SporeScan

BREATHE BETTER ACT FASTER

Indoor Air Quality Session Report

performed on 10/21/26

InstaScope™

Thank you for choosing Spore Scan LLC to perform an inspection of your building with InstaScope® to provide you with detailed information about the airborne biological concentrations in your structure as well as provide a whole-area exposure assessment. The results of an InstaScope assessment deliver critical insight into your building's indoor air quality profile.

InstaScope uses patented optical particle recognition technology to instantly detect the biological portion of particulate matter including $PM_{2.5}$, PM_{10}, Mold, Bacteria/Virus, and Pollen. It also reports Relative Humidity, Temperature, and may include CO_2 and Total Volatile Organic Compound (VOC) readings if your technician has installed this sensor package on their InstaScope.

As with any test, there are limitations you should understand. This report presents InstaScope's findings using optical particle recognition technology, and it is important to understand certain factors related to your inspection.

1. There is an absence of regulatory standards for acceptable levels of airborne biologicals including mold levels inside buildings. InstaScope® detects and identifies particles one at a time and then applies advanced algorithms and particle analysis to the results. As there are no objective standards, the results are interpreted using published literature from relevant government agencies, expert indoor air quality research, and our experience.

2. The air outside affects the amount and make-up of bioaerosols inside. Factors such as weather, season, time of day and local ecology can impact indoor bioaerosol levels as well. InstaScope may provide data that varies based upon a number of environmental or instrument factors. Before scanning the inside of your structure, your technician may take a baseline test to measure outdoor bioaerosol levels. The average outdoor readings can then used as a local baseline to compare with the air inside your building. In the unusual cases where the outside measurements are not sufficient for a baseline, additional calculations may be used to establish a baseline for this assessment.

3. Your report may include other observations taken by your InstaScope technician. Your technician may perform other tests or a visual inspection of your building and provide documentation of mold and other biologicals on surfaces where visible. InstaScope measures what is of biological significance that has aerosolized, so it may not pick up findings if the particles have not been aerosolized. Any other sampling methods used, or written observations made by your technician, are up to the technician's discretion and represent their own findings based on their knowledge, training and experience. Results between sampling methods may vary.

Analysis of Results

1. The results in this analysis pertain only to this job and should not be used in the evaluation of any other building. This report may not be duplicated, except in full, without the written consent of Spore Scan LLC.

2. To better understand your InstaScope report, your technician may provide additional materials or explanation. Your report will include various graphical representations showing area by area exposure assessment as well as photos, notes and other observations made by the technician themselves. Only in the case of showing mold levels does InstaScope present findings using color labels: Green indicates average exposure, Yellow indicates above average exposure, and Red indicates higher than normal exposure. Your technician should provide recommendations for lowering bioaerosol levels based on Centers for Disease Control and Prevention (CDC) guidelines and industry best practices. DetectionTek is not responsible for providing recommendations and interpreting a service provider's results.

Please direct your question to Spore Scan LLC, reachable at (561) 570-6653 or info@sporescan.net and they will be happy to assist you in understanding your InstaScope report.

Included in Your Report

- Mold Comparison Chart
- Biological Matter Comparison Chart
- Particulate Matter Comparison Chart
- VOC Comparison Chart
- CO_2 Comparison Chart

Area-by-Area Comparison Results

The graphs below display how each area's indoor air quality results compare to one another for one inspection. Only the mold comparison charts show the green, yellow, red color coding system.

Green, Yellow, Red Color Codes Explained

The green, yellow, red color coding system was developed by DetectionTek LLC to easily understand a qualitative assessment of relative exposure and how mold exposure levels change between rooms. The values are related to the outdoor concentration levels and of other rooms in the same structure to identify the outliers.

Green Rooms

These rooms have airborne mold concentrations that we would expect to find in a structure under "normal" conditions. The airborne mold in the area is not significantly higher in concentration or different in ecology than the mold outside on the day and time this inspection was done.

Yellow Rooms

These rooms had airborne mold concentration levels that are moderately higher than we would expect to find in a structure under normal conditions when compared to the mold outside on the day and time this inspection was performed. These levels suggest that these rooms might benefit from additional inspection.

Red Rooms

These rooms have airborne mold concentrations that were significantly higher and/or significantly different in ecology than we would expect to find in a structure under normal conditions when compared with the mold outside on the day and time this inspection was done. These levels suggest that these rooms require additional inspection.

