



Instituto de Ciencias  
del Mar y Limnología



# Protocolo para el regreso a las actividades en el ICML

COVID-19

agosto, 2020



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# 1. Introducción

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Estos lineamientos tienen como objetivo establecer las medidas específicas sobre promoción y protección de la salud de la comunidad universitaria que deberán ser implementadas en todas las entidades y dependencias en la reanudación de actividades laborales, sociales, educativas, deportivas y culturales de forma ordenada, paulatina y progresiva, procurando en todo momento la protección del Derecho Humano a la salud.

Para lograr un retorno a las actividades laborales que sea seguro, responsable y confiable, y en concordancia con las recomendaciones de la UNESCO *Respuesta del ámbito educativo al COVID 19. Preparación para la reapertura de las escuelas*, la UNAM regresará a sus actividades no escolares en forma disminuida, gradual y diferenciada **10 días hábiles después de que el semáforo sanitario municipal o estatal se encuentre en amarillo.**

Los directores de las entidades académicas y dependencias administrativas establecerán, desde el inicio de la fase amarilla y previo a la reapertura, todas las medidas de prevención y seguridad anunciadas y consensuadas con las comisiones locales de seguridad y de conformidad con el documento *Lineamientos generales para el regreso a las actividades universitarias en el marco de la pandemia*, aprobado el 12 de noviembre de 2021.

Invitamos a la comunidad del ICML a participar en este ejercicio con el fin de proteger la salud de todos y todas.

El presente documento fue revisado y aprobado por la Comisión Local de Seguridad en la reunión del 19 de agosto del 2020, y actualizado de conformidad con los nuevos lineamientos.

***Versión aprobada por el Comité de Seguimiento el día 29 de septiembre de 2021.***





## 2. Lineamientos generales

Es recomendable quedarse en casa si:

### A) Formas parte de los grupos de riesgo



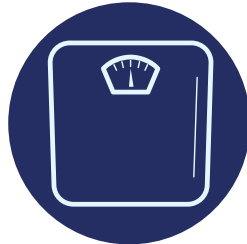
Personas de +  
de 65 años



Embarazadas



Niñ@s menores  
de 5 años

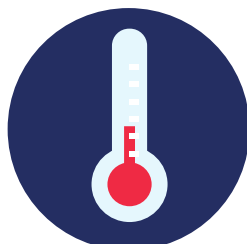


Personas con  
obesidad  
o sobrepeso

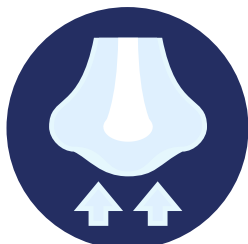


Personas con  
enfermedades  
inmunodepresivas,  
crónicas, cardíacas,  
pulmonares, renales,  
hepáticas, sanguíneas  
o metabólicas

### B) Presentas síntomas asociados con enfermedades respiratorias o COVID-19



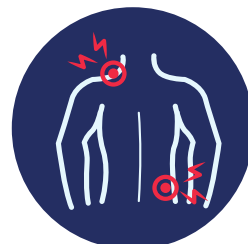
Fiebre  
(mayor de 37.8 °C)



Pérdida del olfato  
y gusto



Tos



Malestar y/o dolor  
de cuerpo



Dolor de cabeza



Dolor de garganta



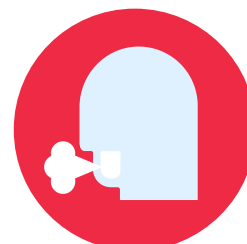
Congestión nasal



Diarrea



Fatiga



Falta de aire  
(gravedad)

### C) Las características de tu trabajo te permiten realizarlo de manera remota (home office)



### **3. Consideraciones generales para el personal que acuda a las instalaciones**

Académicos, administrativos y estudiantes (becarios, servicio social, tesistas, posdoctorado) deberán atender las siguientes recomendaciones:

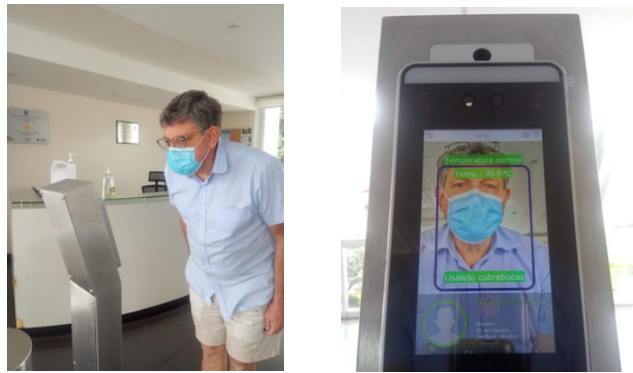
- Evita la presencia de acompañantes. En caso de requerirlo deberán cumplir con los lineamientos establecidos en el Protocolo de permanencia en las instalaciones.
- No están permitidos los visitantes.
- En caso de recibir documentación o paquetería, esta se recibirá en la entrada del instituto.
- Si debes usar el transporte público, es recomendable no hacerlo en "horas pico", y establecer un horario de trabajo de 11:00 a 17:00 h. En el caso de la comunidad estudiantil, los académicos responsables se encargarán de fijar horarios que le sean favorables a los estudiantes para evitar aglomeraciones, así como determinar si es necesaria su asistencia.
- No habrá actividades presenciales que impliquen un aforo que comprometa la sana distancia.
  - Seminarios, conferencias, charlas, talleres, etc., deberán organizarse de forma virtual. Puedes solicitar el apoyo de la oficina de Comunicación y Difusión, y de la Secretaría Técnica para su realización.
  - En caso de que las actividades presenciales se reanuden, el aforo deberá cumplir con los lineamientos detallados en el Anexo 1: Planos de aforo y ventilación del auditorio, aulas, y Unidades Académicas.
- Para acudir al instituto es necesario enviar un correo a la Secretaría Académica (con copia a la Secretaría Administrativa), quien es la encargada de atender y autorizar la asistencia del personal académico y de la comunidad estudiantil (la autorización previa del asesor es necesaria).
- En el caso específico de los laboratorios, consulta el apartado 6: Protocolo de permanencia en los laboratorios.

### **4. Protocolo de ingreso y salida de las instalaciones**

Al ingresar al ICML deberás pasar por la terminal multibiométrica de reconocimiento facial que realiza la detección de temperatura corporal y un escaneo facial.

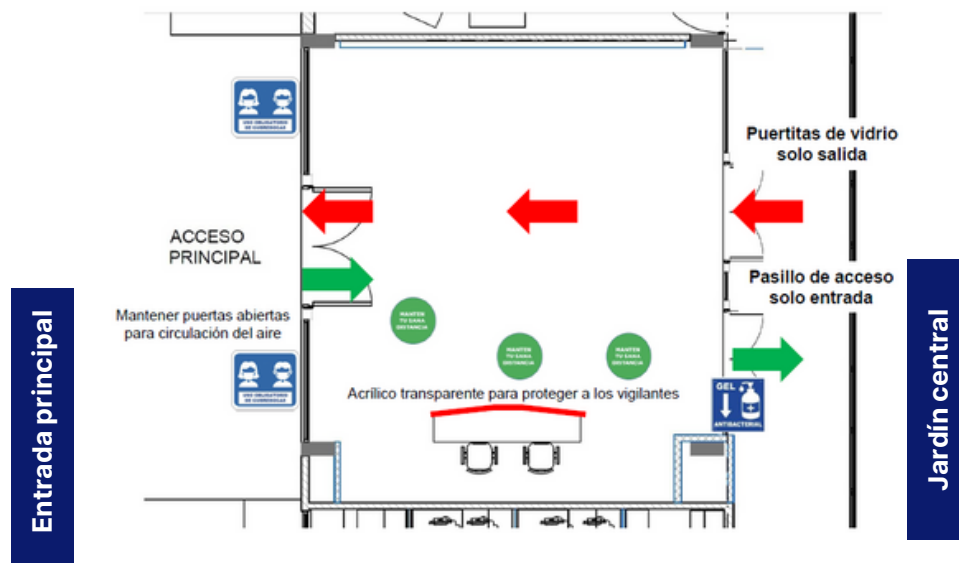


La terminal emitirá una alarma si tu temperatura es superior a los 37.8 °C y/o no portas el cubrebocas, o lo portas de manera incorrecta (Fig.1).



**Fig. 1. Ejemplo de uso de la terminal multibiométrica**

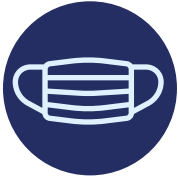
- Si presentas una temperatura mayor a 37.8 °C, no portas cubrebocas, o lo portas de manera incorrecta no podrás entrar al instituto.



- Usa el cubrebocas de forma correcta (cubriendo boca, nariz y barbilla). Si no dispones de uno, puedes solicitarlo en el área de vigilancia.
- Aplica gel antibacteriano (60%) en tus manos; el dispensador se encontrará en la entrada.

- No debes presentar síntomas asociados con enfermedades respiratorias o COVID-19, o formar parte de los grupos de riesgo.
- La salida será por las puertas de cristal que están a un costado del torniquete.

## 5. Protocolo de permanencia en las instalaciones



Usa el cubrebocas de forma correcta (cubriendo boca, nariz y barbilla), en todo momento.



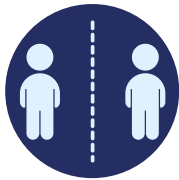
Procura un lavado constante de manos y/o uso de gel antibacterial.

- Tira los pañuelos desechables en los contenedores asignados.
- Se han instalado despachadores de gel en los pasillos de todo el instituto, y de manera regular se llenarán los despachadores de jabón de todos los baños.



Evita el contacto físico (saludo de mano, abrazos, besos).

- Se colocarán mamparas de acrílico en los escritorios del personal que atienda a usuarios y se limitará la capacidad del aforo de las oficinas administrativas (consulte el Anexo 2: Plano de aforo y ventilación de oficinas).
- Se promoverá el uso de correo electrónico y plataformas digitales para realizar trámites académicos y administrativos.



Mantén una sana distancia de al menos 1.8 m, la cual estará señalada en puntos estratégicos del instituto.



En la medida que puedas, mantén siempre abiertas ventanas y puertas.

- Se proveerá de ventiladores de torre a aquellas áreas que lo requieran.
- Se llevará a cabo la determinación de aforos en espacios de acuerdo con las recomendaciones generales de la *Guía para determinar la ventilación en espacios cerrados durante la pandemia por COVID-19*.



No se permite el uso del elevador.

- En caso de ser necesario, su uso estará reservado preferentemente para las necesidades de personas con discapacidad o de edad mayor. Solo podrá usarlo una persona a la vez.





Adopta el estornudo/tos de etiqueta (ángulo interno del brazo).



Evita tocarte la cara (ojos, nariz, boca).



Evita tocar, en la medida de lo posible, cualquier tipo de superficie, barandales, puertas, muros, botones, etc. Si es necesario hacerlo, asegúrate de lavar tus manos posteriormente.



No compartas materiales, instrumentos y/o cualquier objeto de uso personal.



Evita, en la medida de lo posible, el uso de joyería y corbatas.



Para ingerir alimentos, es preferible que acudas a espacios al aire libre o en todo caso al comedor, respetando la sana distancia (se indicará en el comedor la afluencia máxima).



Utiliza la ropa de trabajo de acuerdo a la categoría y funciones, así como de conformidad a lo aprobado por la Comisión Mixta Permanente de Seguridad y Salud en el Trabajo. Porta tu credencial de identificación (UNAM o INE).

## 6. Protocolo de permanencia en laboratorios

Toda persona que haga uso de los laboratorios, deberá atender las siguientes recomendaciones:

- Dependiendo de los  $m_2$  de cada laboratorio, se debe cumplir con la distribución adecuada para que el personal que labore dentro lo haga conservando la sana distancia (consulte el Anexo 3: Planos de aforo y ventilación de laboratorios).

## 7. Protocolo para trabajo de campo

- Considerando que las actividades del ICML en mares, zonas costeras y cuerpos de agua dulce requieren de un monitoreo continuo y calendarizado, y con base en el cuarto y quinto punto del Acuerdo del 11 de junio del 2020, el Consejo Interno de este instituto evaluará las solicitudes y determinará las medidas necesarias para disminuir el riesgo de contagios entre los miembros del personal.
- Queda restringida la participación en trabajos de campo del Personal Académico, a aquellas personas que se encuentran dentro de la población vulnerable ante la COVID-19. En este grupo se incluye a mayores de 65 años, con diabetes, hipertensión, sobrepeso y enfermedades autoinmunes.
- No está permitida la participación en actividades de campo a estudiantes registrados en cualquier entidad de la UNAM o de otra Institución nacional o internacional, de cualquier nivel en calidad de tesista, servicio social, becario o colaborador.
- Los responsables de los proyectos de investigación que soliciten salidas de campo, deberán realizar un diagnóstico del estado de salud de los participantes y supervisar las medidas sanitarias básicas inmediatamente antes de la salida. Esto incluye, la toma de la temperatura corporal, registro del nivel de oxígeno y un examen diagnóstico sobre síntomas relacionados con COVID-19. Los datos deberán registrarse en una bitácora al inicio y término de cada salida. Los responsables de los proyectos deberán dar seguimiento de las condiciones de salud de los participantes durante catorce días posteriores al término de la salida, con la finalidad de detectar posibles síntomas relacionados con la COVID-19.
- En caso de requerir transportación vía terrestre para llegar al sitio de trabajo, el número de participantes será el que corresponda a la mitad del cupo del vehículo. Durante el traslado, las ventanas deberán estar abiertas asegurando una ventilación continua en todo momento. Asimismo, durante el traslado y por los días que dure la salida al campo, el personal participante implementará las medidas necesarias para evitar contagios, como la distancia mínima requerida, uso de cubrebocas, lavado continuo de manos y uso de gel antibacterial.
- Los miembros del Personal Académico podrán realizar trabajos de campo que requieran el uso de embarcaciones pertenecientes o no al Instituto cuando la Capitanía de Puerto correspondiente lo autorice. En caso de ser permitido, solo podrán participar como máximo 4 personas o la mitad del cupo de la embarcación.



