

Table 2.5-4**Minimum Design Room Sound Absorption Coefficients ($\bar{\alpha}$)**

Space ¹	Design Coefficient ²
Multi-bed/multi-occupancy resident room	0.20
Corridor (public corridor in resident care areas)	0.20
Medication rooms	0.20
Multiple occupant resident care and activity areas	0.20
Quiet room ³	0.20
Office	0.15
Examination room	0.15

¹Additional spaces shall be added based on requirements in the functional program.

²Use the noise reduction coefficient (NRC) rating for estimating the design room-average sound absorption coefficient when using this table.

³Also applies to private speech and hearing services rooms and private music therapy rooms.

Table 2.5-5**Maximum Design Criteria for Noise in Interior Spaces Caused by Building Systems¹**

Room Type	NC / RC(N) / RNC ^{2,3,4}	dBA
Resident rooms/dwelling units	40	45
Medication rooms	45	40
Multiple occupant resident care areas	45	50
Corridors and community spaces	45	50
Offices, examination rooms	40	45
Conference rooms	35	40
Quiet room ⁵	30	35
Community meeting rooms and auditoria	30	35

¹Additional spaces shall be added based on the building program.

²See the version of the white paper "Sound and Vibration Design Guidelines for Health Care Facilities" associated with the 2014 FGI *Guidelines* posted at www.fgiguideines.org/resources for a discussion of room noise rating criteria.

³One rating system shall be chosen to evaluate room noise levels, and noise from building mechanical systems shall be evaluated using that single rating system.

⁴Spaces shall be designed to fall below the maximum values shown in this table with no rattles or tonal characteristics.

⁵Also applies to private speech and hearing services rooms and private music therapy rooms.