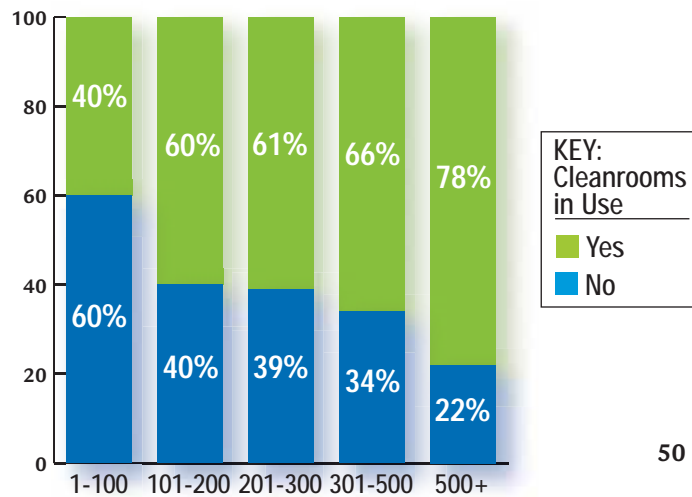




Cleanrooms

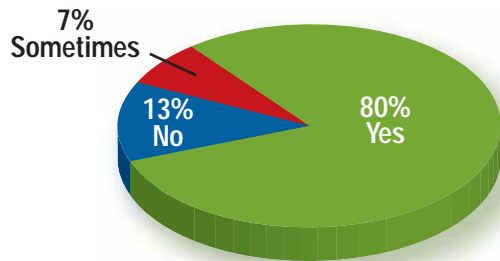
Cleanroom installation continues to be an area of growth; 60% of the cleanrooms currently in use were installed in the past five years, and most hospitals without a cleanroom are either planning to install one or are considering their options. Once the installation is complete, a cleaning protocol must be established. Hospitals report using a variety of products to clean their controlled environments. *See page 16 for additional data on renovations and budgeting.*

Cleanrooms in Use by Facility Size (in number of beds)



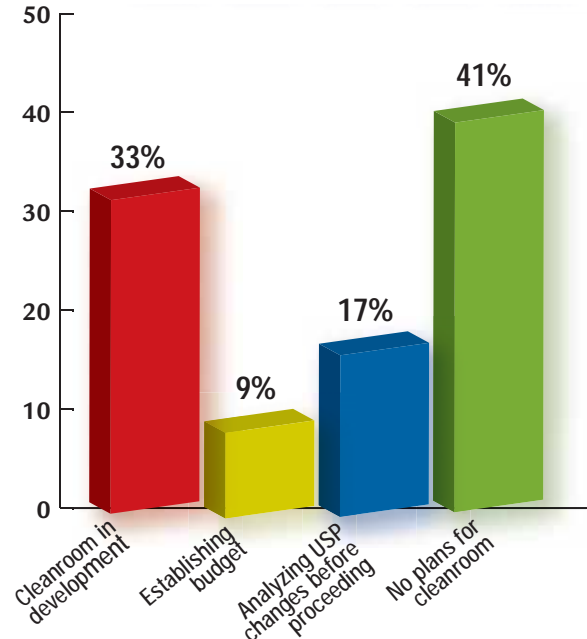
A majority of hospitals (57%) report using cleanrooms, and not unexpectedly, the cleanroom trend grows along with the bed size of the hospital.

Daily Cleaning of Cleanroom



80% of hospitals report cleaning their cleanroom on a daily basis. In most cases (56%) dedicated personnel are doing the cleaning: Environmental/house-keeping personnel are in the lead at 51%, and pharmacy personnel are a close second at 43%. Only 1% report outsourcing their cleaning.

Projected Cleanroom Installations



With 42% of hospitals without a cleanroom in the process of installing or budgeting for one, and another 17% analyzing the final USP changes before proceeding, continued growth in cleanroom construction can be expected.

Cleaning Products in Use



While hospitals use a variety of products to clean their controlled environments, 96% report being satisfied with their products of choice.