- En caso de que las actividades de buceo sean indispensables, no se deberá compartir el equipo. Asimismo, antes y después de la actividad sub-acuática se deberán de llevar a cabo las medidas básicas sanitarias como la distancia mínima requerida, uso de cubrebocas, lavado continuo de manos y el uso de gel antibacterial.

## 8. Aseo de espacios

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- Se proveerá de material de limpieza y de equipo de protección personal a los auxiliares de intendencia para que puedan realizar de manera adecuada sus funciones.
- Todas las áreas de trabajo deberán ser limpiadas y desinfectadas al término de las actividades utilizando germicidas, soluciones de alcohol (al menos al 60%), y/o solución de cloro.
- Se les recomendará a los usuarios la limpieza constante de sus áreas de trabajo y materiales de uso continuo (escritorio, teclado, teléfono). Se les proveerá de los insumos necesarios.
- Los sanitarios también serán limpiados de manera continua.
- Todas las mañanas el jefe de servicios revisará que se disponga de los insumos necesarios, como: agua potable, jabón, gel antibacterial (60%) y toallas de papel desechables.
- Se dispondrá de bolsas de plástico destinadas exclusivamente para desechos, como: cubrebocas y papel que haya sido utilizado para cubrir boca o nariz.
- Se recomienda no mezclar productos químicos para la limpieza de las áreas, ya que pueden generarse sustancias tóxicas perjudiciales para la salud.

## 9. Protocolo ante casos sospechosos de contagio

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Si tú, un familiar o un conocido con el que hayas tenido contacto, tiene sospecha de haber contraído la COVID-19, no te alarmes y sigue las siguientes recomendaciones:

Contacta a la Secretaría Administrativa del ICML, para que puedan brindarte información sobre atención a la comunidad de acuerdo con la *Guía para personas con sospecha de infección COVID-19* (consulta el Anexo 4: Bitácora de seguimiento al personal con sospecha de la COVID-19).

- El Gobierno de la Ciudad de México también ha puesto a disposición de la ciudadanía diversas herramientas para poder valorar si una persona ha contraído la COVID-19.



Puedes enviar un mensaje de texto (SMS) con la palabra Covid19 al 51515 y contestar las preguntas.



Puedes ingresar en la página web: [test.covid19.cdmx.gob.mx](http://test.covid19.cdmx.gob.mx), y contestar un cuestionario.



Puedes llamar al (55) 5658-1111 (Locatel).

- En caso de confirmarse el diagnóstico (propio, el de un familiar o conocido con el que hayas tenido contacto), por favor notifícalo a la Secretaría Administrativa del ICML para poder tomar las medidas pertinentes, siguiendo el principio de "no discriminación" de acuerdo con la *Guía para personas con infección COVID-19 (prueba positiva)*.
- Sigue las recomendaciones del personal de salud, y por favor, no te automediques.

## 10. Cursos de capacitación

Los cursos de capacitación están dirigidos a toda la comunidad (académicos, administrativos y estudiantes), y son gratuitos. Deberán tomarse vía remota, respetando los lineamientos generales establecidos por la UNAM y de acuerdo con lo que notifique la administración central.

- Prevención y control de infecciones (PCI) causadas por el nuevo coronavirus (COVID-19)

<https://openwho.org/courses/COVID-19-PCI-ES>



- Nuevos virus respiratorios, incluido el COVID-19: métodos de detección, prevención, respuesta y control

<https://openwho.org/courses/introduccion-al-ncov>



- Todos contra la epidemia COVID-19

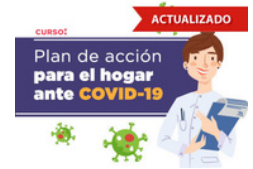
<http://www.imss.gob.mx/prensa/archivo/202003/122>



- Recomendaciones para un retorno seguro al trabajo ante COVID-19  
<https://climss.imss.gob.mx/>



- Plan de acción para el hogar ante COVID-19  
<https://climss.imss.gob.mx/>



## 11. Avisos a la comunidad

- La Secretaria Administrativa, Lic. Tabata Esbeyde Hernández Galindez, ha sido nombrada como la Responsable Sanitaria, con el apoyo correspondiente, de las actividades señaladas en este protocolo de acción, y lo comunicará al Comité de Seguimiento COVID-19.
- La oficina de Comunicación y Difusión mantendrá informada a la comunidad sobre el desarrollo del semáforo de riesgo epidemiológico, así como de la evolución de la pandemia.

## 12. Referencias

- Apoyo de la UNESCO: respuesta del ámbito educativo a la COVID-19.  
<https://es.unesco.org/covid19/educationresponse/support>
- Lineamientos generales para el regreso a las actividades universitarias en el marco de la pandemia.  
[https://www.dgcs.unam.mx/boletin/bdboletin/2020\\_528.html](https://www.dgcs.unam.mx/boletin/bdboletin/2020_528.html)
- Comisión Universitaria para la Atención de la Emergencia por coronavirus.  
<https://covid19comisionunam.unamglobal.com/>
- OMS: Preguntas y respuestas sobre la enfermedad por coronavirus (COVID-19).  
[https://www.who.int/es/emergencias/diseases/novel-coronavirus-2019/advice-for-public/q-a-coronaviruses?gclid=Cj0KCQjw7Nj5BRCZARIsABwxDKIWDJtlm6-JwiivNs7aCKcV6rsJaxlgvfPd5rfvt1Xweq32eLwNT2IaArFIEALw\\_wcB](https://www.who.int/es/emergencias/diseases/novel-coronavirus-2019/advice-for-public/q-a-coronaviruses?gclid=Cj0KCQjw7Nj5BRCZARIsABwxDKIWDJtlm6-JwiivNs7aCKcV6rsJaxlgvfPd5rfvt1Xweq32eLwNT2IaArFIEALw_wcB)

- Brote de enfermedad por coronavirus (COVID-19): orientaciones para el público.  
<https://www.who.int/es/emergencies/diseases/novel-coronavirus-2019/advice-for-public>
- Gobierno Federal. Sitio oficial COVID-19  
<https://coronavirus.gob.mx/>
- Instituto Mexicano del Seguro Social  
<http://climss.imss.gob.mx>

# 13. Anexo 1: Planos de aforo y ventilación del auditorio, aulas y Unidades Académicas



## Auditorio COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="119.57"/>
Average ceiling height (m): <input type="text" value="2.25"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="1"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: <b>60%</b>
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

### Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

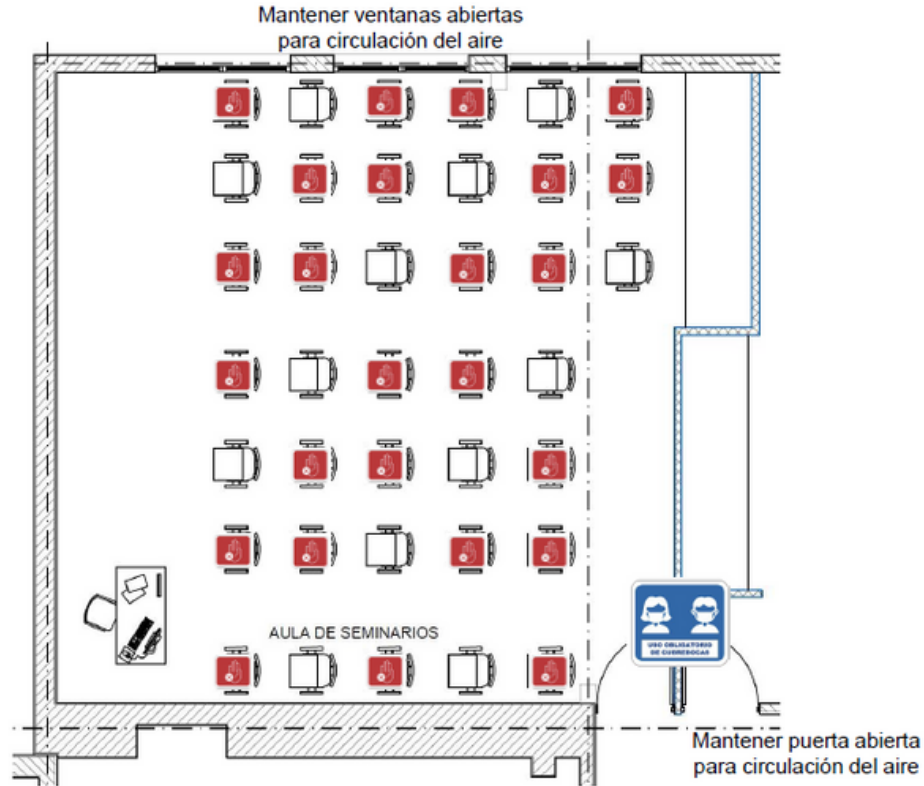
- 2 people for 39 hours
- 5 people for 10 hours
- 10 people for 5 hours
- 25 people for 2 hours
- 100 people for 40 minutes

people for 5 hours  
 11 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **35 people** which would violate the guideline\* after **89 minutes**.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.





About

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Room Specifications - Details

---

Human Behavior - Details

---

Other Parameters

---

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

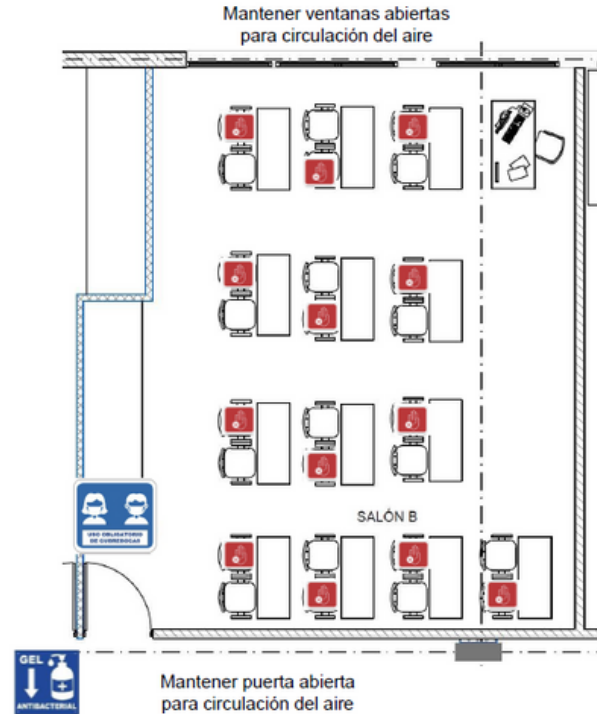
Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 52 hours (2 days)
- 5 people for 14 hours
- 10 people for 6 hours
- 25 people for 3 hours

people for 6 hours  
15 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 21 people which would violate the guideline\* after 3 hours.



About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<p><b>Room Specifications - Details</b></p> <p>Total floor area (m<sup>2</sup>): <input type="text" value="56.17"/></p> <p>Average ceiling height (m): <input type="text" value="2.6"/></p> <p>Ventilation (h<sup>-1</sup>, outdoor ACH): <input type="text" value="0.8"/></p> <p>Filtration System (MERV): <input type="text" value="0"/></p> <p>Recirculation Rate (h<sup>-1</sup>): <input type="text" value="0"/></p> <p>Relative Humidity: 80%</p> <p>1%: Very Dry    30%: Dry    60%: Average    85%: Very Humid</p>

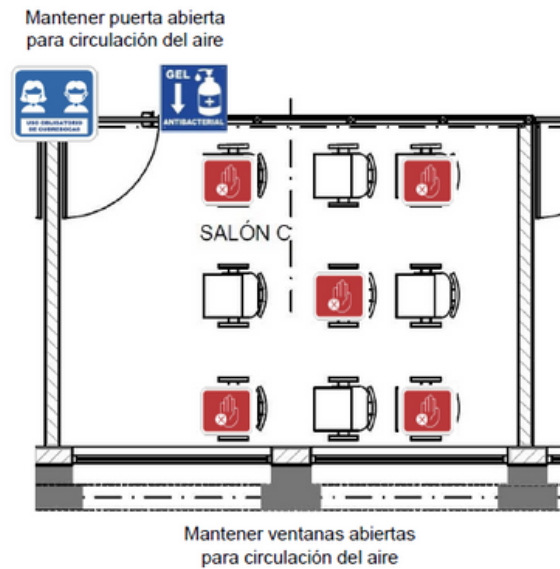
Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 15 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 60 minutes
- people for 2 hours
- 5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 16 people which would violate the guideline\* after 85 minutes.

\*The guideline restricts the probability of airborne transmission per infected person to be less than the risk tolerance over the cumulative exposure time listed.



