

The following is a partial list of airborne pathogens. To help put all this in perspective - look at the *Disease* column and the *DIA Microns* column.

| LIST OF AIRBORNE PATHOGENS, INCLUDING ALLERGENIC , TOXIGENIC, AND SUSPECTED RESPIRATORY AND NON-RESPIRATORY PATHOGENS | | | | | |
|--|----------|--------------------------|------------|---------------|-------------|
| Airborne Pathogen | Group | Disease | Status | Source | DIA microns |
| Parvovirus B19 | VIRUS | fifth disease, anemia | Contagious | Humans | 0.022 |
| Rhinovirus | VIRUS | colds | Contagious | Humans | 0.023 |
| Coxsackievirus | VIRUS | colds | Contagious | Humans | 0.027 |
| Echovirus | VIRUS | colds | Contagious | Humans | 0.028 |
| Hantavirus | VIRUS | Hantavirus | Non | rodents | 0.060 |
| Togavirus | VIRUS | rubella (German measles) | Contagious | Humans | 0.063 |
| Reovirus | VIRUS | colds | Contagious | Humans | 0.075 |
| Adenovirus | VIRUS | colds | Contagious | Humans | 0.080 |
| Orthomyxovirus - Influenza | VIRUS | flu | Contagious | Humans, birds | 0.10 |
| Coronavirus | VIRUS | colds | Contagious | Humans | 0.11 |
| Morbillivirus | VIRUS | measles (rubeola) | Contagious | Humans | 0.12 |
| Varicella-zoster | VIRUS | chickenpox | Contagious | Humans | 0.16 |
| Arenavirus - Junin | VIRUS | hemorrhagic fever | Contagious | rodents | 0.18 |
| Arenavirus - Machupo | VIRUS | hemorrhagic fever | Contagious | rodents | 0.18 |
| Arenavirus - Lassa | VIRUS | Lassa fever | Contagious | rodents | 0.18 |
| Filovirus - Marburg | VIRUS | hemorrhagic fever | Contagious | rodents | 0.18 |
| Parainfluenza | VIRUS | flu | Contagious | Humans | 0.22 |
| Respiratory Syncytial Virus | VIRUS | pneumonia | Contagious | Humans | 0.22 |
| Poxvirus - Variola | VIRUS | smallpox (extinct) | Contagious | Humans | 0.23 |
| Poxvirus - Vaccinia | VIRUS | cowpox | Non | Agricultural | 0.23 |
| Monkeypox | VIRUS | monkeypox | Contagious | Monkeys | 0.23 |
| Paramyxovirus | VIRUS | mumps | Contagious | Humans | 0.23 |
| Francisella tularensis | BACTERIA | tularemia | Non | wild animals | 0.20 |
| Bordetella pertussis | BACTERIA | whooping cough | Contagious | Humans | 0.25 |
| Mycoplasma pneumoniae | BACTERIA | pneumonia | Contagious | Humans | 0.25 |
| Chlamydia pneumoniae | BACTERIA | pneumonia, bronchitis | Contagious | Humans | 0.30 |
| Chlamydia psittaci | BACTERIA | psittacosis | Non | Birds | 0.30 |
| Klebsiella pneumoniae | BACTERIA | opportunistic infections | Endogenous | Environmental | 0.40 |
| Haemophilus influenzae | BACTERIA | meningitis | Contagious | Humans | 0.43 |
| Coxiella burnetii | BACTERIA | Q Fever | Non | Cattle, sheep | 0.50 |
| Pseudomonas aeruginosa | BACTERIA | opportunistic infections | Contagious | Environmental | 0.57 |
| Pseudomonas pseudomallei | BACTERIA | opportunistic infections | Non | Environmental | 0.57 |
| Actinomyces israelii | BACTERIA | actinomycosis | Endogenous | Humans | 0.60 |
| Legionella parisiensis | BACTERIA | pneumonia(?) | Non | Environmental | 0.60 |
| Legionella pneumophila | BACTERIA | LD, Pontiac fever | Non | Environmental | 0.60 |
| Cardiobacterium | BACTERIA | opportunistic infections | Endogenous | Humans | 0.63 |
