Updated: 11/2022

Building Type Definitions and Maximum Emissions Targets

Building Types:														
	Educational				**Clinical**			**Residential**			**Athletics**			
	No Lab	**Low Load Lab**	**High Load Lab**	**Library**	**Outpatient Business**	**Outpatient Ambulatory**	**Inpatient**	**Dormitory**	**Low-Rise, Duplex, Single Family**	**Administrative**	**Low Intensity**	**Medium Intensity**	**High Intensity**	Other
Recommended Target														
Carbon Dioxide Emission kg CO2/sqft	**10.0**	**16.0**	**21.0**	**6.0**	**10.0**	**15.0**	**21.0**	**5.2**	**1.0**	**10.0**	**7.0**	**10.0**	**16.0**	Varies
% reduction from ASHRAE 90.1-2013	**28.6%**	**23.8%**	**25.0%**	**20.0%**	**28.6%**	**21.1%**	**25.0%**	**34.2%**	**77.8%**	**33.3%**	**28.6%**	**23.8%**	**25.0%**	**N/A**
	Low-tech instructional space with conventional Audio/Visual systems (such as screen, projector, etc.)	Active learning with high-tech/ energy-intensive Audio/Visual equipment, and/or non-wet laboratory equipment	Instructional and/or research laboratory spaces, energy intensive equipment	Traditional library space with book storage, fixed/ flexible seating (not including: food service, instructional spaces, computing spaces, etc.)	Typical outpatient clinical space with exam rooms and offices	Clinical space with ambulatory arrival	Inpatient clinical space	Student housing (includes support spaces except dining and commercial kitchens)	Low-density housing with residential kitchens and bath rooms	Office and meeting space with conventional Audio/Visual systems such as screen, projector	Facilities used for athletic varsity practice and/or recreational athletic competitions (i.e., not designed for spectator comfort, systems designed for primary use and not special events)	Varsity team headquarters and recreational sport facilities.	Facilities used for varsity competitions, natatoria and sports medicine facilities that include therapy pools for training, conditioning and rehabilitation.	Other uses which do not explicitly fit into the existing PCCN use classifications.
Typical Space Types:														
	Typical Classrooms Typical Auditoriums	Education Dry Labs Research Dry Labs Active Learning Classrooms Computer Labs/Classrooms	Education Wet labs Research Wet labs Lab equipment spaces Cold rooms	Library Book Stack Space Reading Rooms Study rooms	Exam Rooms Office/Support Spaces Pharmacy - Dispensary Infusion Diagnostic Testing	Diagnostic Imaging Ambulatory Surgery Rooms	Inpatient Beds Operating Rooms/ Inpatient Surgeries Intensive Care Units (ICU) Acute Care Units Step Down Units Isolation Units Observation Units Pharmacy - Compounding Spaces	Dormitory rooms Lounge/ Study Rooms Shower Rooms/ Restrooms Self-Service Laundry Facilities	Family/ Student Housing	Private Offices Multi-Person Office Open Office /Workstations Conference Rooms Kitchenettes (Non-Commercial Kitchens)	Field Houses Indoor Practice Facilities	Varsity Team Facilities Locker Rooms Recreational Sports Athletic Medicine	Competition Facilities (w/ Spectators) Natatoria Ice Arenas	Vivarium Commercial Kitchen Event Spaces Collection Spaces
Building Infrastructure:														
Occupancy:	Medium	Medium	Medium	Low	Low	Medium	Medium	Medium	Medium	Medium	Low	Medium	Medium	VARIES
HVAC Design:	Low Intensity	Medium Intensity	High Intensity	Low Intensity	Low Intensity	Medium Intensity	High Intensity	Low Intensity	Low Intensity	Medium Intensity	Low Intensity	Medium Intensity	High Intensity	VARIES
Ventilation and Process Exhaust:	Low Outdoor Airflow	Medium Outdoor Airflow	High Outdoor Airflow	Low Outdoor Airflow	Low Outdoor Airflow	Medium Outdoor Airflow	High Outdoor Airflow	Low Outdoor Airflow	Low Outdoor Airflow	Low Outdoor Airflow	Low Outdoor Airflow	Medium Outdoor Airflow	High Outdoor Airflow	VARIES
Electrical Plug and Process Loads:	Low Density	Medium Density	High Density	Low Density	Low Density	Medium Density	High Density	Low Density	Low Density	Medium Density	Low Density	High Density	Medium Density	VARIES
Lighting:	Low	Medium	High	Medium	Low	Medium	High	Low	Low	Medium	Medium	Medium	High	VARIES