About

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Room Specifications - Details

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Human Behavior - Details

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Other Parameters

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**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

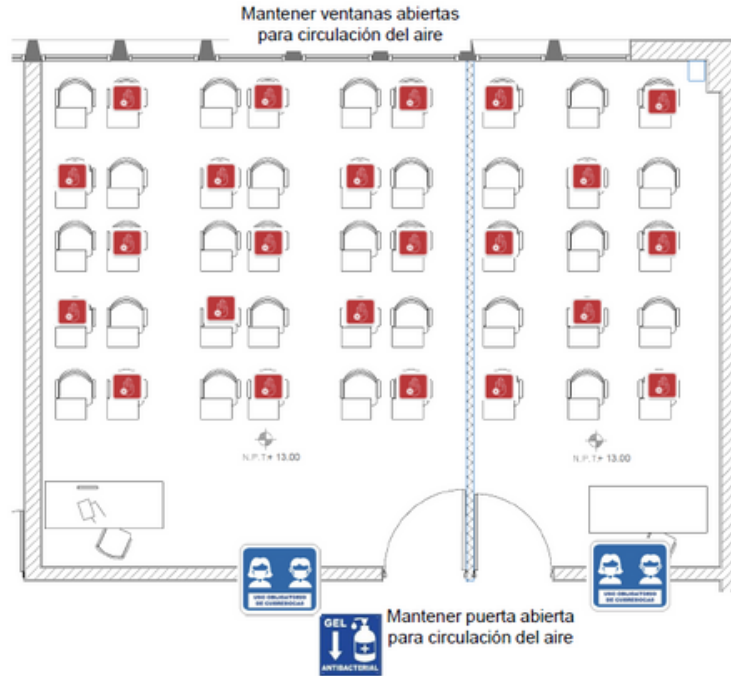
- 2 people for 5 hours
- 5 people for 87 minutes
- 10 people for 48 minutes

people for 48 minutes

2 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 4 people which would violate the guideline\* after 2 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity:  60%

1%: Very Dry    
  30%: Dry    
  60%: Average    
  99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 12 hours
- 5 people for 3 hours
- 10 people for 2 hours
- 25 people for 50 minutes

people for 2 hours

4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 12 people which would violate the guideline\* after 89 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: **60%**

1%: Very Dry
  30%: Dry
  60%: Average
  99%: Very Humid

### Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 7 hours
- 5 people for 2 hours
- 10 people for 69 minutes
- 25 people for 35 minutes

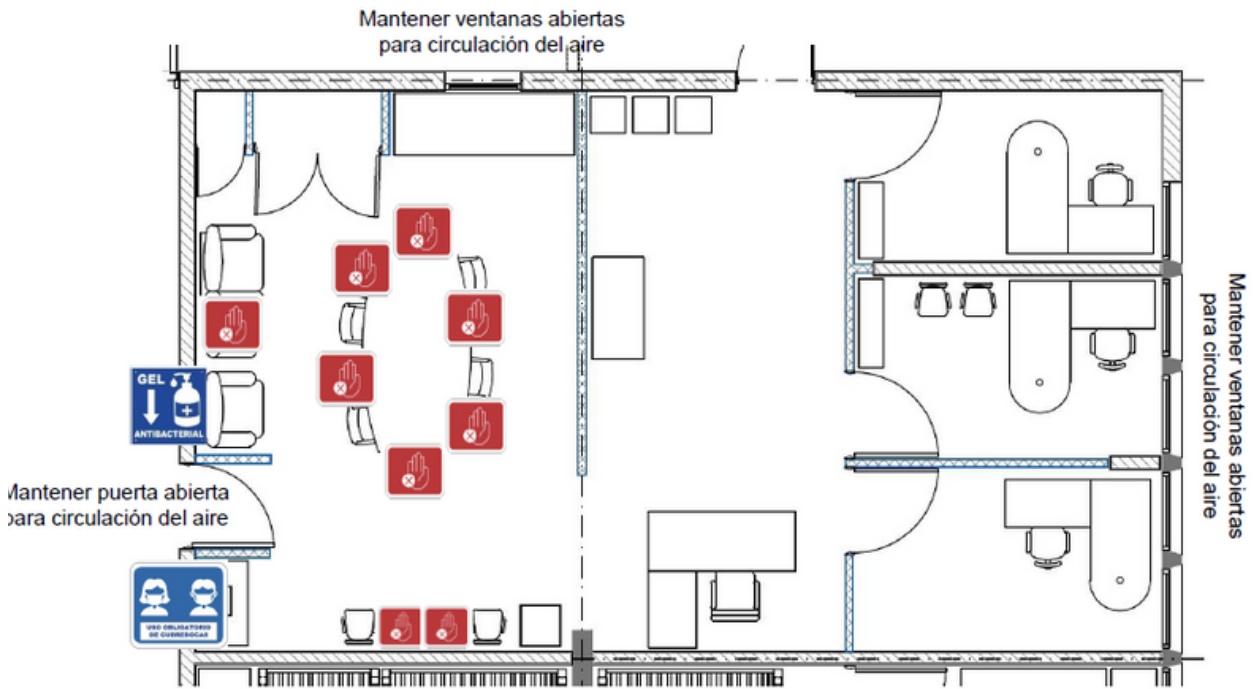
people for 69 minutes

2 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **7 people** which would violate the guideline\* after **2 hours**.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.





About	
Room Specifications - Details	
Human Behavior - Details	
Other Parameters	
<b>Room Specifications - Details</b>	
Total floor area (m <sup>2</sup> ):	<input type="text" value="32.57"/>
Average ceiling height (m):	<input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH):	<input type="text" value="0.6"/>
Filtration System (MERV):	<input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ):	<input type="text" value="0"/>
Relative Humidity: 60%	
1%: Very Dry	30%: Dry
60%: Average	99%: Very Humid

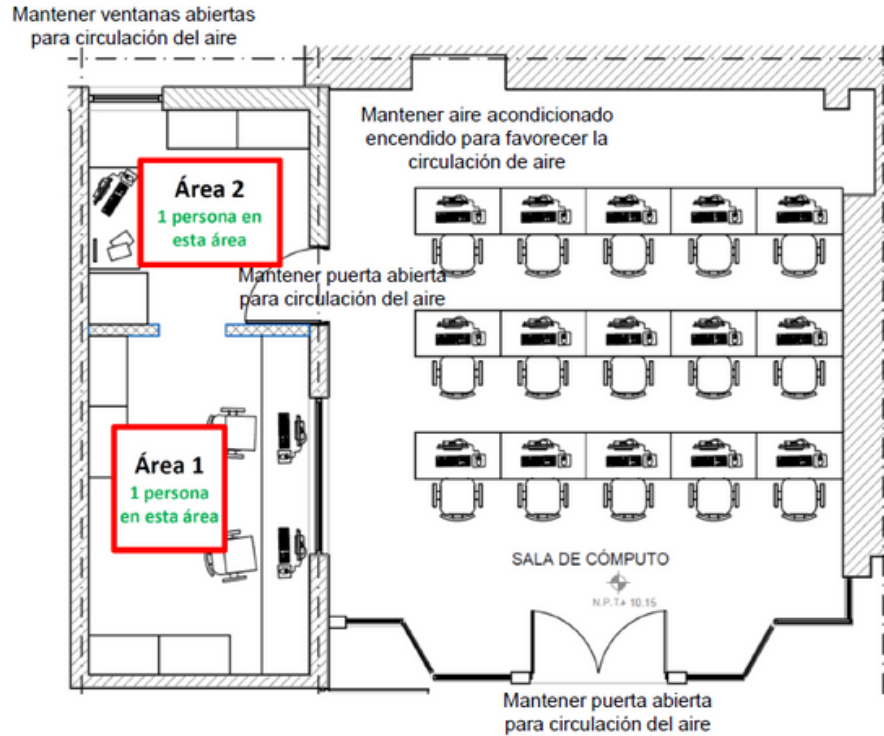
Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 9 hours
  - 5 people for 3 hours
  - 10 people for 83 minutes
  - 25 people for 41 minutes
- people for 83 minutes
- 3 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 9 people which would violate the guideline\* after 2 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



About

Room Specifications - Details

Human Behavior - Details

Other Parameters

**Human Behavior - Details**

Breathing Rate: 0.49 m<sup>3</sup>/hr  
Resting

Respiratory Activity: 72.00 q/m<sup>3</sup>  
Talking (normal)

Mask Type/Efficiency: 80%

0% (none, face shield)    50% (cotton, flannel)    70% (multilayer cotton, silk)    90% (disposable surgical)

Mask Fit/Compliance: 95%

0%: None    50%: Poor    95%: Good

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 17 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 61 minutes

10 people for 2 hours  
5 people for 4 hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 14 people which would violate the guideline\* after 2 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

About

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Room Specifications - Details

---

Human Behavior - Details

---

Other Parameters

---

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: **60%**

1%: Very Dry     30%: Dry     60%: Average     99%: Very Humid

### Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 6 hours
- 5 people for 2 hours
- 10 people for 60 minutes

people for 60 minutes

2 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **6 people** which would violate the guideline\* after **2 hours**.

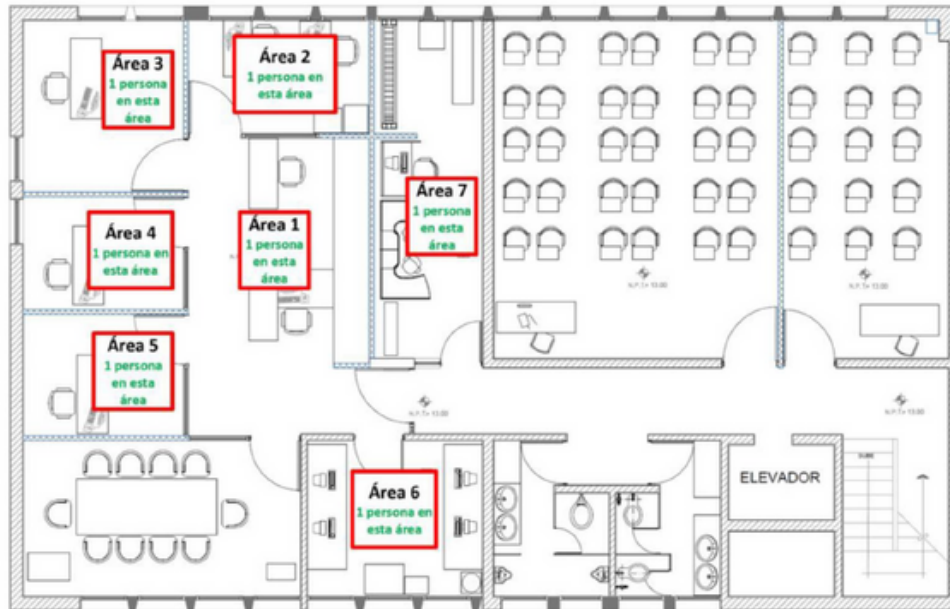
\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

# 14. Anexo 2: Planos de aforo y ventilación de oficinas (Edificio 4)

Posgrado  
E1N01

## COVID-19 Indoor Safety Guideline

Mantener todas las ventanas abiertas para circulación del aire



Mantener todas las puertas abiertas para circulación del aire

Posgrado  
E1N01

## COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area(m <sup>2</sup> ): <input type="text" value="119.22"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

### Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 33 hours
- 5 people for 9 hours
- 10 people for 4 hours
- 25 people for 2 hours
- 100 people for 38 minutes

people for 4 hours

10 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 35 people which would violate the guideline\* after 82 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="58.81"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 16 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 62 minutes

people for 2 hours  
5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **17 people** which would violate the guideline\* after **85 minutes**.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.



