

	ED; Not Admitted	Non-ED; Not Admitted	Grand Total # (%Total)
Total Included	166 (100%)	129 (100%)	295 (100%)
Age at Testing (%) (N.S.)			
<40	31 (18.7%)	25 (19.4%)	56 (19%)
40 to 59	48 (28.9%)	34 (26.4%)	82 (27.8%)
60 to 79	71 (42.8%)	60 (46.5%)	131 (44.4%)
>= 80	16 (9.6%)	10 (7.8%)	26 (8.8%)
Pathogen Detected (%) (N.S.)			
Influenza	55 (33.1%)	50 (38.8%)	105 (35.6%)
Non-Influenza Pathogen	66 (39.8%)	43 (33.3%)	109 (36.9%)
Negative	45 (27.1%)	36 (27.9%)	81 (27.5%)
Turn-Around-Time (hr) (p < 0.001)			
Clinical TAT#	2.3 (4.1)	4.4 (4.8)	3.2 (4.5)
Intra-Laboratory TAT	2.0 (3.7)	2.1 (1.9)	2.0 (3.0)
Underlying Lung Disease (N.S.)			
Asthma	13 (7.8%)	7 (5.4%)	20 (6.8%)
COPD	29 (17.5%)	11 (8.5%)	40 (13.6%)
Other	3 (1.8%)	5 (3.9%)	8 (2.7%)
None	121 (72.9%)	106 (82.2%)	227 (76.9%)
Immunosuppressed (%) (N.S.)			
No	153 (92.2%)	121 (93.8%)	274 (92.9%)
Yes	13 (7.8%)	8 (6.2%)	21 (7.1%)
Clinical Syndrome (%)* (p < 0.001)			
Cough / URTI / Bronchitis / Sinusitis / Pharyngitis [#]	72 (43.4%)	90 (69.8%)	162 (54.9%)
Specific Viral Pathogen [#]	45 (27.1%)	8 (6.2%)	53 (18%)
Non-Respiratory Syndrome	21 (12.7%)	23 (17.8%)	44 (14.9%)
Other Respiratory Syndrome	9 (5.4%)	3 (2.3%)	12 (4.1%)
Pneumonia	6 (3.6%)	3 (2.3%)	9 (3.1%)
COPD	11 (6.6%)	1 (0.8%)	12 (4.1%)
Fever / SIRS / Sepsis	2 (1.2%)	1 (0.8%)	3 (1%)

Supplemental Table 1: Demographics of non-admitted ED patients and other outpatients.

* If multiple ICD-9 codes were used for a visit, only those most directly related to respiratory virus testing were extracted. Data shown are the # of patients in each group with the % of the column total. For TAT, data is Mean (St. Dev.). All categorical data was compared with Chi Squared. TAT was compared via Mann-Whitney U test. For categories with significant differences, adjusted standardized residuals were calculated. N.S. = Not Significant. # indicates an absolute value of the standardized adjusted residual > 2.58 for each row.

	No Abx	Yes Abx	Grand Total
Influenza A or B#	95 (58.6%)	39 (35.8%)	134 (49.4%)
hMPV, RSV, PIV, or Adenovirus#	30 (18.5%)	38 (34.9%)	68 (25.1%)
HCoV or HRV/HEV	37 (22.8%)	32 (29.4%)	69 (25.5%)
Total	162 (100%)	109 (100%)	271 (100%)

Supplemental Table 2: Rates of antibiotic prescriptions among all patients by pathogen type. Pathogens were grouped as indicated based upon previously existing diagnostic methods (e.g. DFA or singleplex PCR; Influenza, RSV, hMPV, PIV, Adenovirus) or not (HCoV and HRV/HEV). The single patient with *M. pneumoniae* was excluded from this analysis. Data were compared with Chi Squared ($p < 0.001$) and standardized residuals were calculated. # indicates an absolute value of the standardized adjusted residual > 2.58 for each row.