 228 | 198 | 237 |
| | Always | 15 | 2 | 3 | 2 | 2 | 5 | 1 |
| | Almost always | 13 | 5 | 3 | 2 | 1 | | 2 |
| | Sometimes | 230 | 22 | 47 | 44 | 36 | 38 | 43 |
| | Almost never | 357 | 33 | 70 | 66 | 81 | 45 | 62 |
| | Never | 516 | 30 | 78 | 98 | 103 | 104 | 103 |
| | Don't know/Not sure | 46 | 1 | 4 | 6 | 5 | 6 | 24 |
| | Refused | 5 | 1 | 1 | 1 | | | 2 |

Oregon BRFSS 2002

How often are antibiotics needed for a runny nose with yellow or green mucous?

(Weighted Column Percents)

| | | | | | Age G | roups | | |
|---------------|---------------|-------|-------|-------|-------|-------|-------|------|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Always | | 8.9 | 7.8 | 8.8 | 7.4 | 10.9 | 9.8 | 8.4 |
| Almost always | | 17.0 | 17.7 | 14.7 | 19.6 | 15.9 | 21.3 | 14.0 |
| Sometimes | | 43.6 | 42.3 | 43.3 | 46.1 | 45.1 | 41.2 | 41.7 |
| Almost never | | 15.2 | 11.9 | 20.8 | 10.0 | 16.1 | 13.5 | 18.0 |
| Never | | 15.4 | 20.3 | 12.5 | 16.8 | 12.1 | 14.3 | 17.8 |
| Male | Always | 7.2 | 7.2 | 5.7 | 2.3 | 11.7 | 6.6 | 10.0 |
| | Almost always | 14.3 | 19.8 | 12.6 | 16.5 | 10.7 | 16.3 | 12.0 |
| | Sometimes | 40.2 | 36.3 | 44.9 | 44.4 | 38.8 | 40.8 | 33.3 |
| | Almost never | 17.9 | 11.8 | 23.0 | 12.2 | 20.8 | 17.0 | 21.6 |
| | Never | 20.4 | 24.8 | 13.8 | 24.6 | 18.0 | 19.3 | 23.1 |
| Female | Always | 10.5 | 8.4 | 12.1 | 12.3 | 10.2 | 12.5 | 7.2 |
| | Almost always | 19.5 | 15.6 | 16.9 | 22.5 | 20.9 | 25.6 | 15.6 |
| | Sometimes | 46.8 | 48.2 | 41.6 | 47.8 | 51.1 | 41.5 | 48.4 |
| | Almost never | 12.5 | 12.0 | 18.5 | 7.9 | 11.4 | 10.6 | 15.1 |
| | Never | 10.7 | 15.8 | 11.0 | 9.4 | 6.3 | 9.9 | 13.7 |

Oregon BRFSS 2002

How often are antibiotics needed for a runny nose with yellow or green mucous?

(Unweighted Frequencies)

| | | | | | Age G | Age Groups | | | | |
|---------------------|---------------------|-------|-------|-------|-------|------------|-------|-----|--|--|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | | |
| Total | | 1,988 | 164 | 367 | 360 | 409 | 312 | 376 | | |
| Always | | 174 | 14 | 30 | 29 | 41 | 33 | 27 | | |
| Almost always | | 307 | 26 | 49 | 68 | 63 | 54 | 47 | | |
| Sometimes | | 809 | 66 | 159 | 154 | 176 | 116 | 138 | | |
| Almost never | | 293 | 22 | 74 | 38 | 63 | 39 | 57 | | |
| Never | | 275 | 24 | 39 | 56 | 50 | 41 | 65 | | |
| Don't know/Not sure | | 122 | 11 | 14 | 13 | 15 | 29 | 40 | | |
| Refused | | 8 | 1 | 2 | 2 | 1 | | 2 | | |
| Male | Total | 806 | 70 | 161 | 141 | 181 | 114 | 139 | | |
| | Always | 49 | 6 | 8 | 2 | 17 | 7 | 9 | | |
| | Almost always | 96 | 12 | 15 | 20 | 17 | 16 | 16 | | |
| | Sometimes | 303 | 26 | 74 | 60 | 64 | 36 | 43 | | |
| | Almost never | 144 | 9 | 37 | 20 | 35 | 17 | 26 | | |
| | Never | 152 | 13 | 19 | 33 | 36 | 20 | 31 | | |
| | Don't know/Not sure | 60 | 4 | 7 | 6 | 11 | 18 | 14 | | |
| | Refused | 2 | | 1 | | 1 | | | | |
| Female | Total | 1,182 | 94 | 206 | 219 | 228 | 198 | 237 | | |
| | Always | 125 | 8 | 22 | 27 | 24 | 26 | 18 | | |
| | Almost always | 211 | 14 | 34 | 48 | 46 | 38 | 31 | | |
| | Sometimes | 506 | 40 | 85 | 94 | 112 | 80 | 95 | | |
| | Almost never | 149 | 13 | 37 | 18 | 28 | 22 | 31 | | |
| | Never | 123 | 11 | 20 | 23 | 14 | 21 | 34 | | |
| | Don't know/Not sure | 62 | 7 | 7 | 7 | 4 | 11 | 26 | | |
| | Refused | 6 | 1 | 1 | 2 | | | 2 | | |

Oregon BRFSS 2002

Are you aware of any health dangers to yourself or other people associated with taking antibiotics?