About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 13 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 53 minutes

people for 2 hours  
4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 14 people which would violate the guideline\* after 84 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 14 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 55 minutes

people for 2 hours  
4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 14 people which would violate the guideline\* after 86 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

## Ingresos Extraordinarios E1N02

## COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry  
 30%: Dry  
 60%: Average  
 99%: Very Humid

### Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 12 hours
- 5 people for 3 hours
- 10 people for 2 hours
- 25 people for 49 minutes

people for 2 hours  
 4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 12 people which would violate the guideline\* after 87 minutes.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

## Personal E1N02

## COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry  
 30%: Dry  
 60%: Average  
 99%: Very Humid

### Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 9 hours
- 5 people for 3 hours
- 10 people for 79 minutes
- 25 people for 39 minutes

people for 79 minutes  
 3 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 9 people which would violate the guideline\* after 87 minutes.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

About	<p><b>Calculate Safe Occupancy</b></p> <p>To limit COVID-19 transmission* after an infected person enters this space, there should be no more than:</p> <ul style="list-style-type: none"> <li>2 people for 12 hours</li> <li>5 people for 3 hours</li> <li>10 people for 2 hours</li> <li>25 people for 49 minutes</li> </ul> <p><input type="text" value="10"/> people for 2 hours</p> <p>4 people for <input type="text" value="4"/> hours</p> <p>In contrast, the six-foot (or two-meter) rule would limit occupancy to 12 people which would violate the guideline* after 88 minutes.</p> <p><small>*The guideline restricts the probability of <a href="#">airborne transmissions</a> per infected person to be less than the risk tolerance over the cumulative exposure time listed.</small></p>
Room Specifications - Details	
Human Behavior - Details	
Other Parameters	

**Room Specifications - Details**

Total floor area(m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

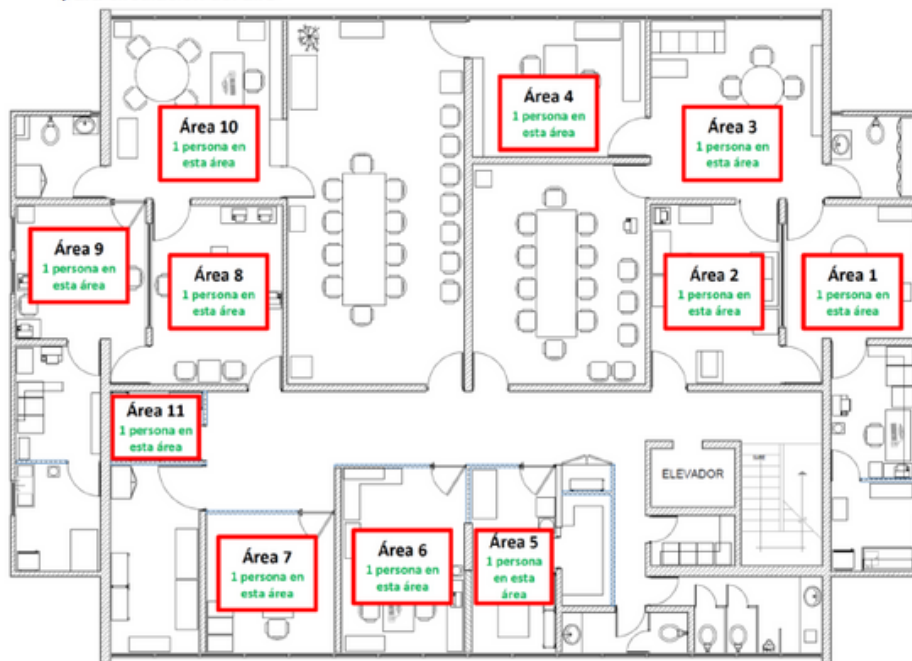
1%:  
Very  
Dry

30%: Dry

60%: Average

99%:  
Very  
Humid

Mantener todas las ventanas abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About

---

Room Specifications - Details

Human Behavior - Details

Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry    30%: Dry    60%: Average    99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 21 hours
- 5 people for 6 hours
- 10 people for 3 hours
- 25 people for 74 minutes

people for 3 hours  
6 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 22 people which would violate the guideline\* after 82 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

About

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Room Specifications - Details

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Human Behavior - Details

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Other Parameters

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**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: **60%**

1%: Very Dry       30%: Dry       60%: Average       99%: Very Humid

**Calculate Safe Occupancy**

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 17 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 63 minutes

people for 2 hours

5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 17 people which would violate the guideline\* after 86 minutes.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.



# 15. Anexo 3: Planos de aforo y ventilación de laboratorios

Servicio Académico de Microscopía  
de Barrido  
E3NPBL06

COVID-19 Indoor Safety Guideline



Mantener todas las ventanas  
abiertas  
para circulación del aire

Mantener todas las puertas abiertas  
para circulación del aire

Servicio Académico de Microscopía  
de Barrido  
E3NPBL06

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<p><b>Room Specifications - Details</b></p> <p>Total floor area (m<sup>2</sup>): <input type="text" value="38.32"/></p> <p>Average ceiling height (m): <input type="text" value="2.6"/></p> <p>Ventilation (hr<sup>-1</sup>, outdoor ACH): <input type="text" value="3"/></p> <p>Filtration System (MERV): <input type="text" value="6"/></p> <p>Recirculation Rate (hr<sup>-1</sup>): <input type="text" value="0"/></p> <p>Relative Humidity: 60%</p> <p> <input type="radio"/> 1%: Very Dry                     <input type="radio"/> 30%: Dry                     <input checked="" type="radio"/> 60%: Average                     <input type="radio"/> 99%: Very Humid                 </p>

### Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 26 hours
- 5 people for 7 hours
- 10 people for 3 hours
- 25 people for 76 minutes

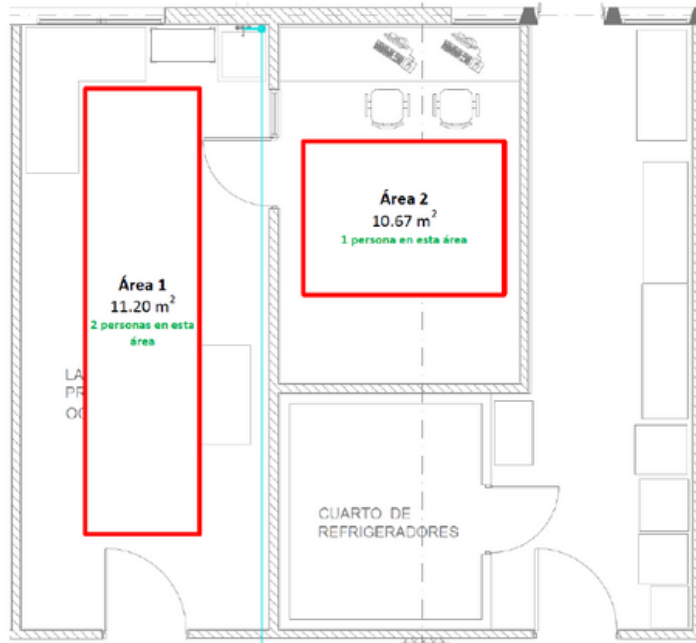
people for 3 hours

7 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 11 people which would violate the guideline\* after 3 hours.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 13 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 53 minutes

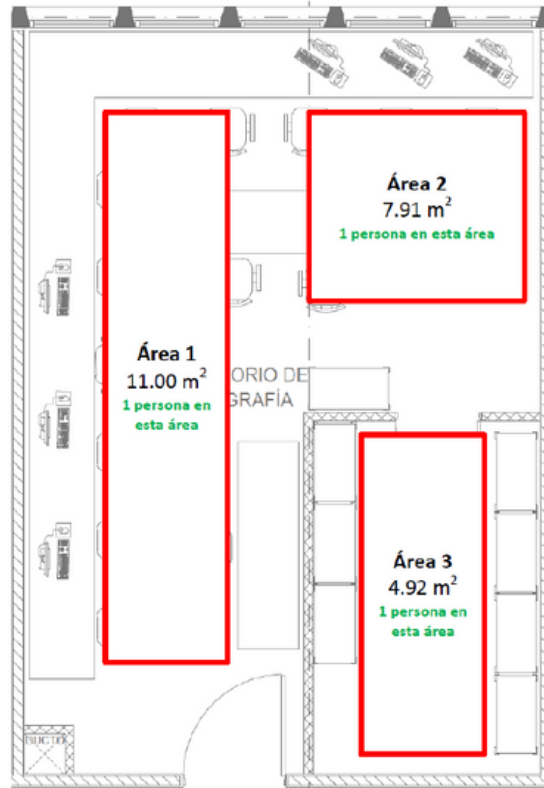
people for 2 hours

4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 13 people which would violate the guideline\* after 89 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas abiertas para circulación del aire



Mantener todas las puertas abiertas para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry    
  30%: Dry    
  60%: Average    
  99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 14 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 56 minutes

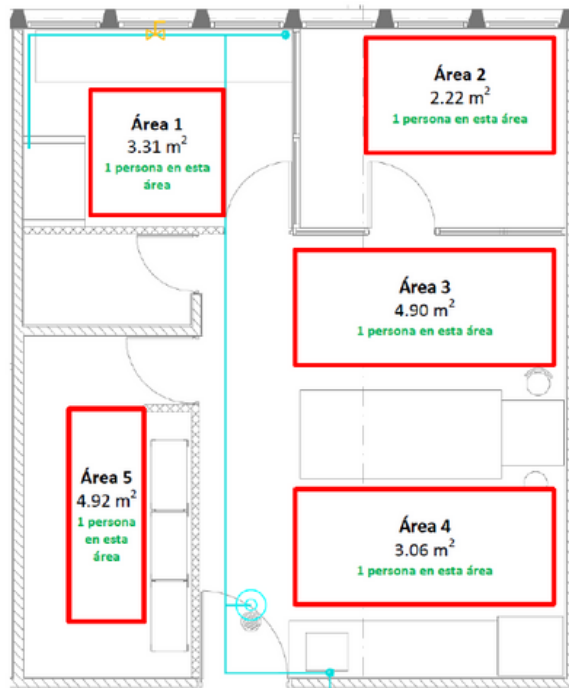
people for 2 hours

4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 14 people which would violate the guideline\* after 88 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="60.77"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

### Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 17 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 64 minutes

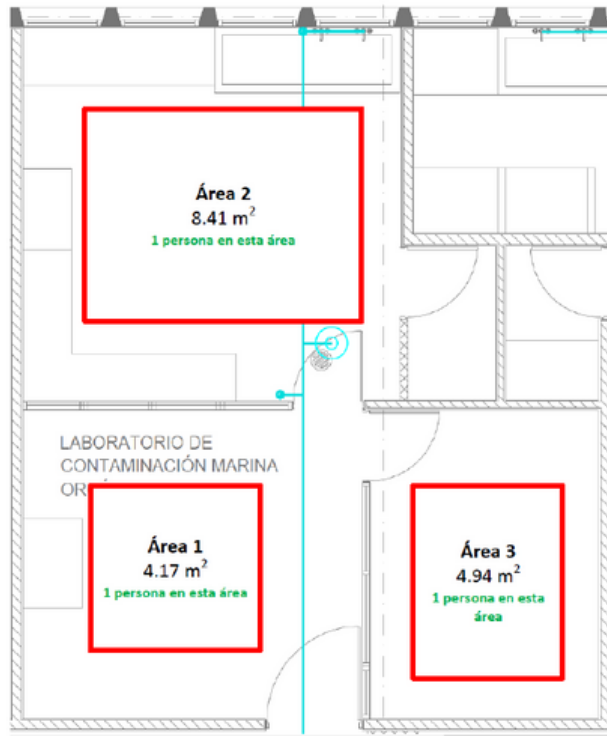
people for 2 hours

5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 18 people which would violate the guideline\* after 83 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="51.07"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

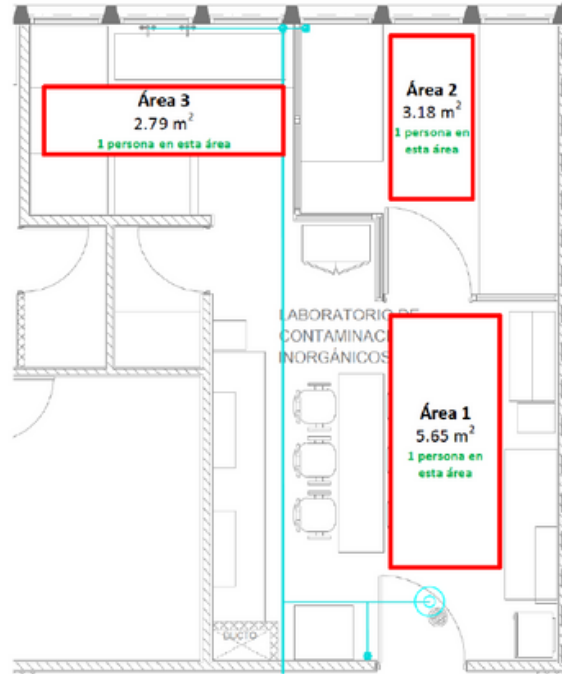
- 2 people for 14 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 57 minutes

people for 2 hours  
4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 15 people which would violate the guideline\* after 85 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 13 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 52 minutes

people for 2 hours  
4 people for  hours

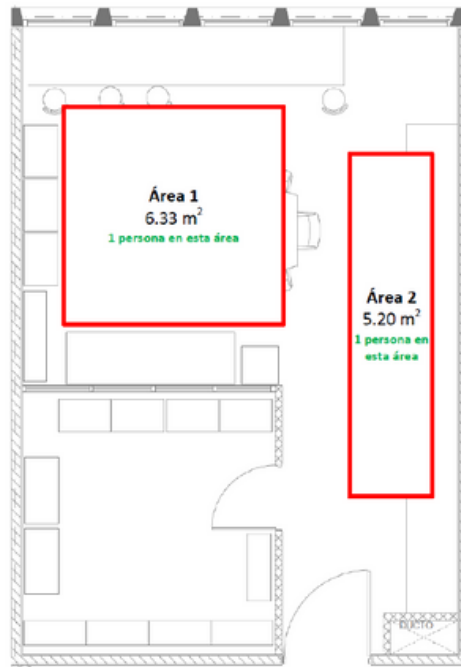
In contrast, the six-foot (or two-meter) rule would limit occupancy to 13 people which would violate the guideline\* after 87 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio de Contaminación  
Marina. Análisis  
E1NPBL06

Mantener todas las ventanas  
abiertas  
para circulación del aire

COVID-19 Indoor Safety Guideline



Mantener todas las puertas abiertas  
para circulación del aire

Laboratorio de Contaminación  
Marina. Análisis  
E1NPBL06

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="50.15"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 14 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 56 minutes

people for 2 hours  
4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 14 people which would violate the guideline\* after 88 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



Laboratorio de Ecología de Sistemas Pelágicos **COVID-19 Indoor Safety Guideline**  
E1NPBL07

Mantener todas las ventanas abiertas para circulación del aire



Mantener todas las puertas abiertas para circulación del aire

Laboratorio de Ecología de Sistemas Pelágicos **COVID-19 Indoor Safety Guideline**  
E1NPBL07

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="69.7"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 20 hours
- 5 people for 5 hours
- 10 people for 3 hours
- 25 people for 71 minutes