| Alkaligenes | BACTERIA | opportunistic infections | Endogenous | Humans | 0.75 |

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| <i>Yersinia pestis</i> | BACTERIA | pneumonic plague | Contagious | Rodents | 0.75 |
| <i>Pseudomonas cepacia</i> | BACTERIA | nonrespiratory airborne(?) | Non | Environmental | 0.77 |
| <i>Pseudomonas mallei</i> | BACTERIA | opportunistic infections | Non | Environmental | 0.77 |
| <i>Enterobacter cloacae</i> | BACTERIA | nonrespiratory airborne(?) | Contagious | Humans | 0.80 |
| <i>Enterococcus</i> | BACTERIA | nonrespiratory airborne(?) | Contagious | Humans | 0.80 |
| <i>Neisseria meningitidis</i> | BACTERIA | meningitis | Endogenous | Humans | 0.80 |
| <i>Streptococcus faecalis</i> | BACTERIA | nonrespiratory airborne(?) | Contagious | Humans | 0.80 |
| <i>Streptococcus pyogenes</i> | BACTERIA | scarlet fever, pharyngitis | Contagious | Humans | 0.80 |
| <i>Mycobacterium kansasii</i> | BACTERIA | cavitary pulmonary | Non | unknown | 0.86 |
| <i>Mycobacterium tuberculosis</i> | BACTERIA | TB | Contagious | Humans | 0.86 |
| <i>Streptococcus pneumoniae</i> | BACTERIA | pneumonia, otitis media | Contagious | Humans | 0.90 |
| <i>Staphylococcus aureus</i> | BACTERIA | opportunistic infections | Endogenous | Humans | 0.95 |
| <i>Staphylococcus epidermis</i> | BACTERIA | nonrespiratory airborne(?) | Endogenous | Humans | 0.95 |
| <i>Corynebacteria diphtheria</i> | BACTERIA | diphtheria | Contagious | Humans | 1.00 |
| <i>Clostridium tetani</i> | BACTERIA | nonrespiratory airborne(?) | Non | Environmental | 1.00 |
| <i>Haemophilus parainfluenzae</i> | BACTERIA | opportunistic infections | Endogenous | Humans | 1.00 |
| <i>Moraxella lacunata</i> | BACTERIA | opportunistic infections | Endogenous | Humans | 1.00 |
| <i>Bacillus anthracis</i> | BACTERIA | anthrax | Non | Cattle, sheep | 1.13 |
| <i>Mycobacterium avium</i> | BACTERIA | cavitary pulmonary | Non | Environmental | 1.20 |
| <i>Mycobacterium intracellulare</i> | BACTERIA | cavitary pulmonary | Non | Environmental | 1.20 |
| <i>Acinetobacter</i> | BACTERIA | opportunistic infections | Endogenous | Environmental | 1.25 |
| <i>Moraxella catarrhalis</i> | BACTERIA | opportunistic infections | Endogenous | Humans | 1.25 |
| <i>Serratia marcescens</i> | BACTERIA | opportunistic infections | Endogenous | Environmental | 1.25 |
| <i>Saccharomonospora viridis</i> | ACTINOMYCETES | Farmer's Lung | Non | Agricultural | 0.60 |
| <i>Thermomonospora viridis</i> | ACTINOMYCETES | Farmer's Lung, HP | Non | Agricultural | 0.60 |
| <i>Micropolyspora faeni</i> | ACTINOMYCETES | Farmer's Lung | Non | Agricultural | 0.69 |
| <i>Thermoactinomyces sacchari</i> | ACTINOMYCETES | bagassosis, HP | Non | Agricultural | 0.70 |
| <i>Micromonospora faeni</i> | ACTINOMYCETES | Farmer's Lung | Non | Agricultural | 1.00 |
| <i>Thermoactinomyces vulgaris</i> | ACTINOMYCETES | Farmer's Lung, HP | Non | Agricultural | 1.00 |
| <i>Nocardia asteroides</i> | ACTINOMYCETES | nocardiosis | Non | Environmental | 1.14 |
| <i>Nocardia brasiliensis</i> | ACTINOMYCETES | pulmonary mycetoma | Non | Environmental | 1.50 |
| <i>Nocardia caviae</i> | ACTINOMYCETES | nocardiosis | Non | Environmental | 1.50 |