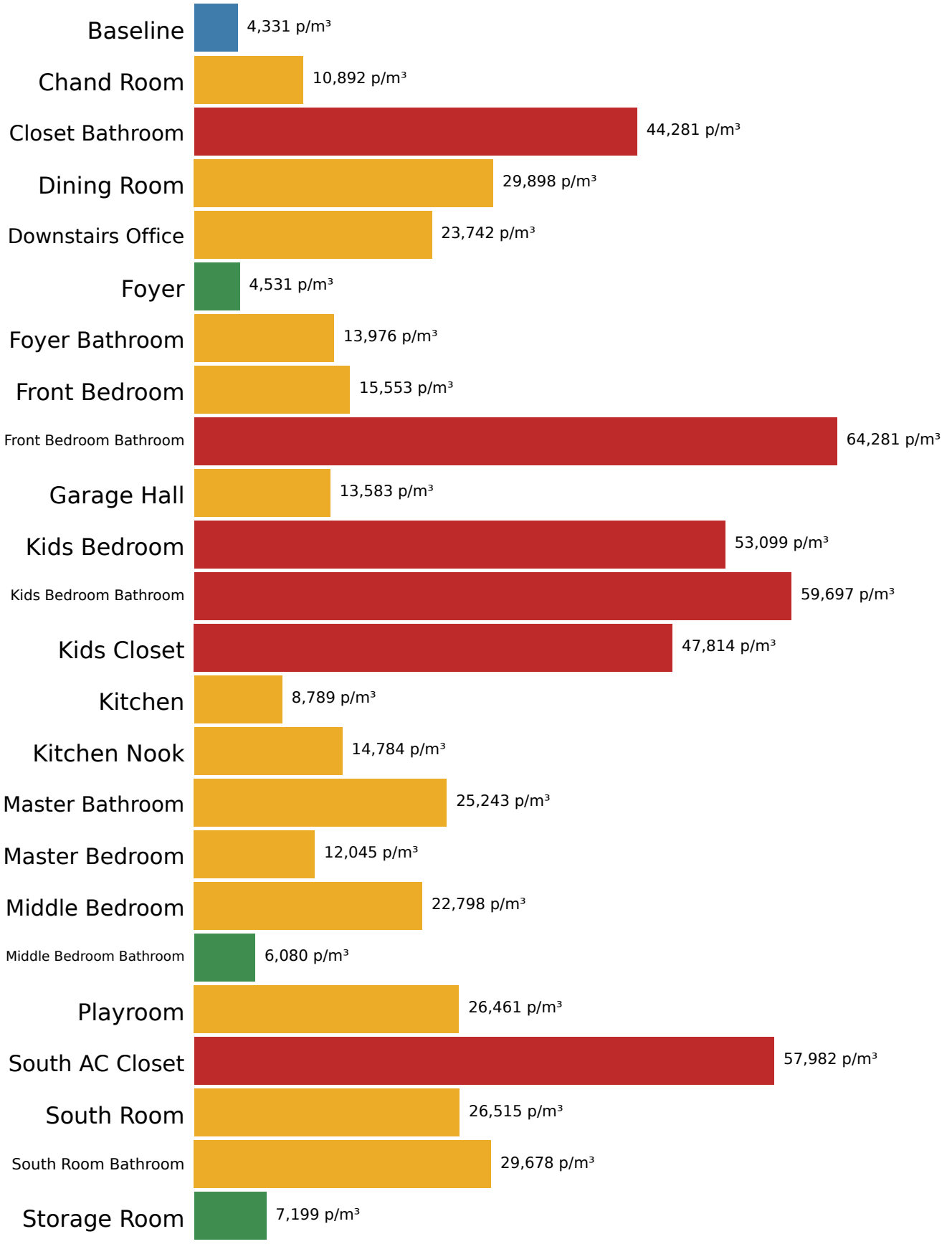
Disclaimer

DetectionTek LLC is not responsible for inspections performed, the suggestions made by the service provider, or data variation using InstaScope technology.

The Summary Charts below are meant to be a general overview of how areas compare to each other. Each chart comparison includes every area that is scanned during a session.

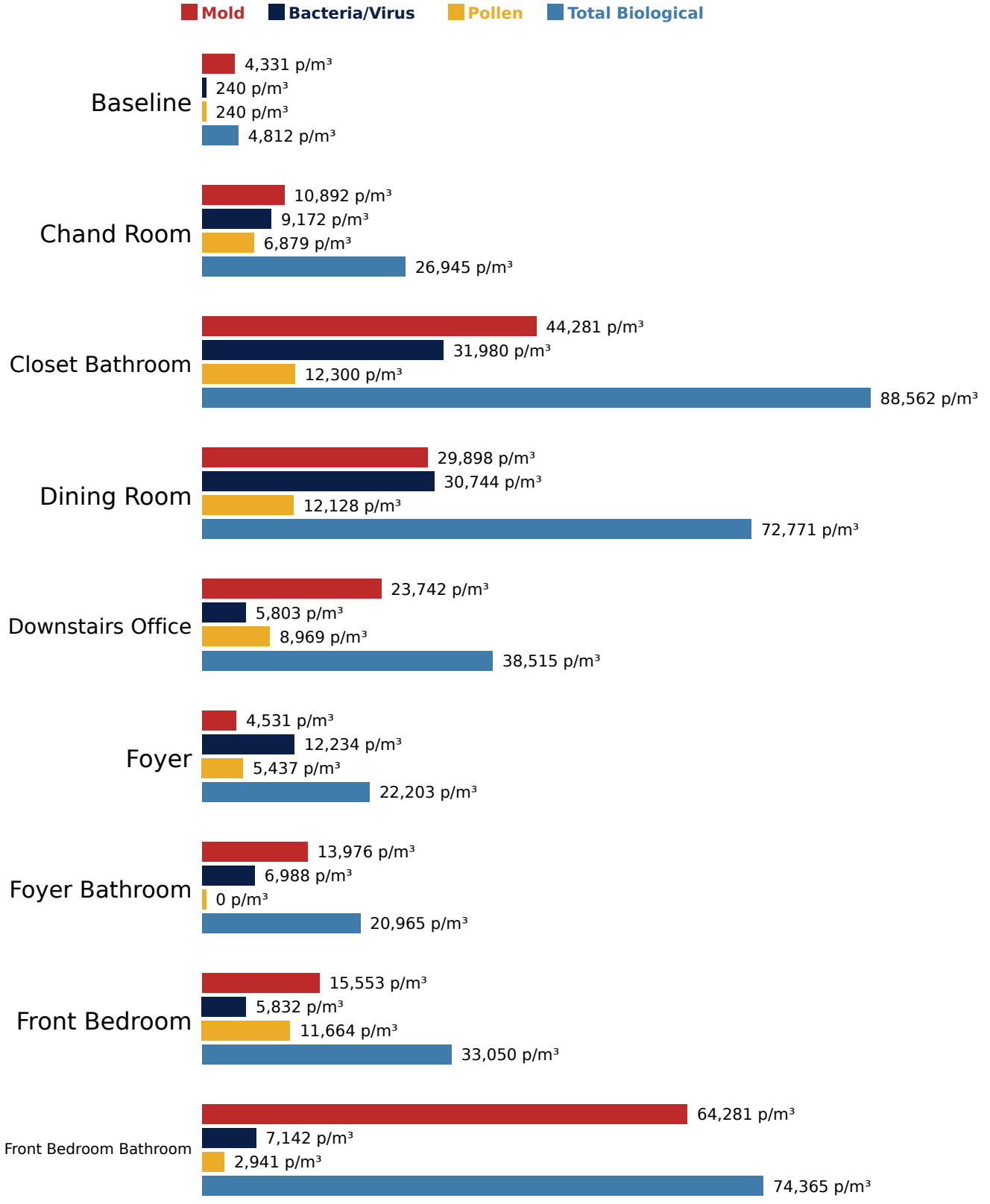
Scan-by-Scan Mold Comparison

The Scan by Scan Mold Comparison shows all the readings in particles per cubic meter (p/m³) in one chart, for each area, and can be used to compare rooms to each other and to the baseline scan (if present).