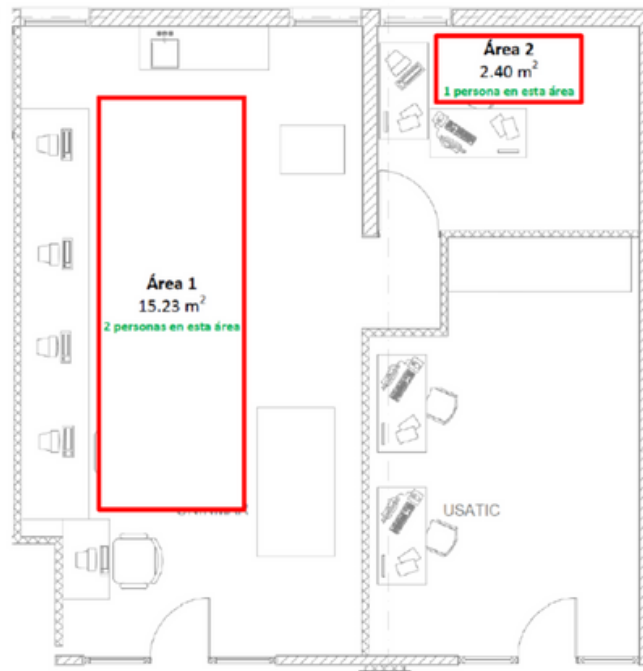
people for 3 hours

6 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 20 people which would violate the guideline\* after 85 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="50.71"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="3"/>
Filtration System (MERV): <input type="text" value="6"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 34 hours
- 5 people for 9 hours
- 10 people for 4 hours
- 25 people for 2 hours

people for 4 hours

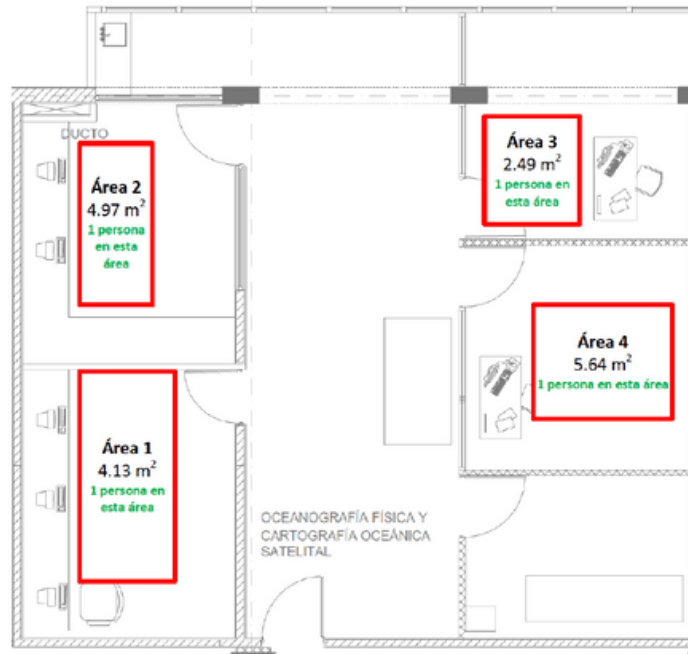
9 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 15 people which would violate the guideline\* after 3 hours.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

# Laboratorio de Oceanografía Física y Cartografía Satelital COVID-19 Indoor Safety Guideline E1NS1L02

Mantener todas las ventanas abiertas para circulación del aire



Mantener todas las puertas abiertas para circulación del aire

# Laboratorio de Oceanografía Física y Cartografía Satelital COVID-19 Indoor Safety Guideline E1NS1L02

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="90.95"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: <input type="text" value="60%"/>
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

## Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 25 hours
- 5 people for 7 hours
- 10 people for 3 hours
- 25 people for 87 minutes
- 100 people for 32 minutes

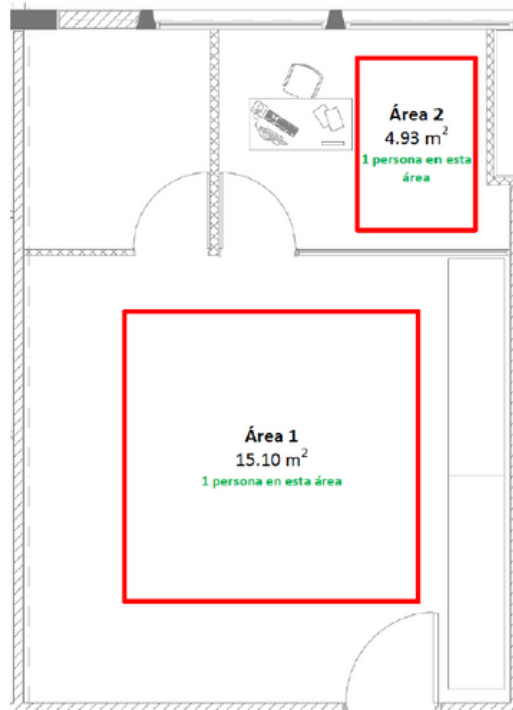
people for 3 hours

8 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **27 people** which would violate the guideline\* after **82 minutes**.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry    30%: Dry    60%: Average    99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 15 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 58 minutes

people for 2 hours  
5 people for  hours

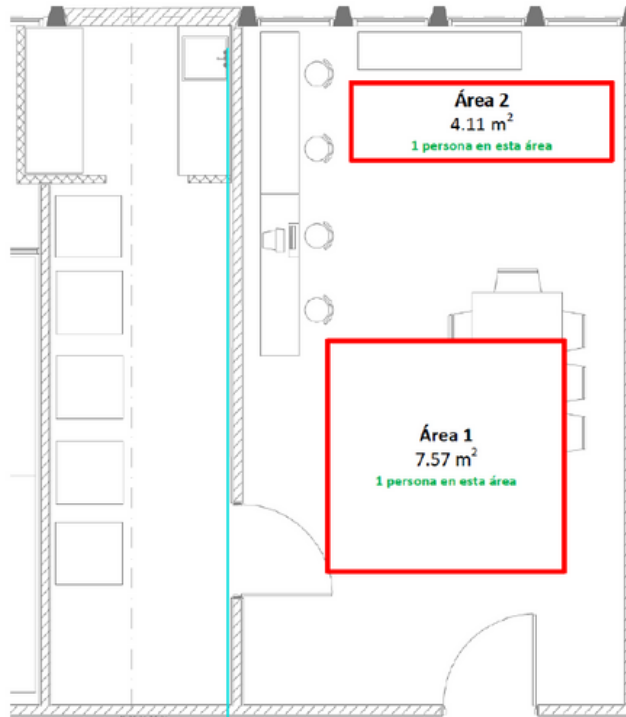
In contrast, the six-foot (or two-meter) rule would limit occupancy to 15 people which would violate the guideline\* after 87 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio de Zooplancton  
E1NS1L05

COVID-19 Indoor Safety Guideline

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

Laboratorio de Zooplancton  
E1NS1L05

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry     
  30%: Dry     
  60%: Average     
  99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

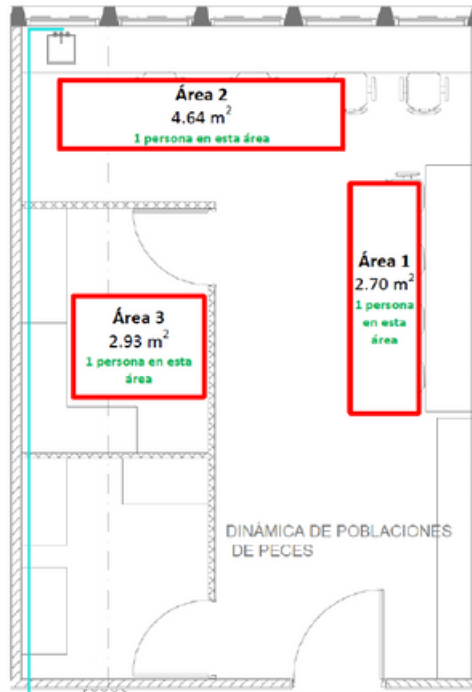
- 2 people for 12 hours
- 5 people for 3 hours
- 10 people for 2 hours
- 25 people for 48 minutes

people for 2 hours  
4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 12 people which would violate the guideline\* after 86 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas abiertas para circulación del aire



Mantener todas las puertas abiertas para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%:  30%: Dry  60%: Average  99%: Very Humid

Dry

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 14 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 56 minutes

people for 2 hours

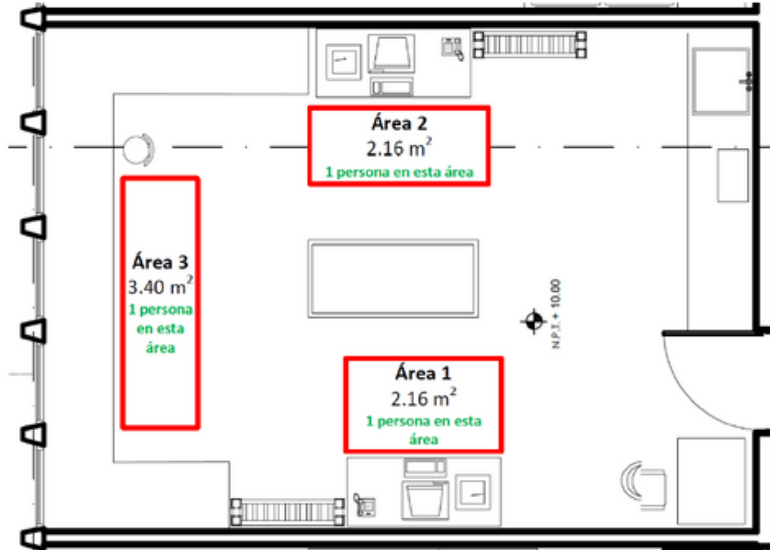
4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 14 people which would violate the guideline\* after 88 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio de Oceanografía Física 2 E1NS2L03 COVID-19 Indoor Safety Guideline

Mantener todas las ventanas abiertas para circulación del aire



Mantener todas las puertas abiertas para circulación del aire

Laboratorio de Oceanografía Física 2 E1NS2L03 COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 14 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 55 minutes

people for 2 hours  
4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 14 people which would violate the guideline\* after 87 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About	
Room Specifications - Details	
Human Behavior - Details	
Other Parameters	
<b>Room Specifications - Details</b>	
Total floor area (m <sup>2</sup> ):	<input type="text" value="48.97"/>
Average ceiling height (m):	<input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH):	<input type="text" value="3"/>
Filtration System (MERV):	<input type="text" value="6"/>
Recirculation Rate (hr <sup>-1</sup> ):	<input type="text" value="0"/>
Relative Humidity: 60%	
1%: Very Dry	30%: Dry
60%: Average	98%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 33 hours
- 5 people for 8 hours
- 10 people for 4 hours
- 25 people for 2 hours

people for 4 hours  
9 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 14 people which would violate the guideline\* after 3 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

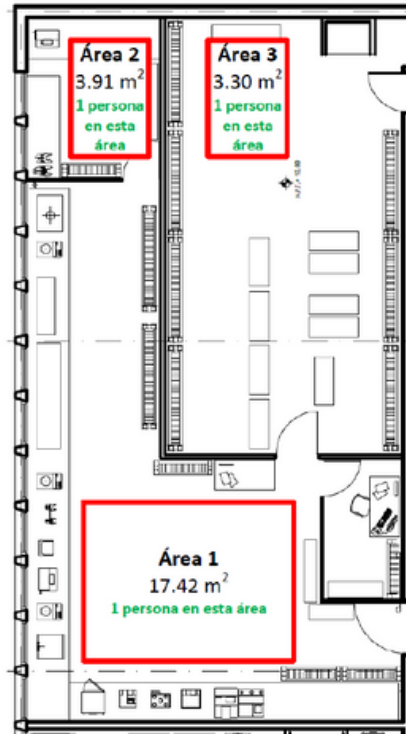
- 2 people for 19 hours
- 5 people for 5 hours
- 10 people for 3 hours
- 25 people for 71 minutes

people for 3 hours  
6 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 20 people which would violate the guideline\* after 85 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas abiertas para circulación del aire



Mantener todas las puertas abiertas para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="128.65"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: <b>60%</b>
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 36 hours
- 5 people for 9 hours
- 10 people for 4 hours
- 25 people for 2 hours
- 100 people for 40 minutes

people for 4 hours

11 people for  hours

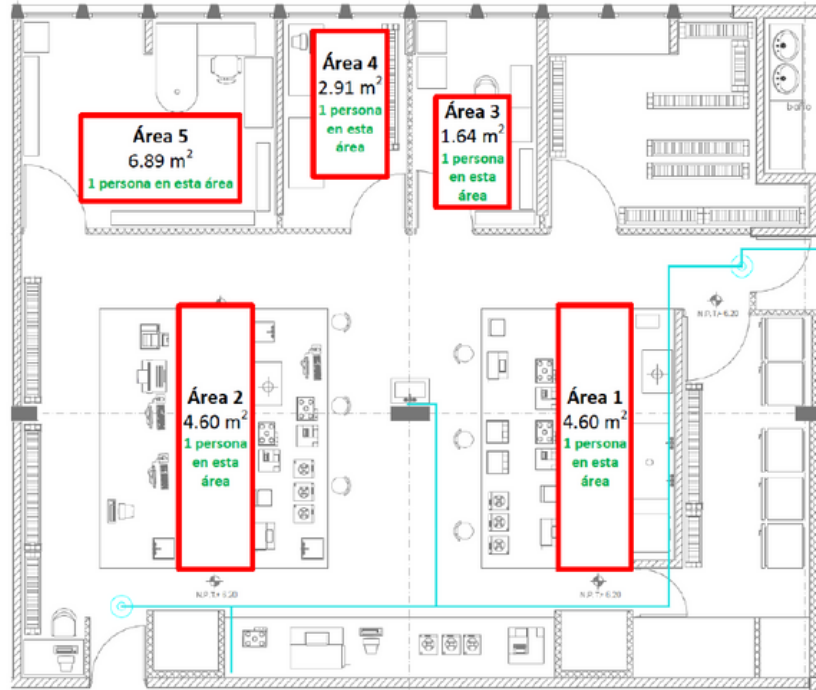
In contrast, the six-foot (or two-meter) rule would limit occupancy to **38 people** which would violate the guideline\* after **82 minutes**.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio de Biogeoquímica  
Acuática  
E2NPBL01