| <i>Phialophora parasitica</i> | FUNGI | allergic alveolitis | Non | Environmental | 1.50 |
| <i>Phialophora repens</i> | FUNGI | allergic alveolitis | Non | Environmental | 1.50 |
| <i>Exophiala jeanselmei</i> | FUNGI | humidifier water | Non | Environmental | 1.95 |
| <i>Phialophora hoffmannii</i> | FUNGI | allergic alveolitis | Non | Environmental | 2.00 |
| <i>Phialophora richardsiae</i> | FUNGI | allergic alveolitis | Non | Environmental | 2.00 |
| <i>Pneumocystis carinii</i> | Protozoa | pneumocystosis | Non | Environmental | 2.00 |
| <i>Phialophora mutabilis</i> | FUNGI | allergic alveolitis | Non | Environmental | 2.15 |
| <i>Acremonium spp.</i> | FUNGI | allergic alveolitis | Non | Environmental | 2.50 |

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| <i>Trichoderma harzianum</i> | FUNGI | allergic alveolitis | Non | Environmental | 2.65 |
| <i>Oidiodendron tenuissimum</i> | FUNGI | allergic alveolitis | Non | Environmental | 2.75 |
| <i>Geomyces pannorum</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.00 |
| <i>Histoplasma capsulatum</i> | FUNGI | histoplasmosis | Non | Environmental | 3.00 |
| <i>Paecilomyces variotii</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.00 |
| <i>Wallemia sebi</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.00 |
| <i>Emericella nidulans</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.25 |
| <i>Phoma</i> spp. | FUNGI | allergic alveolitis | Non | Environmental | 3.25 |
| <i>Penicillium brevicompactum</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.30 |
| <i>Penicillium chrysogenum</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.30 |
| <i>Penicillium citreonigrum</i> | FUNGI | allergen(?) | Non | Environmental | 3.30 |
| <i>Penicillium commune</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.30 |
| <i>Penicillium corylophilum</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.30 |
| <i>Penicillium cyclopium</i> | FUNGI | allergen(?) | Non | Environmental | 3.30 |
| <i>Penicillium expansum</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.30 |
| <i>Penicillium freii</i> | FUNGI | allergen(?) | Non | Environmental | 3.30 |
| <i>Penicillium glabrum</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.30 |
| <i>Penicillium hordei</i> | FUNGI | allergen(?) | Non | Environmental | 3.30 |
| <i>Penicillium olsonii</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.30 |
| <i>Penicillium polonicum</i> | FUNGI | allergic alveolitis | Non | Environmental | 3.30 |
| <i>Penicillium rugulosum</i> | FUNGI | allergen(?) | Non | Environmental | 3.30 |
| <i>Penicillium solitum</i> | FUNGI | allergen(?) | Non | Environmental | 3.30 |
| <i>Aspergillus flavus</i> | FUNGI | aspergillosis | Non | Environmental | 3.50 |
| <i>Aspergillus fumigatus</i> | FUNGI | aspergillosis | Non | Environmental | 3.50 |
| <i>Aspergillus niger</i> | FUNGI | aspergillosis | Non | Environmental | 3.50 |
| <i>Aspergillus versicolor</i> | FUNGI | aspergillosis | Non | Environmental | 3.50 |
| <i>Absidia corymbifera</i> | FUNGI | zygomycosis | Non | Environmental | 3.75 |
| <i>Coccidioides immitis</i> | FUNGI | coccidioidomycosis | Non | Environmental | 4.00 |