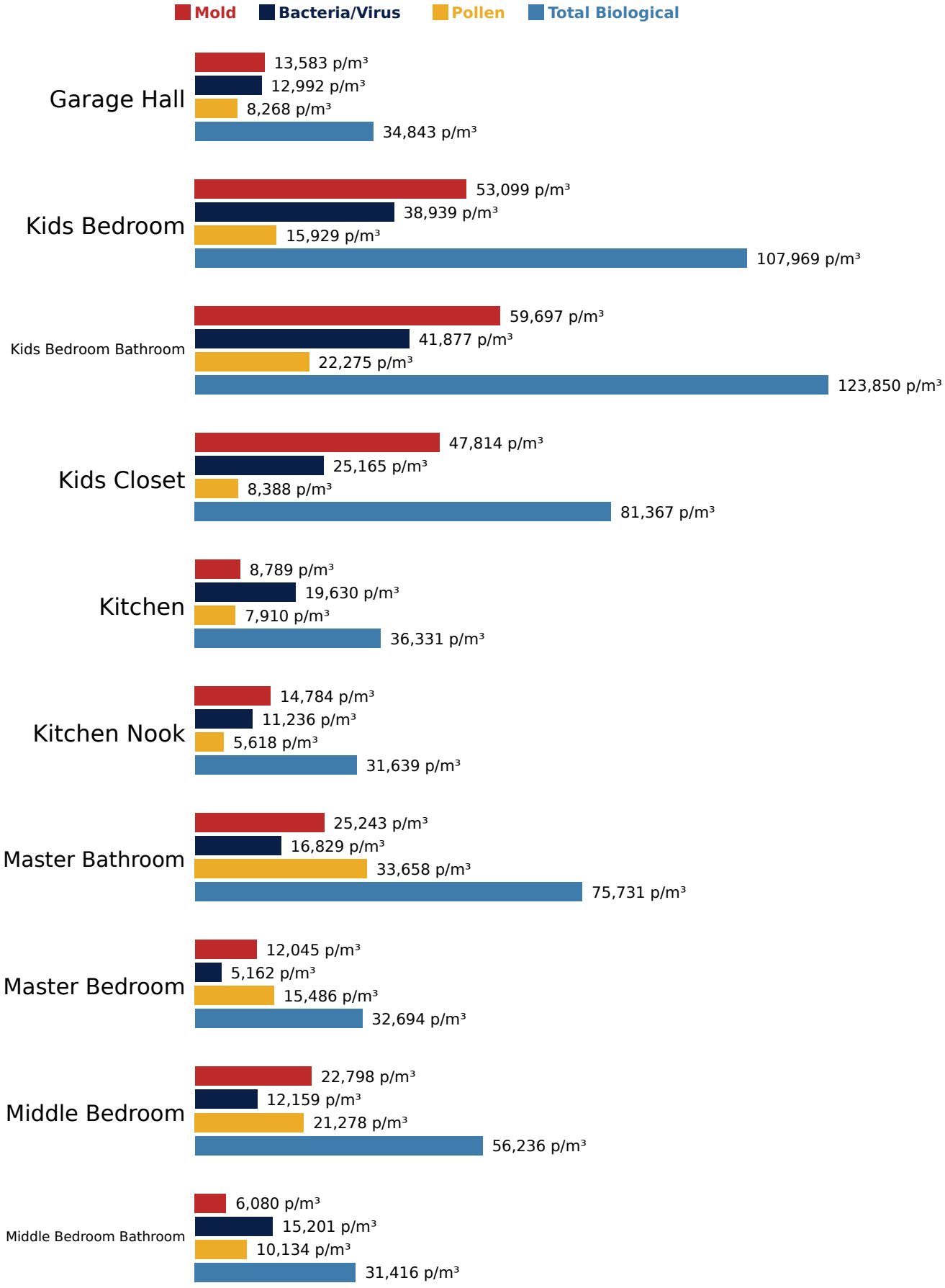


Scan-by-Scan Total Bio Comparison

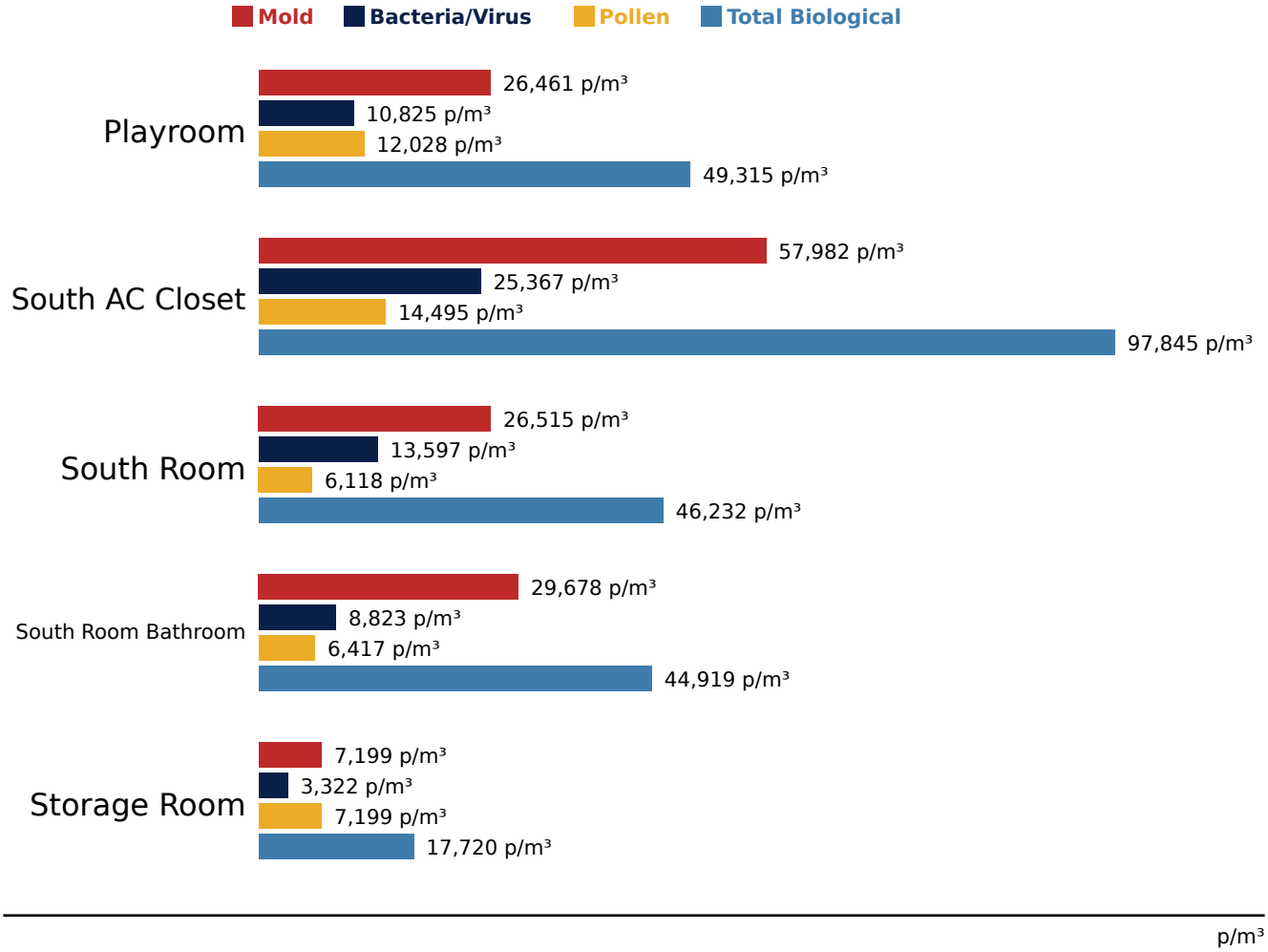
The Scan by Scan Total Bio Comparison shows every bioaerosol that InstaScope tests for, on one graph and broken down by each area in particles per cubic meter (p/m³). This graph is especially useful for those wanting to understanding areas with exceptionally high levels of exposure on various types of bioaerosols.