COVID-19 Indoor Safety Guideline

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

Laboratorio de Biogeoquímica  
Acuática  
E2NPBL01

COVID-19 Indoor Safety Guideline

About	
Room Specifications - Details	
Human Behavior - Details	
Other Parameters	
<b>Room Specifications - Details</b>	
Total floor area (m <sup>2</sup> ):	<input type="text" value="171.14"/>
Average ceiling height (m):	<input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH):	<input type="text" value="3"/>
Filtration System (MERV):	<input type="text" value="6"/>
Recirculation Rate (hr <sup>-1</sup> ):	<input type="text" value="0"/>
Relative Humidity: 60%	
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid	

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

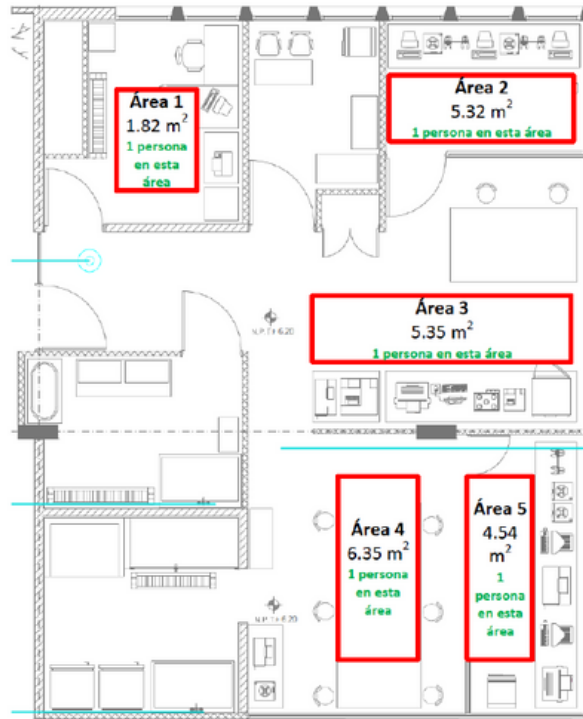
- 2 people for 113 hours (5 days)
- 5 people for 29 hours
- 10 people for 13 hours
- 25 people for 5 hours
- 100 people for 81 minutes

people for 13 hours  
31 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 51 people which would violate the guideline\* after 2 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="116.38"/>
Average ceiling height (m): <input type="text" value="2.8"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="3"/>
Filtration System (MERV): <input type="text" value="6"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: <input type="text" value="60%"/>
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 77 hours (3 days)
- 5 people for 19 hours
- 10 people for 9 hours
- 25 people for 3 hours
- 100 people for 58 minutes

people for  hours  
 21 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **34 people** which would violate the guideline\* after **3 hours**.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="122.4"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="3"/>
Filtration System (MERV): <input type="text" value="6"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

2 people for 81 hours (3 days)

5 people for 20 hours

10 people for 9 hours

25 people for 4 hours

100 people for 61 minutes

people for 9 hours

22 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 36 people which would violate the guideline\* after 3 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry    30%: Dry    60%: Average    99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 78 hours (3 days)
- 5 people for 20 hours
- 10 people for 9 hours
- 25 people for 3 hours
- 100 people for 59 minutes

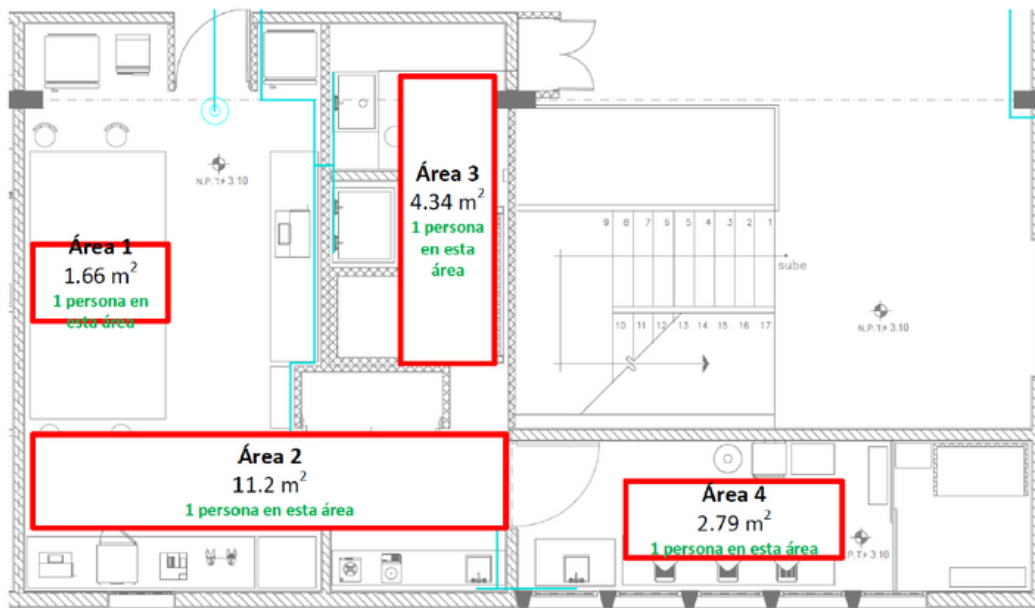
people for 9 hours  
21 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 35 people which would violate the guideline\* after 3 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



Mantener todas las puertas abiertas  
 para circulación del aire



Mantener todas las ventanas abiertas  
 para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="76.03"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="3"/>
Filtration System (MERV): <input type="text" value="6"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 80%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

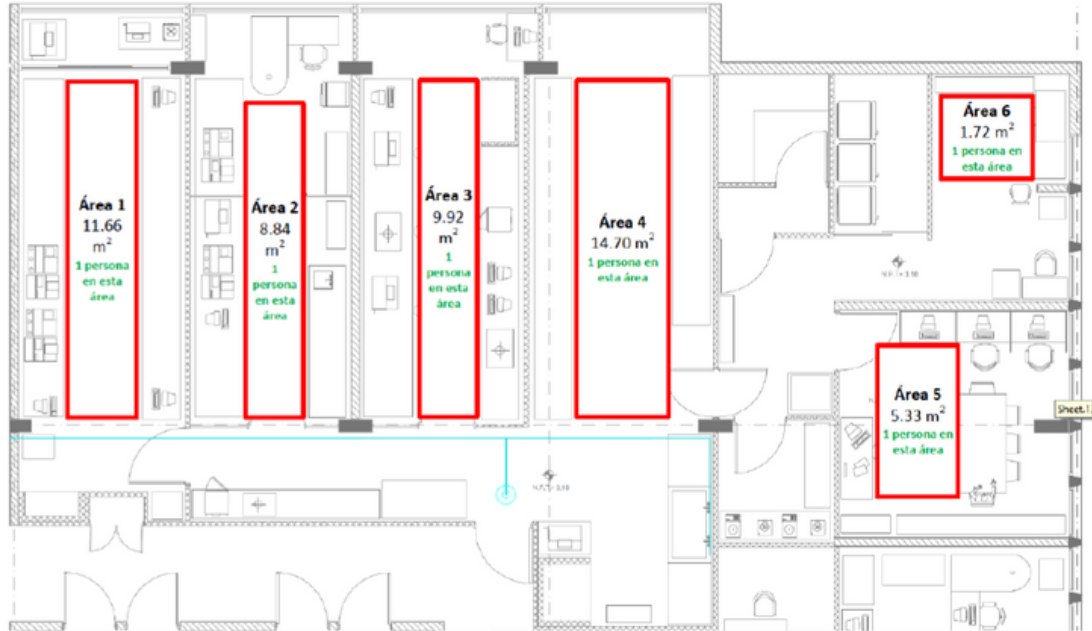
To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 51 hours (2 days)
- 5 people for 13 hours
- 10 people for 6 hours
- 25 people for 2 hours
- people for 6 hours
- 14 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 22 people which would violate the guideline\* after 3 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<p><b>Room Specifications - Details</b></p> <p>Total floor area (m<sup>2</sup>): <input type="text" value="274.42"/></p> <p>Average ceiling height (m): <input type="text" value="2.6"/></p> <p>Ventilation (hr<sup>-1</sup>, outdoor ACH): <input type="text" value="3"/></p> <p>Filtration System (MERV): <input type="text" value="6"/></p> <p>Recirculation Rate (hr<sup>-1</sup>): <input type="text" value="0"/></p> <p>Relative Humidity: 60%</p> <p> <input type="radio"/> 1%: Very Dry                          <input type="radio"/> 30%: Dry                          <input checked="" type="radio"/> 60%: Average                          <input type="radio"/> 99%: Very Humid                 </p>

Calculate Safe Occupancy

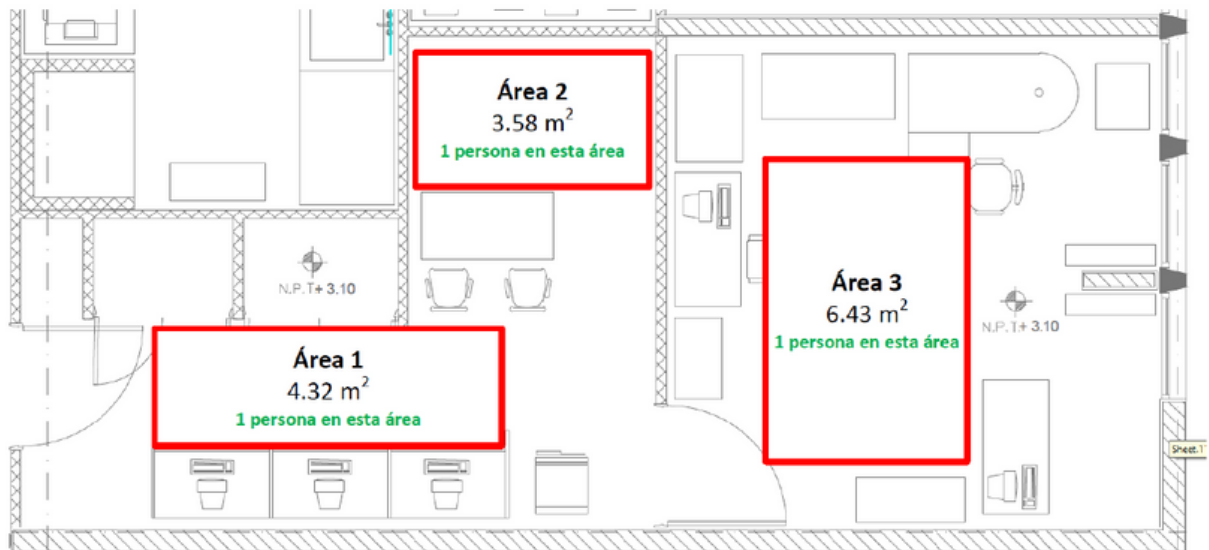
To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 182 hours (8 days)
- 5 people for 46 hours
- 10 people for 20 hours
- 25 people for 8 hours
- 100 people for 2 hours
- people for 20 hours
- 49 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 82 people which would violate the guideline\* after 2 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 13 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 52 minutes

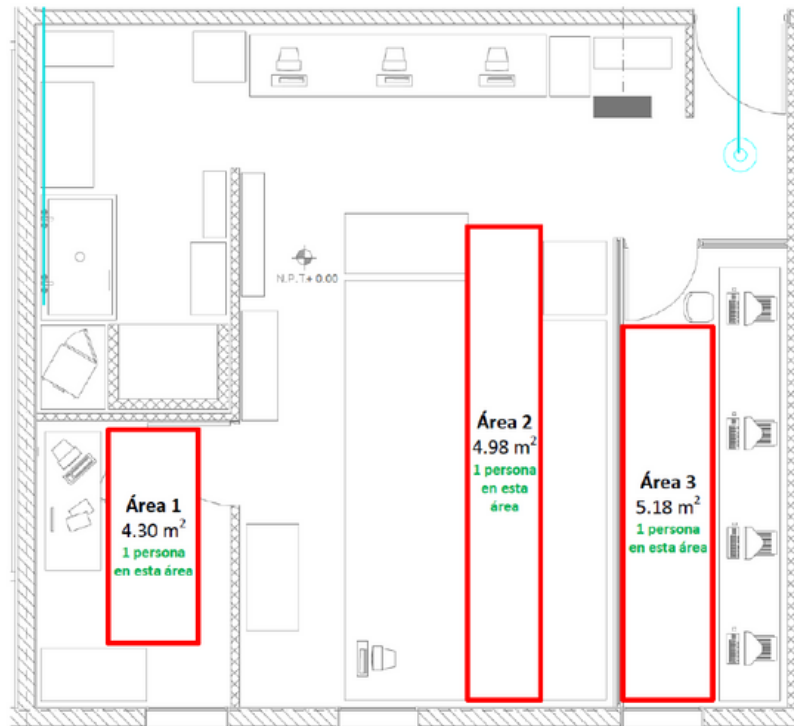
people for 2 hours

4 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 13 people which would violate the guideline\* after 87 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

