

Angier Elementary Ventilation Summary

| Room | Ventilation Equipment Type | Minimum Fresh Air Required (CFM) ¹ | Measured Fresh Air (CFM) | Room Ventilation Status at 50% Occupancy | Room Ventilation Status at 100% Occupancy | Nominal Occupancy Supported by Measured Fresh Air | Notes |
|-----------------------|----------------------------|---|--------------------------|--|---|---|---|
| 101 - Library | AHU-5 | 592 | 703 | ● | ● | 102 | |
| 101A - Library | AHU-5 | 140 | 238 | ● | ● | 32 | |
| 101B - Workroom | AHU-5 | 35 | 220 | ● | ● | 41 | |
| 101C - Group | AHU-5 | 35 | 236 | ● | ● | 44 | |
| 102 - Classroom | AHU-5 | 551 | 709 | ● | ● | 57 | |
| 102A - Practice | AHU-5 | 25 | 51 | ● | ● | 3 | |
| 103 - Classroom | AHU-5 | 493 | 470 | ● | ● | 29 | Within margin of error of testing equipment |
| 107 - Office | RTU-1 | 14 | 48 | ● | ● | 8 | |
| 107 B/C - Office | RTU-1 | 68 | 103 | ● | ● | 16 | |
| 111 - Cafeteria | AHU-3 | 1668 | 2911 | ● | ● | 291 | |
| 112 - Conference Room | RTU-1 | 47 | 43 | ● | ● | 6 | Within margin of error of testing equipment |
| 113 - Office | RTU-1 | 81 | 155 | ● | ● | 22 | |
| 113B - Office | RTU-1 | 16 | 78 | ● | ● | 14 | |
| 113C - Office | RTU-1 | 18 | 82 | ● | ● | 15 | |
| 113D - Office | RTU-1 | 19 | 80 | ● | ● | 14 | |
| 113E - Office | RTU-1 | 35 | 98 | ● | ● | 16 | |
| 120 - OT/PT | AHU-6 | 160 | 337 | ● | ● | 23 | |
| 121A/B - Office | AHU-6 | 36 | 137 | ● | ● | 24 | |
| 121 Gymnasium | AHU-4 | 2339 | 2960 | ● | ● | 121 | |
| 200A - Project | AHU-1 | 165 | 171 | ● | ● | 13 | |
| 200B - Project | AHU-1 | 185 | 162 | ● | ● | 11 | Within margin of error of testing equipment |
| 200C - Project | AHU-2 | 147 | 155 | ● | ● | 12 | |
| 200D - Project | AHU-2 | 147 | 157 | ● | ● | 12 | |
| 201 - Classroom | AHU-2 | 495 | 538 | ● | ● | 41 | |
| 202 - Classroom | AHU-2 | 515 | 573 | ● | ● | 44 | |
| 203 - Classroom | AHU-2 | 515 | 574 | ● | ● | 44 | |
| 204 - Classroom | AHU-2 | 515 | 557 | ● | ● | 42 | |
| 205 - Classroom | AHU-2 | 424 | 525 | ● | ● | 42 | |
| 206 - Classroom | AHU-2 | 424 | 525 | ● | ● | 42 | |
| 207 - Classroom | AHU-2 | 424 | 550 | ● | ● | 44 | |
| 208 - Classroom | AHU-2 | 424 | 547 | ● | ● | 44 | |
| 209 - Classroom | AHU-1 | 439 | 555 | ● | ● | 44 | |
| 210 - Classroom | AHU-1 | 439 | 578 | ● | ● | 47 | |
| 211 - Classroom | AHU-1 | 222 | 338 | ● | ● | 28 | |
| 212 - Classroom | AHU-1 | 422 | 530 | ● | ● | 42 | |
| 213 - Classroom | AHU-1 | 424 | 520 | ● | ● | 41 | |
| 214 - Classroom | AHU-1 | 217 | 262 | ● | ● | 21 | |
| 215 - Office | AHU-1 | 19 | 108 | ● | ● | 20 | |
| 216 - Office | AHU-1 | 20 | 97 | ● | ● | 17 | |
| 217 - Classroom | AHU-1 | 146 | 169 | ● | ● | 13 | |
| 218 - Quiet Room | AHU-1 | 10 | 29 | ● | ● | 5 | |
| 227 - Classroom | AHU-2 | 55 | 68 | ● | ● | 5 | |
| 229 - Classroom | AHU-2 | 54 | 107 | ● | ● | 8 | |
| 229A - Breakroom | AHU-2 | 55 | 209 | ● | ● | 39 | |
| 300A - Project | AHU-1 | 165 | 167 | ● | ● | 13 | |
| 300B - Project | AHU-1 | 180 | 162 | ● | ● | 12 | Within margin of error of testing equipment |
| 300C - Project | AHU-2 | 148 | 162 | ● | ● | 12 | |
| 300D - Project | AHU-2 | 148 | 167 | ● | ● | 13 | |
| 300I - Project | AHU-2 | 148 | 159 | ● | ● | 12 | |
| 300J - Project | AHU-2 | 148 | 153 | ● | ● | 12 | |
| 301 - Classroom | AHU-2 | 424 | 588 | ● | ● | 48 | |
| 302 - Classroom | AHU-2 | 424 | 592 | ● | ● | 48 | |
| 303 - Classroom | AHU-2 | 424 | 595 | ● | ● | 49 | |
| 304 - Classroom | AHU-2 | 424 | 483 | ● | ● | 37 | |
| 305 - Classroom | AHU-2 | 424 | 608 | ● | ● | 50 | |
| 306 - Classroom | AHU-2 | 424 | 530 | ● | ● | 42 | |
| 307 - Classroom | AHU-2 | 424 | 581 | ● | ● | 47 | |
| 308 - Classroom | AHU-2 | 424 | 568 | ● | ● | 46 | |
| 309 - Classroom | AHU-1 | 439 | 550 | ● | ● | 44 | |
| 310 - Classroom | AHU-1 | 439 | 544 | ● | ● | 43 | |
| 311 - Classroom | AHU-1 | 222 | 329 | ● | ● | 27 | |
| 312 - Classroom | AHU-1 | 425 | 543 | ● | ● | 43 | |
| 313 - Classroom | AHU-1 | 424 | 528 | ● | ● | 42 | |
| 314 - Classroom | AHU-1 | 178 | 274 | ● | ● | 22 | |
| 315 - Classroom | AHU-1 | 111 | 127 | ● | ● | 10 | |
| 316 - Office | AHU-1 | 20 | 103 | ● | ● | 18 | |
| 317 - ELL | AHU-1 | 146 | 172 | ● | ● | 14 | |
| 318 - Office | AHU-1 | 10 | 24 | ● | ● | 4 | |
| 327 - Breakout | AHU-2 | 55 | 71 | ● | ● | 6 | |
| 328 - Breakout | AHU-2 | 53 | 125 | ● | ● | 11 | |
| 329 - Workroom | AHU-2 | 54 | 125 | ● | ● | 22 | |
| 329A - Staff | AHU-2 | 29 | 214 | ● | ● | 40 | |
| 330 - Breakout | AHU-2 | 54 | 64 | ● | ● | 5 | |
| 332 - Breakout | AHU-2 | 70 | 73 | ● | ● | 6 | |

1. Air flow calculated using ASHRAE 62.1 and the International Mechanical Code default values for fully occupied spaces.