

**Table B103(9)
School Occupancy^a**

Hour of Day (time)	Schedule for Occupancy			Schedule for Lighting ^b / Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1 (12-1am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
2 (1-2am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
3 (2-3am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
4 (3-4am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
5 (4-5am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
6 (5-6am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
7 (6-7am)	0	0	0	5	5	5	Off	Off	Off	5	3	3	0	0	0
8 (7-8am)	5	0	0	30	5	5	On	Off	Off	10	3	3	0	0	0
9 (8-9am)	75	10	0	60/85	15	5	On	On	Off	34	3	5	30	0	0
10 (9-10am)	90	10	0	65/95	15	5	On	On	Off	60	5	5	30	0	0
11 (10-11am)	90	10	0	65/95	15	5	On	On	Off	63	5	5	30	0	0
12 (11-12pm)	80	10	0	65/95	15	5	On	On	Off	72	5	5	30	0	0
13 (12-1pm)	80	10	0	55/80	15	5	On	On	Off	79	5	5	30	0	0
14 (1-2pm)	80	0	0	55/80	5	5	On	Off	Off	83	3	5	30	0	0
15 (2-3pm)	80	0	0	55/80	5	5	On	Off	Off	61	3	3	30	0	0
16 (3-4pm)	45	0	0	50/70	5	5	On	Off	Off	65	3	3	15	0	0
17 (4-5pm)	15	0	0	35/50	5	5	On	Off	Off	10	3	3	0	0	0
18 (5-6pm)	5	0	0	35/50	5	5	On	Off	Off	10	3	3	0	0	0
19 (6-7pm)	15	0	0	35	5	5	On	Off	Off	19	3	3	0	0	0
20 (7-8pm)	20	0	0	35	5	5	On	Off	Off	25	3	3	0	0	0
21 (8-9pm)	20	0	0	35	5	5	On	Off	Off	22	3	3	0	0	0
22 (9-10pm)	10	0	0	30	5	5	On	Off	Off	22	3	3	0	0	0
23 (10-11pm)	0	0	0	5	5	5	Off	Off	Off	12	3	3	0	0	0
24 (11-12am)	0	0	0	5	5	5	Off	Off	Off	9	3	3	0	0	0
Total/Day	710	50	0	750/990	170	120	1500	500	0	691	80	84	285	0	0
Total/Week		36.00	hours		40.40/ 52.40	hours		80.00	hours		36.19	hours		14.25	hours
Total/Year		1877	hours		2101/ 2732	hours		4171	hours		1887	hours		743	hours

Wk = Weekday

^a Schedules for occupancy, lighting, receptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent.

These values may be used only if actual schedules are not known.

^b Lighting profiles are modified to reflect the requirement for occupancy sensors in Section C405.2.

**Table B103(10)
Warehouse Occupancy^a**

Hour of Day (time)	Schedule for Occupancy			Schedule for Lighting ^b / Receptacle			Schedule for HVAC System			Schedule for Service Hot Water			Schedule for Elevator		
	Percent of Maximum Load			Percent of Maximum Load						Percent of Maximum Load			Percent of Maximum Load		
	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
1 (12-1am)	0	0	0	5	5	5	Off	Off	Off	2	2	2	0	0	0
2 (1-2am)	0	0	0	5	5	5	Off	Off	Off	2	2	2	0	0	0
3 (2-3am)	0	0	0	5	5	5	Off	Off	Off	2	2	2	0	0	0
4 (3-4am)	0	0	0	5	5	5	Off	Off	Off	2	2	2	0	0	0
5 (4-5am)	0	0	0	5	5	5	Off	Off	Off	5	2	2	0	0	0

Hour of Day (time)	Schedule for Occupancy <i>Percent of Maximum Load</i>			Schedule for Lighting ^b / Receptacle <i>Percent of Maximum Load</i>			Schedule for HVAC System			Schedule for Service Hot Water <i>Percent of Maximum Load</i>			Schedule for Elevator <i>Percent of Maximum Load</i>		
	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun	Wk	Sat	Sun
6 (5-6am)	0	0	0	5	5	5	Off	Off	Off	7	2	2	0	0	0
7 (6-7am)	0	0	0	5	5	5	Off	Off	Off	7	2	2	0	0	0
8 (7-8am)	15	0	0	25/40	5	5	On	Off	Off	10	2	2	0	0	0
9 (8-9am)	70	20	0	45/70	8	5	On	On	Off	30	6	2	0	0	0
10 (9-10am)	90	20	0	55/90	24	5	On	On	Off	36	12	2	0	0	0
11 (10-11am)	90	20	0	55/90	24	5	On	On	Off	36	12	2	30	0	0
12 (11-12pm)	90	20	0	55/90	24	5	On	On	Off	46	17	2	0	0	0
13 (12-1pm)	50	10	0	50/80	5	5	On	On	Off	57	4	4	0	0	0
14 (1-2pm)	85	10	0	55/90	5	5	On	On	Off	43	4	4	0	0	0
15 (2-3pm)	85	10	0	55/90	5	5	On	On	Off	38	2	2	0	0	0
16 (3-4pm)	85	10	0	55/90	5	5	On	On	Off	40	2	2	40	0	0
17 (4-5pm)	20	0	0	55/90	5	5	On	Off	Off	30	2	2	0	0	0
18 (5-6pm)	0	0	0	30	5	5	Off	Off	Off	18	2	2	0	0	0
19 (6-7pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
20 (7-8pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
21 (8-9pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
22 (9-10pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
23 (10-11pm)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
24 (11-12am)	0	0	0	5	5	5	Off	Off	Off	3	2	2	0	0	0
Total/Day	680	120	0	600/915	180	120	1000	800	0	429	91	52	70	0	0
Total/Week		35.20	hours		33.00/ 48.75	hours		58.00	hours		22.88	hours		3.50	hours
Total/Year		1835	hours		1716/ 2542	hours		3024	hours		1193	hours		182	hours

Wk = Weekday

^a Schedules for occupancy, lighting, receptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addendums, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent. **These values may be used only if actual schedules are not known.**

^b Lighting profiles are modified to reflect the requirement for occupancy sensors in Section C405.2.

[Statutory Authority: RCW 19.27A.020, 19.27A.025 and chapters 19.27 and 34.05 RCW. WSR 13-04-056, § 51-11C-71039, filed 2/1/13, effective 7/1/13.]