Scan-by-Scan Bio Comparison, continued



Scan-by-Scan Bio Comparison, continued

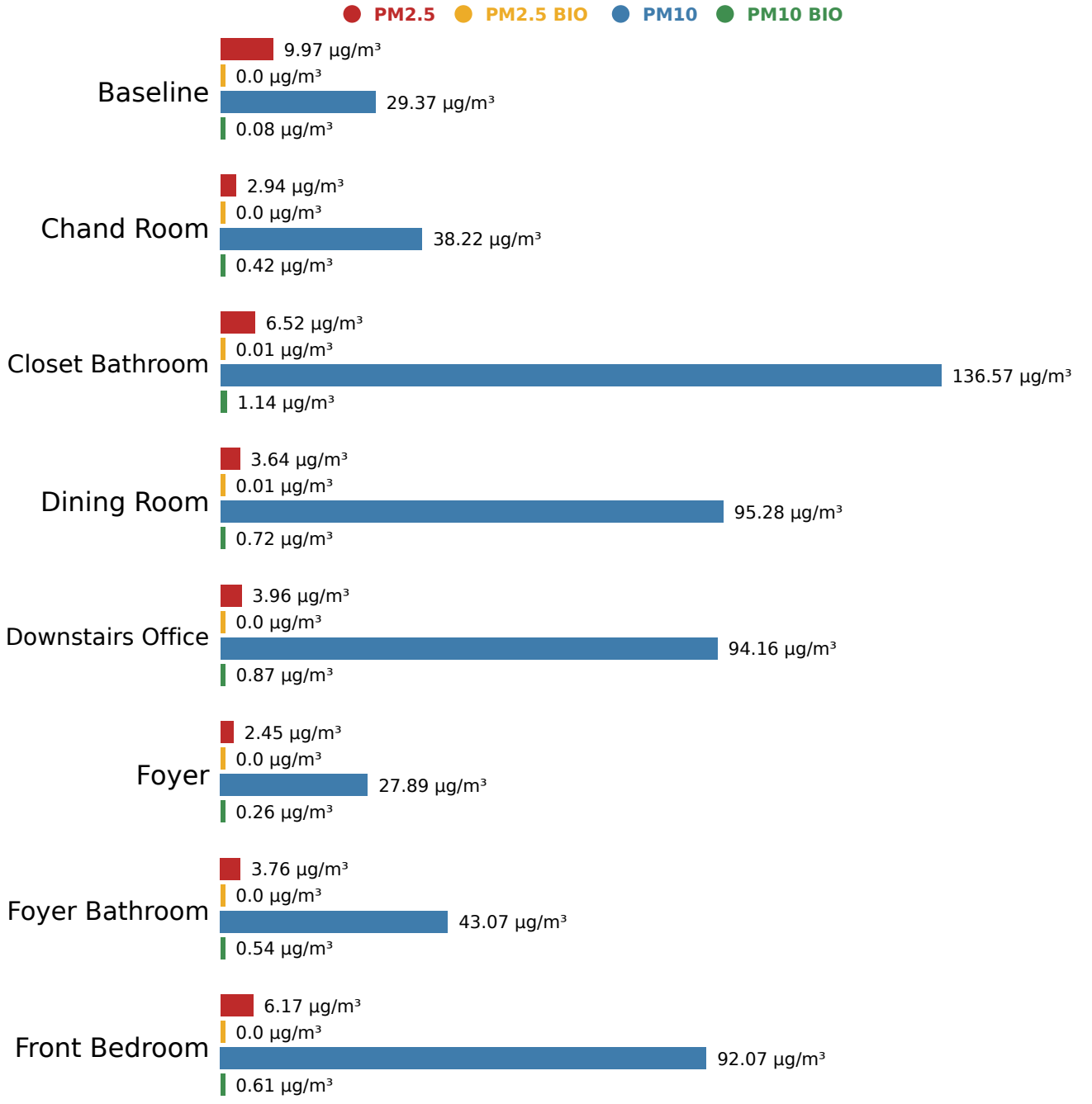


Scan-by-Scan Total PM Comparison

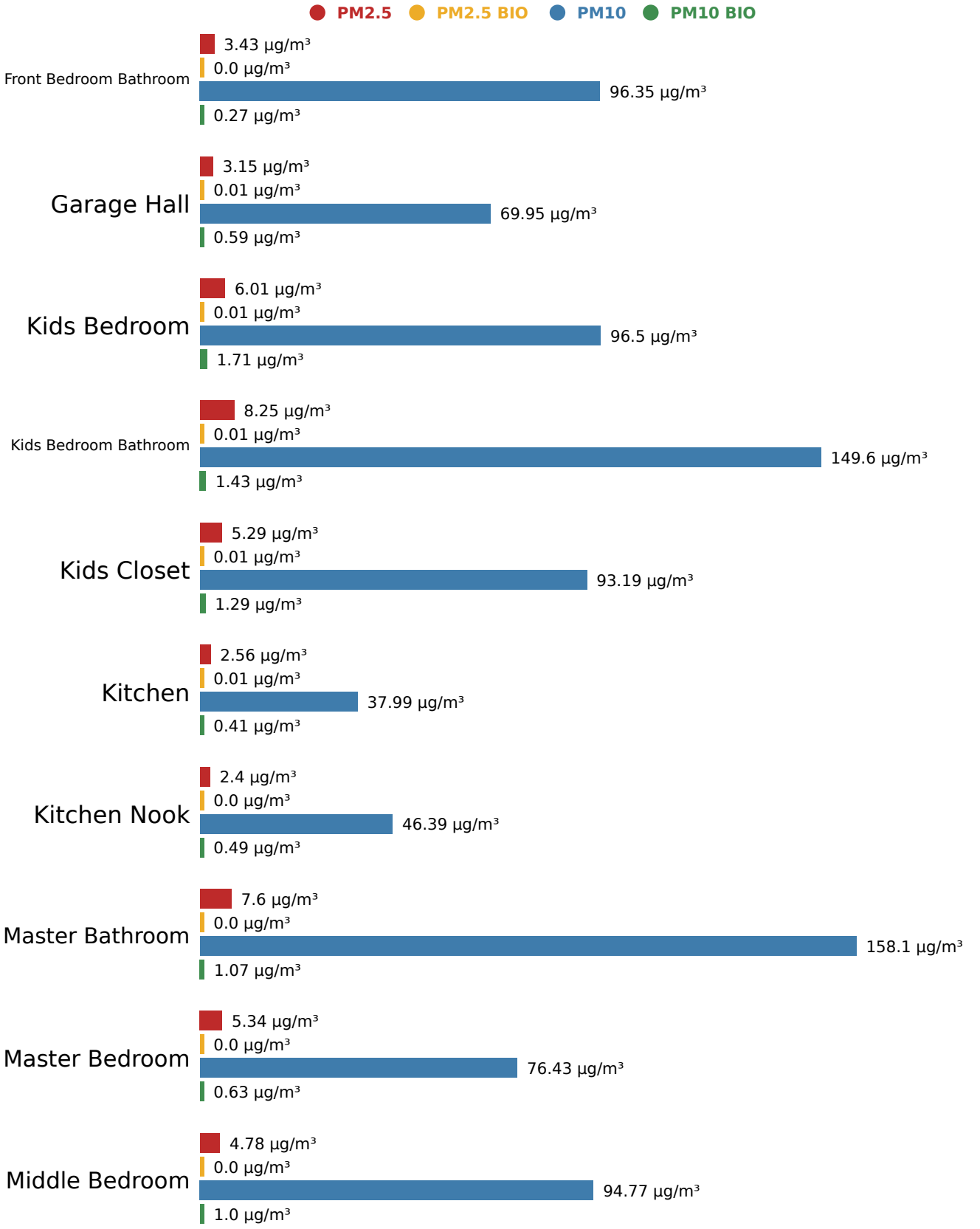
The Scan by Scan PM Comparison chart shows each area's $PM_{2.5}$, $PM_{2.5}$ Bio, PM_{10} and PM_{10}Bio levels as they compare to each other in micrograms per cubic meter (µg/m³).

The EPA's National Ambient Air Quality Standards (NAAQS) define the amount in weight (expressed as particle mass PM) of 'fine' particles (smaller than 2.5µm) and 'coarse' particles (smaller than 10µm) that are acceptable for ambient air. For reference, the average human hair is about 70µm in diameter.