(Weighted Column Percents)

| | | | | Age Groups | | | | | | |
|--------|-----|-------|-------|------------|-------|-------|-------|------|--|--|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | | |
| Yes | | 44.2 | 28.4 | 46.0 | 45.1 | 55.2 | 53.9 | 33.4 | | |
| No | | 55.8 | 71.6 | 54.0 | 54.9 | 44.8 | 46.1 | 66.6 | | |
| Male | Yes | 39.9 | 20.8 | 47.2 | 40.7 | 46.9 | 47.9 | 30.6 | | |
| | No | 60.1 | 79.2 | 52.8 | 59.3 | 53.1 | 52.1 | 69.4 | | |
| Female | Yes | 48.4 | 36.0 | 44.7 | 49.3 | 63.5 | 59.8 | 35.6 | | |
| | No | 51.6 | 64.0 | 55.3 | 50.7 | 36.5 | 40.2 | 64.4 | | |

Denominator is:

All survey respondents.

Are you aware of any health dangers to yourself or other people associated with taking antibiotics?

(Unweighted Frequencies)

| | | | | | Age G | roups | | |
|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 1,987 | 163 | 367 | 360 | 409 | 312 | 376 |
| Yes | | 899 | 50 | 161 | 163 | 229 | 170 | 126 |
| No | | 1,036 | 109 | 194 | 188 | 169 | 136 | 240 |
| Don't know/Not sure | | 45 | 3 | 10 | 7 | 10 | 6 | 9 |
| Refused | | 7 | 1 | 2 | 2 | 1 | | 1 |
| Male | Total | 806 | 70 | 161 | 141 | 181 | 114 | 139 |
| | Yes | 324 | 16 | 71 | 59 | 85 | 53 | 40 |
| | No | 460 | 53 | 82 | 79 | 91 | 59 | 96 |
| | Don't know/Not sure | 20 | 1 | 7 | 2 | 5 | 2 | 3 |
| | Refused | 2 | | 1 | 1 | | | |
| Female | Total | 1,181 | 93 | 206 | 219 | 228 | 198 | 237 |
| | Yes | 575 | 34 | 90 | 104 | 144 | 117 | 86 |
| | No | 576 | 56 | 112 | 109 | 78 | 77 | 144 |
| | Don't know/Not sure | 25 | 2 | 3 | 5 | 5 | 4 | 6 |
| | Refused | 5 | 1 | 1 | 1 | 1 | | 1 |

Denominator is:

Could you tell me what you mean (i.e., by health dangers to yourself or other people associated with taking antibiotics)?

(Weighted Column Percents)

| | | | | | Age G | roups | | |
|----------------------|---|-------|-------|-------|-------|-------|-------|------|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Anything related to | emerging drug resistance | 50.1 | 50.4 | 45.6 | 53.9 | 50.7 | 53.3 | 45.0 |
| Allergies/reactions | to antibiotics | 29.1 | 22.0 | 26.0 | 24.0 | 31.9 | 29.1 | 41.1 |
| Antibiotics may kill | 'friendly/good' bacteria/flora | 9.1 | 2.8 | 10.4 | 11.2 | 9.6 | 9.0 | 6.9 |
| It's unhealthy to ta | ke drugs/chemicals in general | 3.1 | 8.5 | 4.1 | 4.3 | 1.8 | 1.4 | 1.0 |
| Other | | 8.6 | 16.2 | 13.9 | 6.7 | 6.0 | 7.2 | 6.1 |
| Male | Anything related to emerging drug resistance | 51.4 | 48.6 | 43.4 | 58.1 | 52.0 | 62.2 | 39.9 |
| | Allergies/reactions to antibiotics | 30.3 | 31.9 | 29.2 | 25.2 | 30.0 | 24.8 | 49.0 |
| | Antibiotics may kill 'friendly/good' bacteria/flora | 9.5 | 8.3 | 11.3 | 8.1 | 11.5 | 9.0 | 5.6 |
| | It's unhealthy to take drugs/chemicals in general | 4.2 | 11.1 | 6.0 | 6.3 | 3.1 | | 1.4 |
| | Other | 4.6 | | 10.1 | 2.3 | 3.4 | 4.0 | 4.2 |
| Female | Anything related to emerging drug resistance | 49.1 | 51.4 | 48.1 | 50.4 | 49.8 | 46.5 | 48.3 |
| | Allergies/reactions to antibiotics | 28.2 | 16.9 | 22.3 | 22.9 | 33.3 | 32.4 | 35.9 |
| | Antibiotics may kill 'friendly/good' bacteria/flora | 8.7 | | 9.3 | 13.8 | 8.2 | 9.0 | 7.7 |
| | It's unhealthy to take drugs/chemicals in general | 2.2 | 7.1 | 1.9 | 2.6 | .9 | 2.5 | .8 |
| | Other | 11.7 | 24.6 | 18.4 | 10.3 | 7.9 | 9.6 | 7.3 |