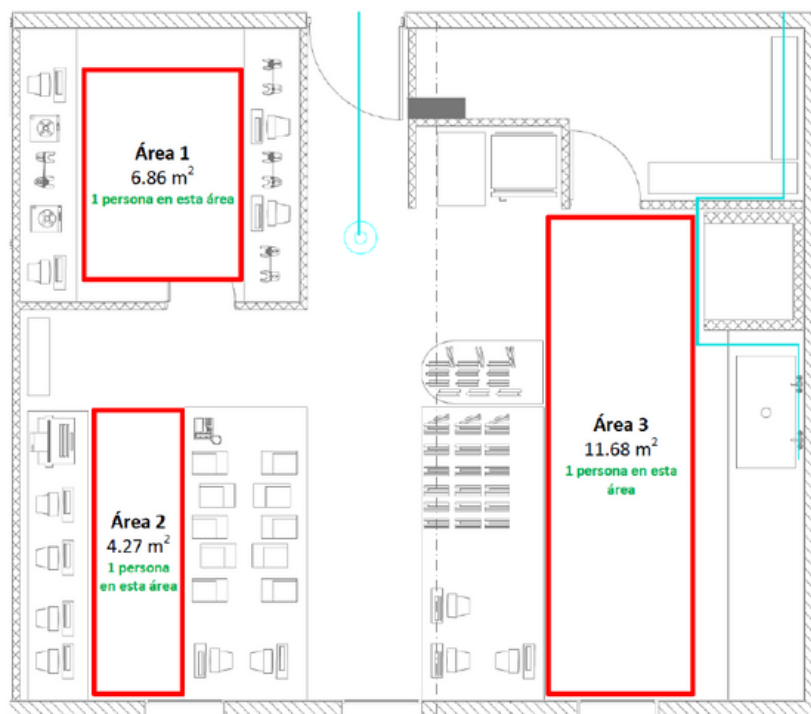
- 2 people for 21 hours
- 5 people for 6 hours
- 10 people for 3 hours
- 25 people for 74 minutes

people for 3 hours  
6 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 22 people which would violate the guideline\* after 82 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="78.72"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

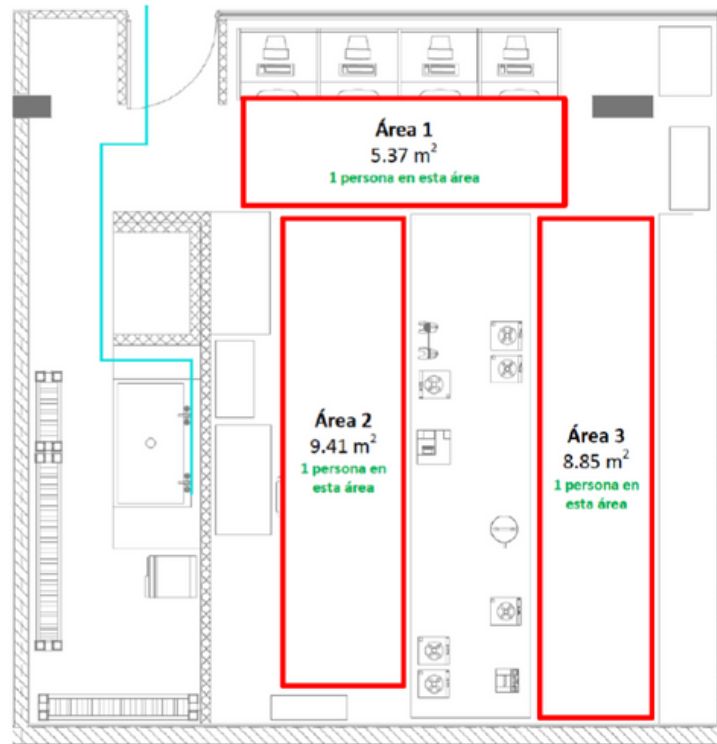
- 2 people for 22 hours
- 5 people for 6 hours
- 10 people for 3 hours
- 25 people for 78 minutes

people for 3 hours  
7 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 23 people which would violate the guideline\* after 83 minutes.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 19 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 69 minutes

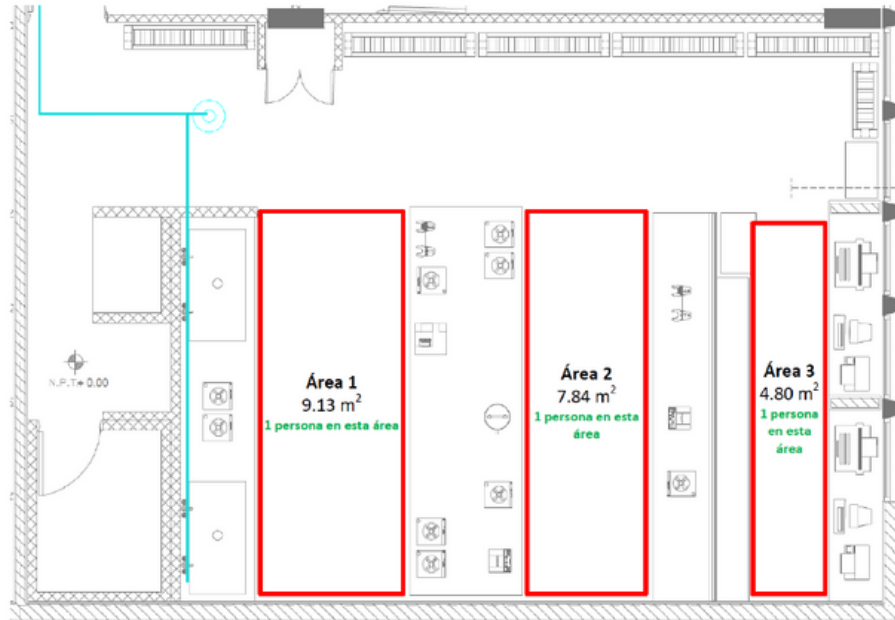
people for 2 hours  
6 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 19 people which would violate the guideline\* after 85 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: **60%**

1%: Very Dry  
 30%: Dry  
 60%: Average  
 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 22 hours
- 5 people for 6 hours
- 10 people for 3 hours
- 25 people for 77 minutes

people for 3 hours

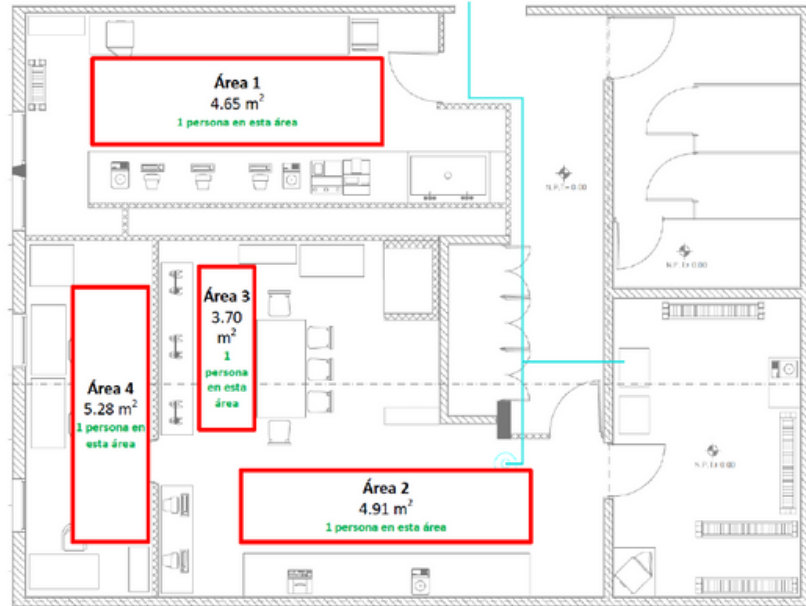
7 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **23 people** which would violate the guideline\* after **82 minutes**.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="112.77"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: <b>60%</b>
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 31 hours
- 5 people for 8 hours
- 10 people for 4 hours
- 25 people for 2 hours
- 100 people for 37 minutes

people for 4 hours  
9 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **33 people** which would violate the guideline\* after **82 minutes**.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio Húmedo  
E2NS2L05

COVID-19 Indoor Safety Guideline

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

Laboratorio Húmedo  
E2NS2L05

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="59.72"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 17 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 63 minutes

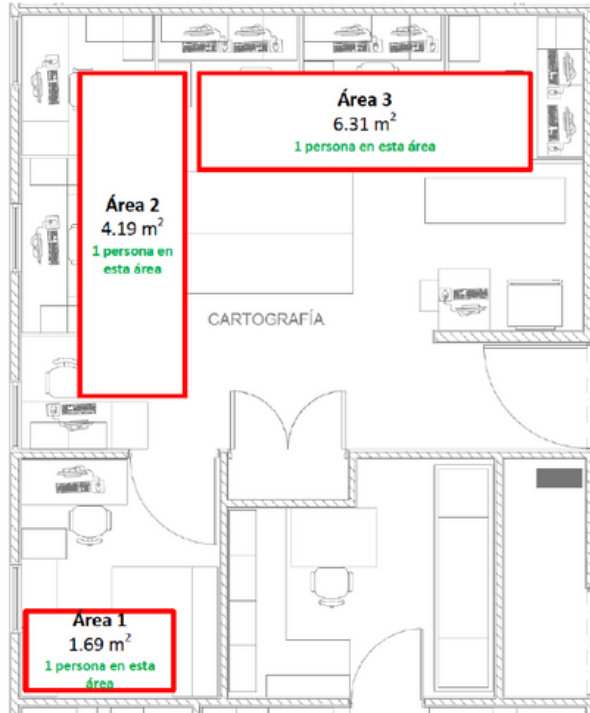
people for 2 hours

5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 17 people which would violate the guideline\* after 86 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 35 hours
- 5 people for 9 hours
- 10 people for 4 hours
- 25 people for 2 hours

people for 4 hours

10 people for  hours

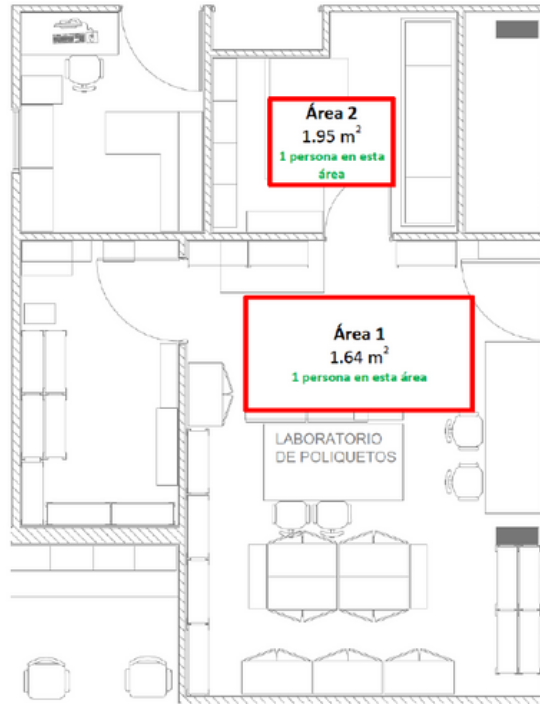
In contrast, the six-foot (or two-meter) rule would limit occupancy to 15 people which would violate the guideline\* after 3 hours.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Colección Nacional de Anélicos  
 Poliquetos  
 E3NPBX03

Mantener todas las ventanas  
 abiertas  
 para circulación del aire

COVID-19 Indoor Safety Guideline



Mantener todas las puertas abiertas  
 para circulación del aire

Colección Nacional de Anélicos  
 Poliquetos  
 E3NPBX03

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

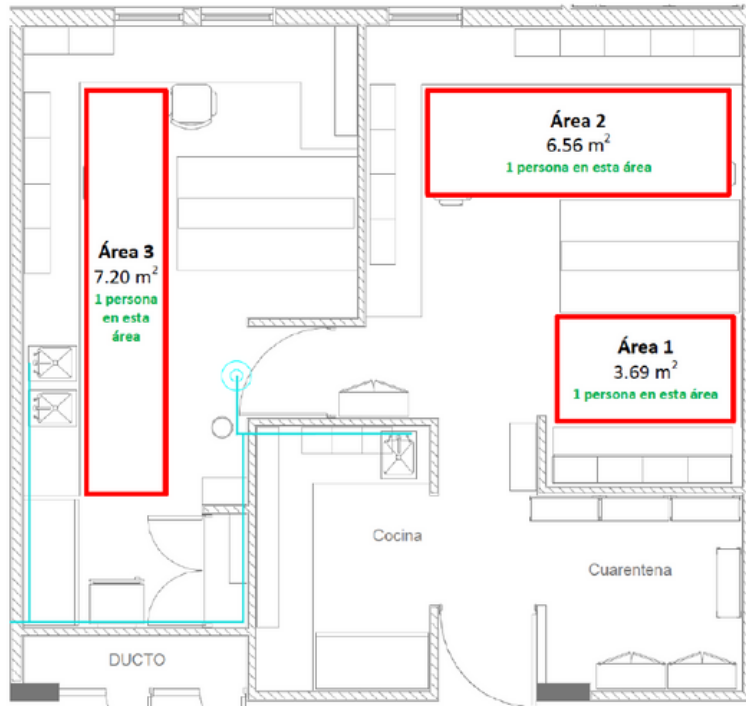
- 2 people for 15 hours
- 5 people for 4 hours
- 10 people for 2 hours
- 25 people for 58 minutes

people for 2 hours  
 5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 15 people which would violate the guideline\* after 88 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<p><b>Room Specifications - Details</b></p> <p>Total floor area (m<sup>2</sup>): <input type="text" value="84.41"/></p> <p>Average ceiling height (m): <input type="text" value="2.6"/></p> <p>Ventilation (hr<sup>-1</sup>, outdoor ACH): <input type="text" value="0.6"/></p> <p>Filtration System (MERV): <input type="text" value="0"/></p> <p>Recirculation Rate (hr<sup>-1</sup>): <input type="text" value="0"/></p> <p>Relative Humidity: 60%</p> <p>1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid</p>