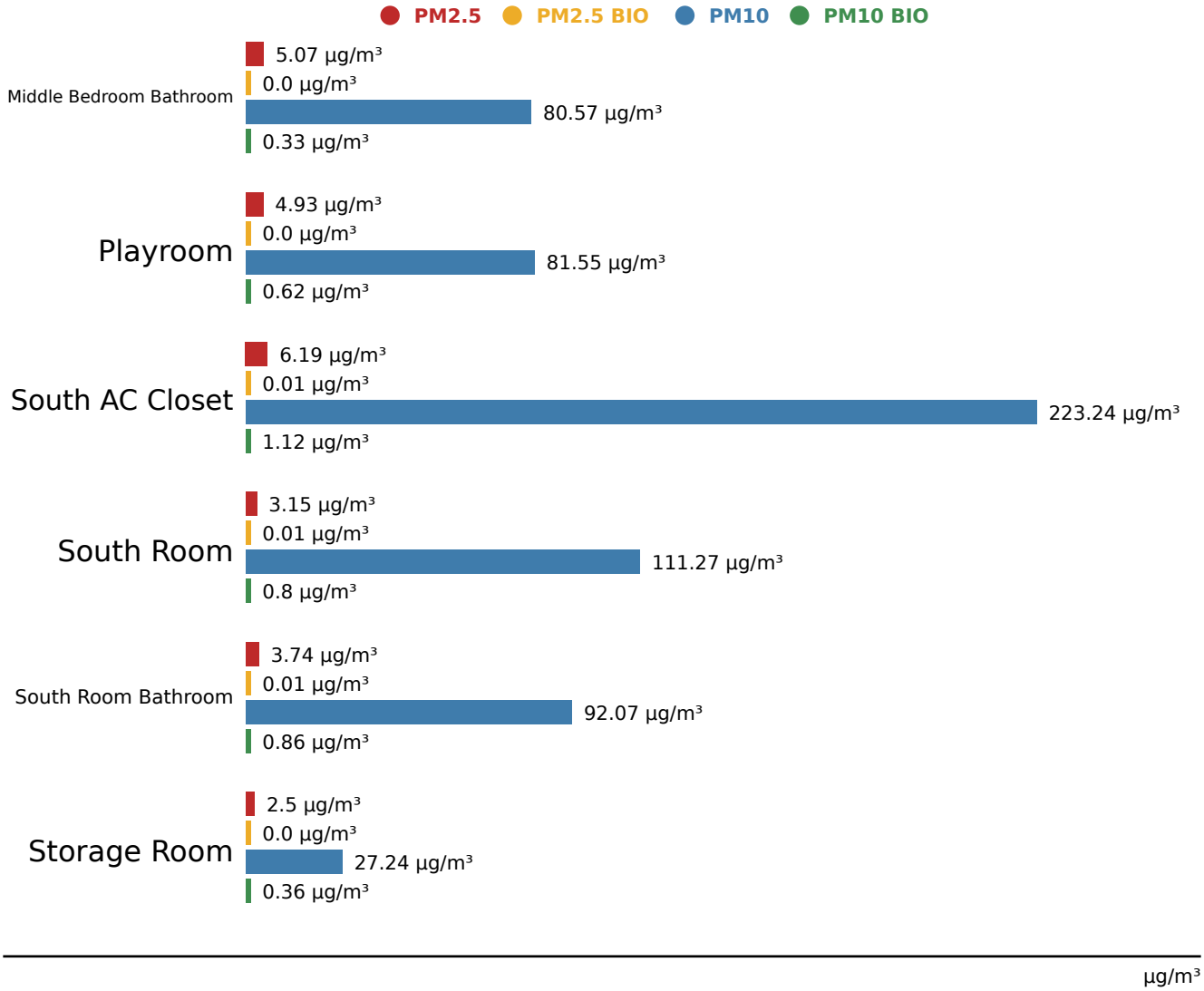
The NAAQS standards are used by regulatory agencies (OSHA) and non-governmental organizations (NIOSH, ACGIH, ASHRAE) to regulate air pollution and judge the quality of indoor air. The fine particle ($PM_{2.5}$) exposure standard is 35 µg/m³; the coarse particle (PM_{10}) is 150 µg/m³. Buildings whose airborne particle concentrations exceed this should be remediated.