| <i>Trichoderma viride</i> | FUNGI | allergic alveolitis | Non | Environmental | 4.05 |
| <i>Rhizomucor pusillus</i> | FUNGI | allergic alveolitis | Non | Environmental | 4.25 |
| <i>Aureobasidium pullulans</i> | FUNGI | allergic alveolitis | Non | Environmental | 5.00 |
| <i>Candida albicans</i> | FUNGI | nonrespiratory airborne(?) | Non | Environmental | 5.00 |
| <i>Chaetomium globosum</i> | FUNGI | allergic alveolitis | Non | Environmental | 5.50 |
| <i>Cryptococcus albidus</i> | FUNGI | allergen(?) | Non | Environmental | 5.50 |
| <i>Cryptococcus laurentii</i> | FUNGI | allergen(?) | Non | Environmental | 5.50 |
| <i>Cryptococcus neoformans</i> | FUNGI | cryptococcosis | Non | Environmental | 5.50 |
| <i>Stachybotris atra</i> | FUNGI | allergic alveolitis | Non | Environmental | 5.65 |
| <i>Stachybotris chartarum</i> | FUNGI | allergic alveolitis | Non | Environmental | 5.65 |
| <i>Eurotium amstelodami</i> | FUNGI | allergic alveolitis | Non | Environmental | 5.75 |
| <i>Eurotium herbariorum</i> | FUNGI | allergic alveolitis | Non | Environmental | 5.75 |
| <i>Eurotium rubrum</i> | FUNGI | allergic alveolitis | Non | Environmental | 5.75 |
| <i>Scopulariopsis brevicaulis</i> | FUNGI | onychomycosis | Non | Environmental | 6.00 |
| <i>Scopulariopsis fusca</i> | FUNGI | onychomycosis | Non | Environmental | 6.00 |
| <i>Sporothrix schenckii</i> | FUNGI | sporotrichosis | Non | Environmental | 6.50 |

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| Botrytis cinera | FUNGI | allergic alveolitis | Non | Environmental | 7.00 |
| Mucor plumbeus | FUNGI | mucormycosis | Non | Environmental | 7.50 |
| Rhizopus stolonifer | FUNGI | zygomycosis | Non | Environmental | 8.00 |
| Cladosporium cladosporioides | FUNGI | chromoblastomycosis | Non | Environmental | 9.00 |
| Cladosporium herbarum | FUNGI | chromoblastomycosis | Non | Environmental | 9.00 |
| Cladosporium sphaerospermum | FUNGI | chromoblastomycosis | Non | Environmental | 9.00 |
| Fusarium culmorum | FUNGI | allergic alveolitis | Non | Environmental | 11.50 |
| Fusarium graminearum | FUNGI | allergic alveolitis | Non | Environmental | 11.50 |
| Fusarium moniliforme | FUNGI | allergic alveolitis | Non | Environmental | 11.50 |
| Fusarium solani | FUNGI | allergic alveolitis | Non | Environmental | 11.50 |
| Fusarium sporotrichioides | FUNGI | allergic alveolitis | Non | Environmental | 11.50 |
| Helminthosporium | FUNGI | allergic alveolitis | Non | Environmental | 12.47 |
| Blastomyces dermatitidis | FUNGI | blastomycosis | Non | Environmental | 14.00 |
| Rhodoturula glutinus | FUNGI | allergic alveolitis | Non | Environmental | 14.00 |
| Rhodoturula minuta | FUNGI | allergic alveolitis | Non | Environmental | 14.00 |
| Rhodoturula mucilaginosa | FUNGI | allergic alveolitis | Non | Environmental | 14.00 |
| Alternaria alternata | FUNGI | allergic alveolitis | Non | Environmental | 14.39 |
| Ulocladium botrytis | FUNGI | allergic alveolitis | Non | Environmental | 15.00 |
| Ulocladium chartarum | FUNGI | allergic alveolitis | Non | Environmental | 15.00 |
| Paracoccidioides brasiliensis | FUNGI | paracoccidioidomycosis | Non | Environmental | 18.25 |
| Epicoccum nigrum | FUNGI | allergen(?) | Non | Environmental | 20.00 |