Denominator is:

Oregon BRFSS 2002

Could you tell me what you mean (i.e., by health dangers to yourself or other people associated with taking antibiotics)?

(Unweighted Frequencies)

| | | | | | Age G | roups | | |
|-----------------------|---|-------|-------|-------|-------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 899 | 50 | 161 | 163 | 229 | 170 | 126 |
| Anything related to | emerging drug resistance | 437 | 25 | 72 | 85 | 114 | 84 | 57 |
| Allergies/reactions | to antibiotics | 265 | 12 | 44 | 40 | 71 | 50 | 48 |
| Antibiotics may kill | 'friendly/good' bacteria/flora | 83 | 1 | 18 | 15 | 22 | 18 | 9 |
| It's unhealthy to tal | ke drugs/chemicals in general | 21 | 3 | 3 | 6 | 4 | 3 | 2 |
| Other | | 77 | 6 | 20 | 15 | 14 | 14 | 8 |
| Don't know/Not sur | re | 16 | 3 | 4 | 2 | 4 | 1 | 2 |
| Male | Total | 324 | 16 | 71 | 59 | 85 | 53 | 40 |
| | Anything related to emerging drug resistance | 168 | 8 | 32 | 36 | 43 | 32 | 17 |
| | Allergies/reactions to antibiotics | 95 | 5 | 23 | 14 | 24 | 12 | 17 |
| | Antibiotics may kill 'friendly/good' bacteria/flora | 33 | 1 | 9 | 4 | 11 | 6 | 2 |
| | It's unhealthy to take drugs/chemicals in general | 8 | 1 | 1 | 3 | 2 | | 1 |
| | Other | 14 | | 5 | 2 | 3 | 2 | 2 |
| | Don't know/Not sure | 6 | 1 | 1 | | 2 | 1 | 1 |
| Female | Total | 575 | 34 | 90 | 104 | 144 | 117 | 86 |
| | Anything related to emerging drug resistance | 269 | 17 | 40 | 49 | 71 | 52 | 40 |
| | Allergies/reactions to antibiotics | 170 | 7 | 21 | 26 | 47 | 38 | 31 |
| | Antibiotics may kill 'friendly/good' bacteria/flora | 50 | | 9 | 11 | 11 | 12 | 7 |
| | It's unhealthy to take drugs/chemicals in general | 13 | 2 | 2 | 3 | 2 | 3 | 1 |
| | Other | 63 | 6 | 15 | 13 | 11 | 12 | 6 |
| | Don't know/Not sure | 10 | 2 | 3 | 2 | 2 | | 1 |

Denominator is:

Could you tell me what you mean (i.e., by health dangers to yourself or other people associated with taking antibiotics)?

(Weighted Column Percents)