Scan-by-Scan PM Comparison, continued

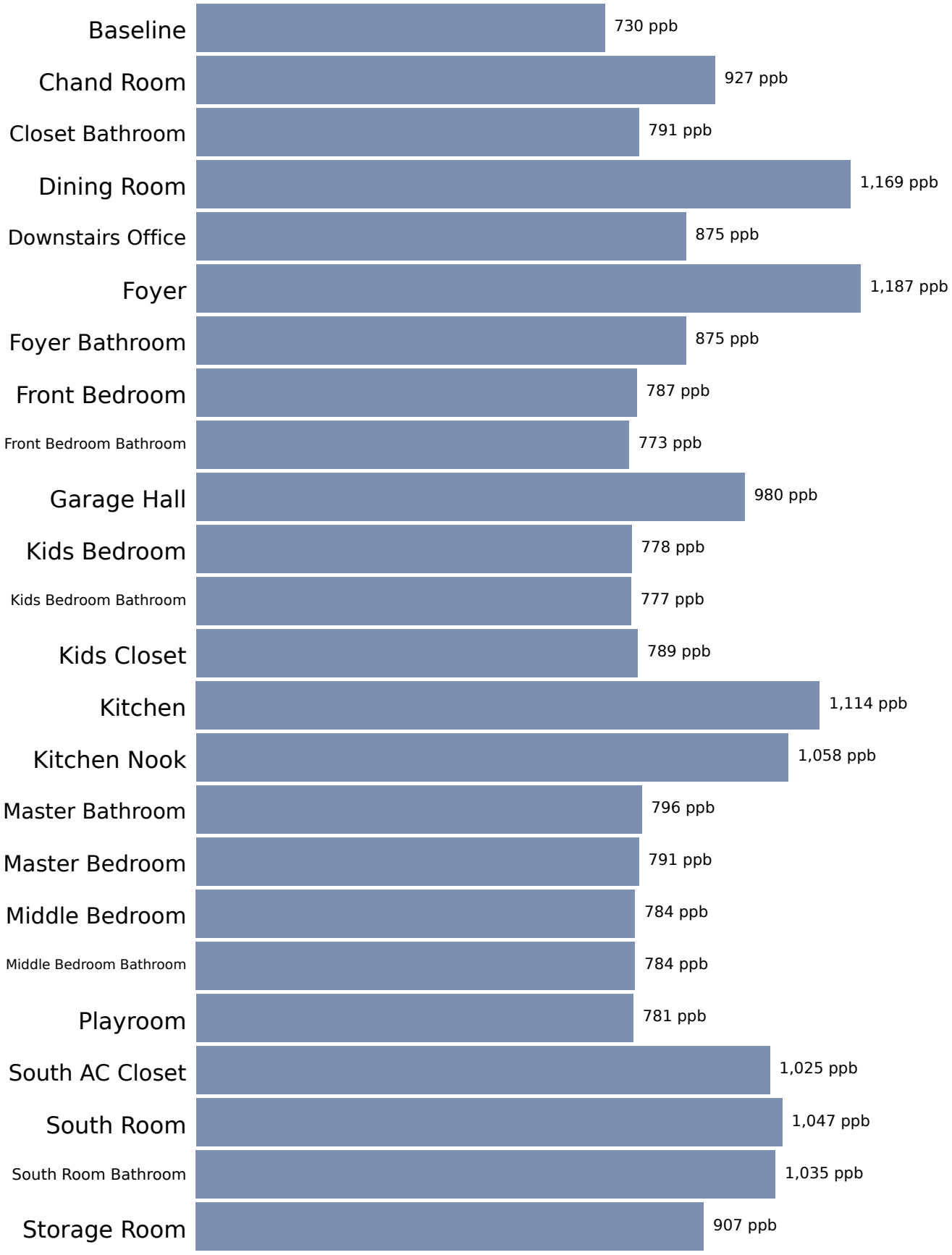


Scan-by-Scan PM Comparison, continued



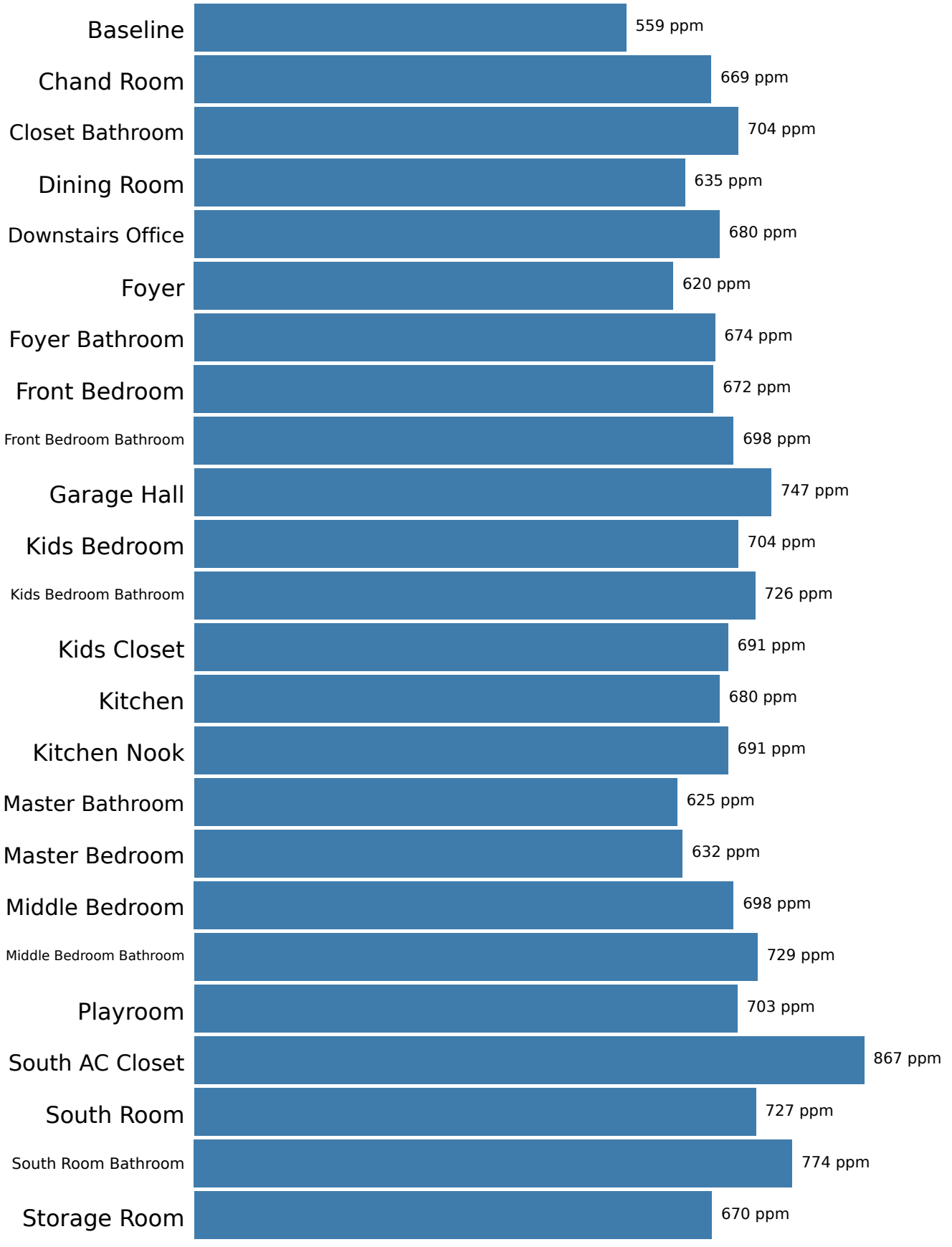
Scan-by-Scan VOC Comparison

The Scan by Scan VOC Comparison chart shows each area's VOC levels, in parts per billion (ppb), as they compare to each other.



Scan-by-Scan CO_2 Comparison

The Scan by Scan CO_2 Comparison chart shows each area's CO_2 levels in parts per million (ppm) as they compare to each other.



Area Result Summaries

Below are the Area Result Summaries that show a breakdown of information of every area scanned. For each room, you can see the GYR color code for mold results, quiescent and resuspended results if applicable, total biological breakdowns, and source tracking results for any sections of the room that picked up increased levels of mold. Photos and additional source tracking details appear at the end of the report.

