

OpenBlue Healthy Buildings

Pulse Survey Commercial Buildings



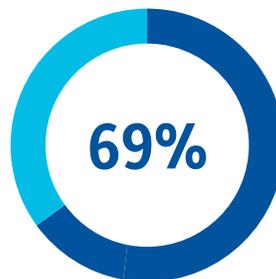
Our healthy buildings pulse study surveyed 100 Commercial Building facility executives in the US in November 2020.

Protecting occupant health and safety, and operational efficiency, drive COVID-19 building investments

With the pandemic, facility managers have new concerns about building health, changing their motivation for building investments.

Customer attraction / retention	99%
Attracting tenants, rent premiums	88%
Protecting the health and safety of occupants during emergency situations	88%
Improving operational efficiency	83%
Enhanced brand or reputation	83%
Increasing the flexibility of facilities to quickly respond to a variety of emergency conditions	83%

Over two thirds of surveyed facilities still plan to increase investment in energy efficiency or smart building technologies in the upcoming year.

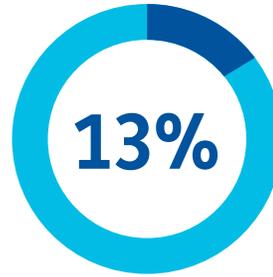


Investment

percent of organizations plan to increase investment in energy efficiency, renewable energy, or smart building technologies.

Air treatments and ventilation represent top COVID-19 building investments

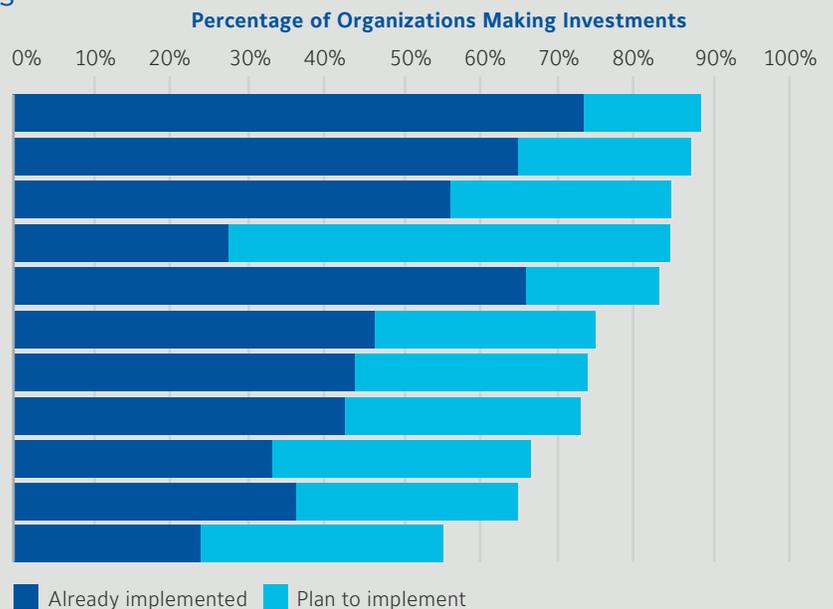
Industry, trade, and public health organizations have recommended various changes to buildings to help control the spread of the virus. In addition to increasing work schedule flexibility and reducing occupancy density, more than half of organizations have performed indoor air quality assessments, introduced elevated temperature scanning systems, introduced elevated temperature scanning systems, and increased air filtration.



Investment Funding
percent of organizations using economic stimulus and recovery funds to pay for building improvements.

COVID-19: related building investments

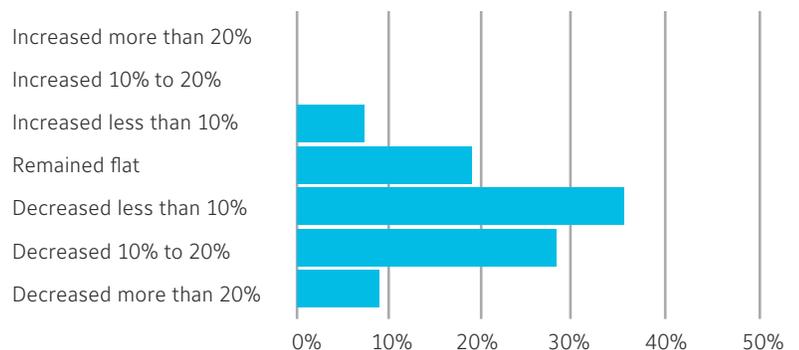
- Increase work schedule flexibility
- Perform an indoor air quality assessment
- Introduce occupant elevated temperature scanning systems
- Introduce touchless entry and access
- Reduce occupant density
- Increase air filtration
- Recommission building systems and equipment
- Install air treatment system (e.g., UV-C, bipolar ionization)
- Increase outdoor air ventilation rates
- Introduce social distance tracking and tracing systems
- Add pressurized occupant isolation rooms



COVID-19 did not significantly reduce building energy consumption, despite less occupancy

Increasing outdoor air ventilation and air filtration can significantly increase energy use, depending on building type and location. This increases the importance of energy efficiency. During the pandemic, less than 10 percent of organizations have experienced an energy use reduction of greater than 20 percent despite significantly reduced building occupancy.

How facility energy use changed during the COVID-19 pandemic



About OpenBlue

OpenBlue is a complete suite of connected solutions that serves industries from workplaces to schools, hospitals to campuses, and beyond. This platform includes tailored, AI-infused service solutions such as remote diagnostics, predictive maintenance, compliance monitoring, advanced risk assessments, and more. A dynamic new space from Johnson Controls, OpenBlue is how buildings come alive.



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