

Relative standard errors (RSEs) for Table B12. Selected principal building activity: part 1, floorspace, 2018

RSEs for total floorspace

	Principal building activity							
	All buildings	Warehouse and storage	Office	Service	Mercantile	Public assembly	Religious worship	Education
All buildings	3.1	7.2	5.5	8.1	6.0	5.8	9.3	5.3
Food preparation or serving areas in non-food service buildings (more than one may apply)								
Snack bar, concession stand, or coffee shop	6.7	73.9	16.8	0.0	14.0	10.0	25.7	8.8
Fast food or small restaurant	5.9	57.2	15.6	71.5	7.9	16.8	32.7	23.9
Cafeteria or large restaurant food preparation area	4.6	75.3	15.4	79.2	20.3	17.0	46.4	6.4
Small kitchen area	4.4	42.8	21.2	50.4	10.4	13.1	16.1	8.3
	4.7	15.1	10.2	29.4	13.8	11.8	13.8	9.0
Separate computer areas (more than one may apply)								
Server closet	3.4	10.3	5.6	14.7	8.1	9.8	15.5	6.0
Data center	6.7	21.1	10.4	59.2	23.6	23.2	44.1	9.8
Computer-based training room	4.6	20.1	10.0	33.2	13.4	17.1	47.1	6.5
Student or public computer center	4.6	68.2	16.2	59.1	17.3	18.3	55.9	5.9
Window and interior lighting features (more than one may apply)								
Multipaned windows	3.2	9.1	6.3	10.2	6.6	6.5	10.4	5.9
Tinted window glass	3.4	11.5	6.9	13.1	6.9	10.1	12.6	7.7
Reflective window glass	5.6	18.8	9.3	25.4	9.9	16.6	26.7	16.7
External overhangs or awnings	4.5	13.2	7.9	16.2	7.7	8.6	18.5	8.8
Skylights or atriums	4.5	12.9	11.0	22.0	10.9	12.6	19.6	8.9
Light scheduling	4.1	13.1	8.2	23.8	6.8	12.3	18.1	9.5
Occupancy sensors	3.8	10.2	7.5	16.7	8.0	9.1	16.9	6.7
Multilevel lighting or dimming	6.6	21.5	11.2	30.6	12.6	15.3	14.7	11.4
Daylight harvesting	6.3	21.9	12.7	32.7	13.1	24.1	33.6	15.9
Plug-load control	12.2	47.7	24.1	0.0	37.6	63.4	67.5	24.8
Demand responsive lighting	15.2	32.5	31.8	60.7	29.4	51.7	45.6	37.5
Building automation system (BAS) for lighting	5.2	28.7	12.2	42.1	8.1	15.4	36.8	9.8
Electric vehicle (EV) charging								
Charging stations associated with the building	7.2	14.2	15.9	31.6	19.8	18.2	0.0	21.2

Data source: U.S. Energy Information Administration, Forms EIA-871A of the 2018 Commercial Buildings Energy Consumption Survey

Note: RSE is a measure of the reliability or precision of a survey statistic. Variability occurs in survey statistics because the different samples that could be drawn would each produce different values for the survey statistics. *Estimation of Standard Errors* and *What is a Relative Standard Error (RSE)?* contain more information on how RSEs are estimated and used. Both references can be accessed from <https://www.eia.gov/consumption/commercial/survey-background-technical-information.php>.

^a*Climate zones* are based on ASHRAE Standard 169-2021; see <https://www.eia.gov/consumption/commercial/maps.php#defined>.

^b*Other sources* includes wood, coal, solar, and all other energy sources.

^c*Office devices* refers to any combination of printers, copiers, scanners, or FAX machines.