Chand Room Summary

AREA STATS

VOC 927ppb | CO_2 669ppm | Humidity 51% | Temp 74°F

PARTICULATE MATTER (P/M³)

	MOLD (Y)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	11K	6.9K	9.2K	27K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Closet Bathroom Summary

AREA STATS

VOC 791ppb | CO_2 704ppm | Humidity 55% | Temp 69°F

PARTICULATE MATTER (P/M³)

	MOLD (R)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	44K	12K	32K	89K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Dining Room Summary

AREA STATS

VOC 1169ppb	C0₂ 635ppm	Humidity 51%	Temp 74℉

PARTICULATE MATTER (P/M³)

	MOLD (Y)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	30K	12K	31K	73K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Downstairs Office Summary

AREA STATS

VOC 875ppb	C0₂ 680ppm	Humidity 50%	Temp 75℉

PARTICULATE MATTER (P/M³)

	MOLD (Y)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	24K	9K	5.8K	39K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Foyer Summary

AREA STATS

VOC 1187ppb	C0₂ 620ppm	Humidity 52%	Temp 74℉

PARTICULATE MATTER (P/M³)

	MOLD (G)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	4.5K	5.4K	12K	22K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Foyer Bathroom Summary

AREA STATS

VOC 875ppb | C0₂ 674ppm | Humidity 52% | Temp 74℉

PARTICULATE MATTER (P/M³)

	MOLD	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	14K	0	7K	21K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Front Bedroom Summary

AREA STATS

VOC 787ppb | C0₂ 672ppm | Humidity 57% | Temp 71℉

PARTICULATE MATTER (P/M³)

	MOLD	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	16K	12K	5.8K	33K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Front Bedroom Bathroom Summary

AREA STATS

VOC 773ppb | C0₂ 698ppm | Humidity 57% | Temp 70℉

PARTICULATE MATTER (P/M³)

	MOLD	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	64K	2.9K	7.1K	74K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Garage Hall Summary

AREA STATS

VOC 980ppb	C0₂ 747ppm	Humidity 50%	Temp 75°F

PARTICULATE MATTER (P/M³)

	MOLD	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	14K	8.3K	13K	35K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

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Kids Bedroom Summary

AREA STATS

VOC 778ppb	C0₂ 704ppm	Humidity 55%	Temp 69°F

PARTICULATE MATTER (P/M³)

	MOLD	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	53K	16K	39K	110K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Kids Bedroom Bathroom Summary

AREA STATS

VOC 777ppb	C0₂ 726ppm	Humidity 54%	Temp 70°F

PARTICULATE MATTER (P/M³)

	MOLD	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	60K	22K	42K	120K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Kids Closet Summary

AREA STATS

VOC 789ppb	C0₂ 691ppm	Humidity 57%	Temp 68℉

PARTICULATE MATTER (P/M³)

	MOLD R	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	48K	8.4K	25K	81K
Resuspension	—	—	—	—

OBSERVATIONS

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SOURCETRACKING MOLD

—

Kitchen Summary

AREA STATS

VOC 1114ppb	C0₂ 680ppm	Humidity 51%	Temp 74℉

PARTICULATE MATTER (P/M³)

	MOLD Y	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	8.8K	7.9K	20K	36K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Kitchen Nook Summary

AREA STATS

VOC 1058ppb	C0₂ 691ppm	Humidity 53%	Temp 73℉

PARTICULATE MATTER (P/M³)

	MOLD Y	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	15K	5.6K	11K	32K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Master Bathroom Summary

AREA STATS

VOC 796ppb	C0₂ 625ppm	Humidity 54%	Temp 75°F

PARTICULATE MATTER (P/M³)

	MOLD (Y)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	25K	34K	17K	76K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Master Bedroom Summary

AREA STATS

VOC 791ppb	C0₂ 632ppm	Humidity 54%	Temp 74°F

PARTICULATE MATTER (P/M³)

	MOLD (Y)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	12K	15K	5.2K	33K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Middle Bedroom Summary

AREA STATS

VOC 784ppb	C0₂ 698ppm	Humidity 58%	Temp 69°F

PARTICULATE MATTER (P/M³)

	MOLD (Y)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	23K	21K	12K	56K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Middle Bedroom Bathroom Summary

AREA STATS

VOC 784ppb	C0₂ 729ppm	Humidity 60%	Temp 68°F

PARTICULATE MATTER (P/M³)

	MOLD G	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	6.1K	10K	15K	31K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Playroom Summary

AREA STATS

VOC 781ppb	C0₂ 703ppm	Humidity 58%	Temp 68°F

PARTICULATE MATTER (P/M³)

	MOLD Y	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	26K	12K	11K	49K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

South AC Closet Summary

AREA STATS

VOC 1025ppb	C0₂ 867ppm	Humidity 50%	Temp 76°F

PARTICULATE MATTER (P/M³)

	MOLD R	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	58K	14K	25K	98K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

South Room Summary

AREA STATS

VOC 1047ppb	C0₂ 727ppm	Humidity 49%	Temp 75°F

PARTICULATE MATTER (P/M³)

	MOLD (Y)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	27K	6.1K	14K	46K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

South Room Bathroom Summary

AREA STATS

VOC 1035ppb	C0₂ 774ppm	Humidity 49%	Temp 76°F

PARTICULATE MATTER (P/M³)

	MOLD (Y)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	30K	6.4K	8.8K	45K
Resuspension	—	—	—	—

OBSERVATIONS

—

SOURCETRACKING MOLD

—

Storage Room Summary

AREA STATS

VOC 907ppb	C0₂ 670ppm	Humidity 52%	Temp 74°F

PARTICULATE MATTER (P/M³)

	MOLD (G)	POLLEN	BACTERIA/VIRUS	TOTAL BIO
Quiescent	7.2K	7.2K	3.3K	18K
Resuspension	—	—	—	—

OBSERVATIONS

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SOURCETRACKING MOLD

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