| | | | | | Age Gı | roups | | |
|------------------------|---|-------|-------|--------------------------------|--------|-------|--|------|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Anything related to | emerging drug resistance | 10.9 | | 9.7 | 12.6 | 14.7 | 10.3 | 10.0 |
| Allergies/reactions t | to antibiotics | 12.0 | 3.5 | 3.5 6.0 18.4 14.3 11.3 | | 11.9 | | |
| Antibiotics may kill ' | friendly/good' bacteria/flora | 7.9 | 4.3 | 12.5 | 6.3 | 8.2 | 9.8 | 3.1 |
| It's unhealthy to tak | e drugs/chemicals in general | 2.6 | 3.1 | 4.0 | 1.5 | 3.5 | 2.4 | .8 |
| Other | | 10.5 | 5.6 | 14.4 | 12.1 | 7.9 | 10.1 | 10.7 |
| Nothing else | | 56.1 | 83.6 | 53.4 | 49.1 | 51.4 | 56.1 | 63.5 |
| Male | Anything related to emerging drug resistance | 9.8 | | 7.2 | 15.5 | 15.4 | 5.8 | 4.4 |
| | Allergies/reactions to antibiotics | 7.5 | | 4.4 | 8.7 | 14.1 | 51.4 56.1 15.4 5.8 14.1 9.0 7.7 12.7 1.9 1.6 4.5 9.0 | |
| | Antibiotics may kill 'friendly/good' bacteria/flora | 7.6 | 4.4 | 7.8 | 6.8 | 7.7 | 12.7 | 2.9 |
| | It's unhealthy to take drugs/chemicals in general | 3.0 | 8.8 | 5.9 | 1.9 | 1.9 | 1.6 | |
| | Other | 10.9 | 5.9 | 15.6 | 16.5 | 4.5 | 9.0 | 10.9 |
| | Nothing else | 61.2 | 80.9 | 59.2 | 50.5 | 56.4 | 62.0 | 81.8 |
| Female | Anything related to emerging drug resistance | 11.8 | | 12.7 | 10.4 | 14.2 | 13.8 | 13.9 |
| | Allergies/reactions to antibiotics | 15.5 | 5.4 | 7.9 | 25.8 | 14.4 | 13.1 | 20.2 |
| | Antibiotics may kill 'friendly/good' bacteria/flora | 8.2 | 4.2 | 18.1 | 5.9 | 8.7 | 7.6 | 3.1 |
| | It's unhealthy to take drugs/chemicals in general | 2.3 | | 1.7 | 1.1 | 4.6 | 3.1 | 1.3 |
| | Other | 10.1 | 5.4 | 13.0 | 8.7 | 10.5 | 10.9 | 10.5 |
| | Nothing else | 52.1 | 85.0 | 46.6 | 48.0 | 47.6 | 51.5 | 50.8 |

Denominator is:

Oregon BRFSS 2002

Could you tell me what you mean (i.e., by health dangers to yourself or other people associated with taking antibiotics)?

(Unweighted Frequencies)

| | | | | | Age Gr | oups | | |
|-----------------------|---|-------|-------|-------|--------|-------|-------|-----|
| | | Total | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ |
| Total | | 883 | 47 | 157 | 161 | 225 | 169 | 124 |
| Anything related to | emerging drug resistance | 100 | | 19 | 17 | 31 | 19 | 14 |
| Allergies/reactions | to antibiotics | 100 | 2 | 10 | 27 | 29 | 18 | 14 |
| Antibiotics may kill | 'friendly/good' bacteria/flora | 70 | 4 | 19 | 11 | 17 | 15 | 4 |
| It's unhealthy to tak | e drugs/chemicals in general | 22 | 1 | 5 | 3 | 8 | 4 | 1 |
| Other | | 85 | 2 | 20 | 16 | 19 | 15 | 13 |
| Don't know/Not sure | e | 44 | 3 | 8 | 5 | 12 | 7 | 9 |
| Nothing else | | 457 | 35 | 75 | 81 | 109 | 89 | 68 |
| Refused | | 5 | | 1 | 1 | | 2 | 1 |
| Male | Total | 318 | 15 | 70 | 59 | 83 | 52 | 39 |
| | Anything related to emerging drug resistance | 34 | | 7 | 9 | 12 | 3 | 3 |
| | Allergies/reactions to antibiotics | 23 | | 3 | 5 | 11 | 4 | |
| | Antibiotics may kill 'friendly/good' bacteria/flora | 23 | 1 | 6 | 3 | 6 | 6 | 1 |
| | It's unhealthy to take drugs/chemicals in general | 8 | 1 | 3 | 1 | 2 | 1 | |
| | Other | 31 | 1 | 10 | 8 | 3 | 4 | 5 |
| | Don't know/Not sure | 15 | 1 | 3 | 3 | 3 | 3 | 2 |
| | Nothing else | 183 | 11 | 37 | 30 | 46 | 31 | 28 |
| | Refused | 1 | | 1 | | | | |
| Female | Total | 565 | 32 | 87 | 102 | 142 | 117 | 85 |
| | Anything related to emerging drug resistance | 66 | | 12 | 8 | 19 | 16 | 11 |
| | Allergies/reactions to antibiotics | 77 | 2 | 7 | 22 | 18 | 14 | 14 |
| | Antibiotics may kill 'friendly/good' bacteria/flora | 47 | 3 | 13 | 8 | 11 | 9 | 3 |
| | It's unhealthy to take drugs/chemicals in general | 14 | | 2 | 2 | 6 | 3 | 1 |
| | Other | 54 | 1 | 10 | 8 | 16 | 11 | 8 |
| | Don't know/Not sure | 29 | 2 | 5 | 2 | 9 | 4 | 7 |
| | Nothing else | 274 | 24 | 38 | 51 | 63 | 58 | 40 |
| | Refused | 4 | | | 1 | | 2 | 1 |

Denominator is: