

**Williams Elementary School Ventilation Summary**

Room	Ventilation Equipment Type	Minimum Fresh Air Required (CFM) <sup>1</sup>	Measured Fresh Air (CFM)	Room Ventilation Status at 50% Occupancy	Room Ventilation Status at 100% Occupancy	Nominal Occupancy Supported by Measured Fresh Air	Notes
102 - Library	Unit Vent	445	789			38	
107 - Classroom	Unit Vent	355	365			25	
109 Conference Room	Unit Vent	200	180			28	Within margin of error of testing equipment.
112 - Classroom	Unit Vent	325	654			55	
113 - Classroom	Unit Vent	315	526			43	
114 - Classroom	Unit Vent	315	654			55	
115 - Classroom	Unit Vent	355	605			49	
146 - Afterschool	Unit Vent	280	NA	NA	NA	NA	Outdoor meets requirements of construction, but is short of ideal standards.
201 - Classroom	Unit Vent	490	493			25	
202 - Classroom	Unit Vent	190	228			17	
203 - Classroom	Unit Vent	115	135			10	
204 - Classroom	Unit Vent	430	482			34	
205 - Classroom	Unit Vent	375	594			47	
206 - Classroom	Unit Vent	370	441			32	
207 - Classroom	Unit Vent	370	521			40	
208 - Classroom	Unit Vent	370	549			43	
209 - Classroom	Unit Vent	385	419			30	
210 - Classroom	Unit Vent	355	458			35	
211 - Classroom	Unit Vent	400	551			42	
213 - Art Classroom	Unit Vent	530	498			25	Within margin of error of testing equipment.
Admin Suite	Unit Vent	NA	NA			NA	Outdoor meets requirements of construction, but is short of ideal standards.
Nurse	Unit Vent	110	270			5	
136 - Auditorium	AHU	2000	2178			403	
Gym	AHU	1355	3449			220	

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