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 24 hours
- 5 people for 6 hours
- 10 people for 3 hours
- 25 people for 82 minutes
- 100 people for 30 minutes

people for 3 hours

7 people for  hours

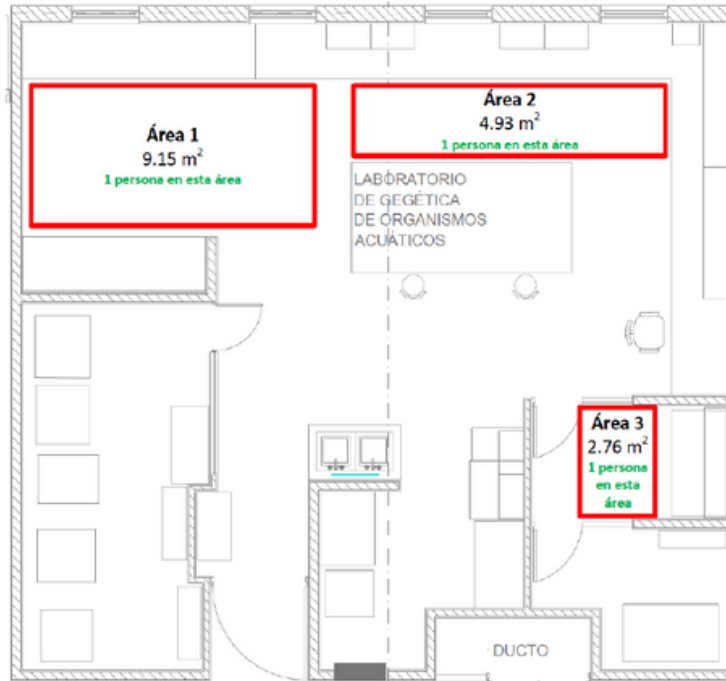
In contrast, the six-foot (or two-meter) rule would limit occupancy to 25 people which would violate the guideline\* after 82 minutes.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio de Genética de Organismos Acuáticos  
E3NPBL03

COVID-19 Indoor Safety Guideline

Mantener todas las ventanas abiertas para circulación del aire



Mantener todas las puertas abiertas para circulación del aire

Laboratorio de Genética de Organismos Acuáticos  
E3NPBL03

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry  
 30%: Dry  
 60%: Average  
 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 24 hours
- 5 people for 6 hours
- 10 people for 3 hours
- 25 people for 83 minutes
- 100 people for 31 minutes

people for  hours

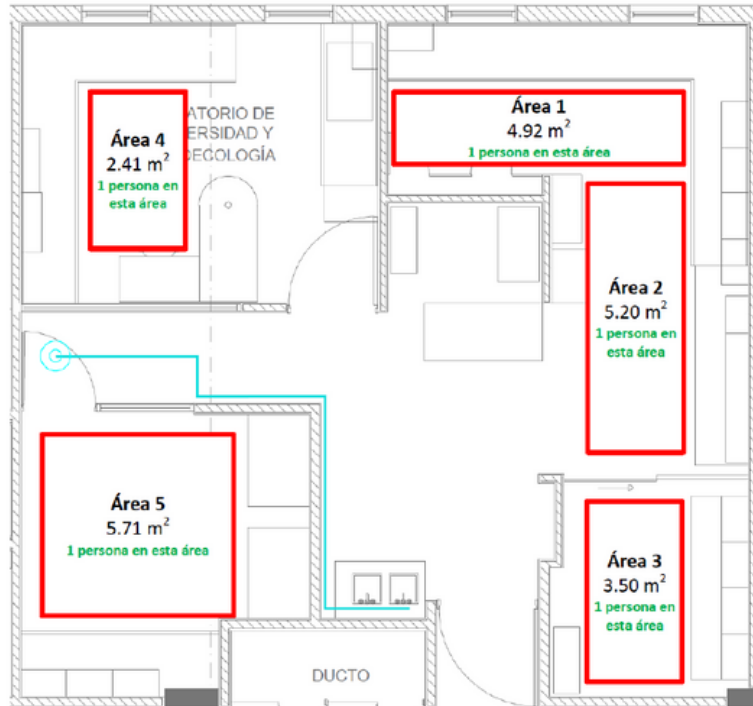
7 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 25 people which would violate the guideline\* after 83 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 23 hours
- 5 people for 6 hours
- 10 people for 3 hours
- 25 people for 81 minutes

people for 3 hours  
7 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 24 people which would violate the guideline\* after 84 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.



Laboratorio de Micropaleontología  
Ambiental  
E3NPBL01

COVID-19 Indoor Safety Guideline

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

Laboratorio de Micropaleontología  
Ambiental  
E3NPBL01

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry  
 30%: Dry  
 60%: Average  
 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

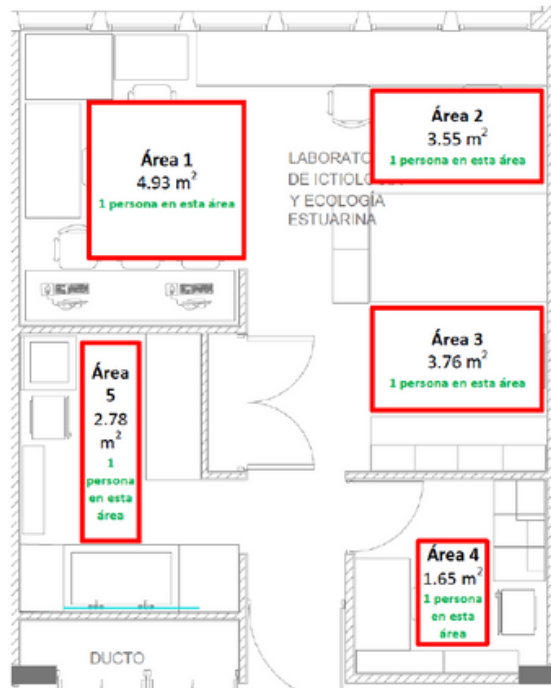
- 2 people for 17 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 64 minutes

people for 2 hours  
5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 17 people which would violate the guideline\* after 86 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="63.50"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: <b>60%</b>
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 18 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 66 minutes

people for 2 hours

5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to **18 people** which would violate the guideline\* after **86 minutes**.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio de Taxonomía de  
Esponjas Marinas  
E3NPBL04

COVID-19 Indoor Safety Guideline

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

Laboratorio de Taxonomía de  
Esponjas Marinas  
E3NPBL04

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters
<b>Room Specifications - Details</b>
Total floor area (m <sup>2</sup> ): <input type="text" value="34.79"/>
Average ceiling height (m): <input type="text" value="2.6"/>
Ventilation (hr <sup>-1</sup> , outdoor ACH): <input type="text" value="0.6"/>
Filtration System (MERV): <input type="text" value="0"/>
Recirculation Rate (hr <sup>-1</sup> ): <input type="text" value="0"/>
Relative Humidity: 60%
<input type="radio"/> 1%: Very Dry <input type="radio"/> 30%: Dry <input checked="" type="radio"/> 60%: Average <input type="radio"/> 99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 10 hours
- 5 people for 3 hours
- 10 people for 89 minutes
- 25 people for 43 minutes

people for 89 minutes  
3 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 10 people which would violate the guideline\* after 89 minutes.

\*The guideline restricts the probability of [airborne transmissions](#) per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio de Fitoplancton  
E3NPBL03

COVID-19 Indoor Safety Guideline

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

Laboratorio de Fitoplancton  
E3NPBL03

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry     
  30%: Dry     
  60%: Average     
  99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 18 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 66 minutes

people for 2 hours  
5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 18 people which would violate the guideline\* after 86 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Laboratorio de Ecología de  
Pesquerías  
E3NPBL02

Mantener todas las ventanas  
abiertas  
para circulación del aire

COVID-19 Indoor Safety Guideline



Mantener todas las puertas abiertas  
para circulación del aire

Laboratorio de Ecología de  
Pesquerías  
E3NPBL02

COVID-19 Indoor Safety Guideline

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry      30%: Dry      60%: Average      99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

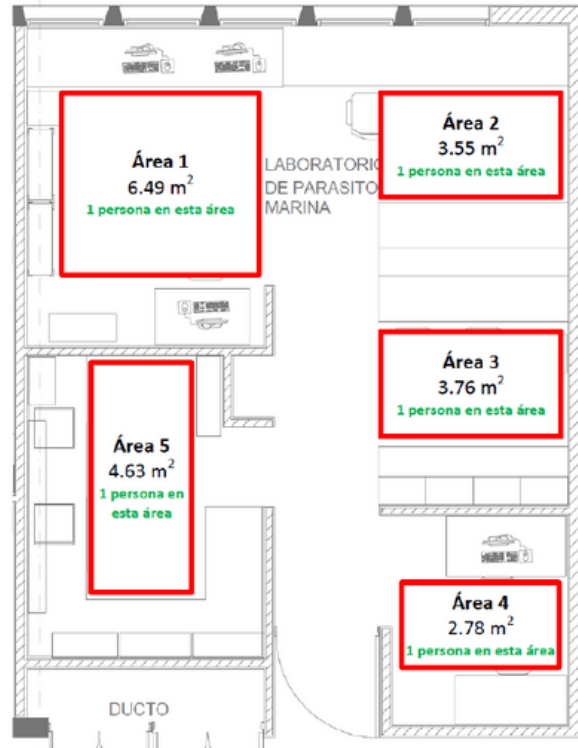
- 2 people for 18 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 66 minutes

people for 2 hours  
5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 18 people which would violate the guideline\* after 86 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

Mantener todas las ventanas  
abiertas  
para circulación del aire



Mantener todas las puertas abiertas  
para circulación del aire

About
Room Specifications - Details
Human Behavior - Details
Other Parameters

**Room Specifications - Details**

Total floor area (m<sup>2</sup>):

Average ceiling height (m):

Ventilation (hr<sup>-1</sup>, outdoor ACH):

Filtration System (MERV):

Recirculation Rate (hr<sup>-1</sup>):

Relative Humidity: 60%

1%: Very Dry     
  30%: Dry     
  60%: Average     
  99%: Very Humid

Calculate Safe Occupancy

To limit COVID-19 transmission\* after an infected person enters this space, there should be no more than:

- 2 people for 17 hours
- 5 people for 5 hours
- 10 people for 2 hours
- 25 people for 64 minutes

people for 2 hours  
5 people for  hours

In contrast, the six-foot (or two-meter) rule would limit occupancy to 17 people which would violate the guideline\* after 86 minutes.

\*The guideline restricts the probability of airborne transmissions per infected person to be less than the risk tolerance over the cumulative exposure time listed.

# 16. Anexo 4: Bitácora de seguimiento al personal con sospecha de COVID-19

## BITÁCORA DE SEGUIMIENTO INSTITUTO DE CIENCIAS DEL MAR Y LIMNOLOGÍA

Correo electrónico de contacto \_\_\_\_\_

Nombre \_\_\_\_\_

¿Quién presenta los síntomas?

Usted   
Un familiar

En caso de que se trate de un familiar, ¿vive con él o con ellos?

Sí   
No

Las siguientes preguntas se refieren a las personas que están presentando los síntomas

### SÍNTOMAS

Edad \_\_\_\_\_

Fiebre   
Escorrimento nasal   
Dolor de cabeza   
Dificultad para respirar   
Estornudos   
Tos seca   
Náuseas   
Vómito   
Diarrea   
Malestar general   
Pérdida de gusto y/o olfato

OTROS \_\_\_\_\_

\_\_\_\_\_

Fecha de inicio

DD / MM / AAAA \_\_\_\_\_

¿Acudió al médico?

Sí   
No

¿Le realizaron prueba COVID-19?

Sí   
No

Resultado (en caso de haberse realizado la prueba COVID-19)

Positivo   
Negativo

¿Padece algún mal crónico?

Sí   
No

Usted, un familiar o persona cercana, ¿viajó a otros países en los últimos 20 días?

Sí   
No

¿A dónde viajó?

Usted, un familiar o persona cercana, ¿viajó a algún estado del país, los últimos 20 días?

Sí   
No

¿A dónde viajó?

¿Utiliza frecuentemente el transporte público?

Sí   
No

Indique cuál:

En caso de que no podamos contactarlo a usted, indiquenos datos de un familiar o amigo con quien podamos comunicarnos.

\_\_\_\_\_

Número de teléfono \_\_\_\_\_