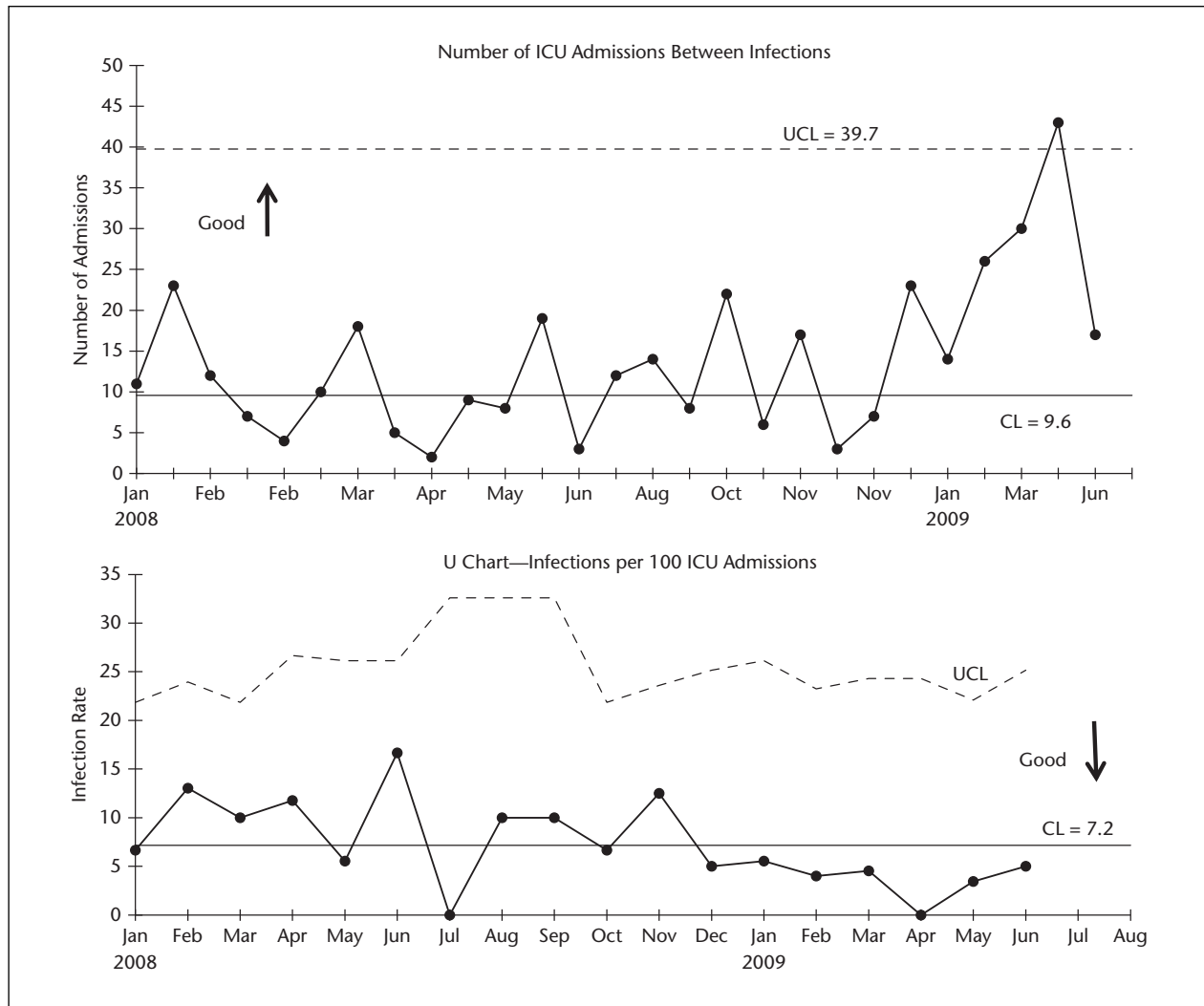**FIGURE 7.9   G Chart for Number of ICU Admissions Between Infections**

UL. This special cause for the next to the last point provides the evidence that the infection rate has decreased. This signal confirms the visual pattern for the last six occurrences.

Figure 7.10 shows a second example of the G chart. A hospital tracks Adverse Drug Events (ADEs) using their automated system. When they find an ADE, they count the number of doses dispensed since the previous occurrence. An improvement team was formed in July and they collected data on the last 20 ADEs from the automated system and developed a G chart. Since the chart indicated a stable process with a center line of 2,866 doses, they extended the limits and began their improvement work. The ADE that occurred on August 8 indicated a special cause indicating a reduction in the rate of adverse drug events. Because all the ADE events after the team formed were above the extended center line, they planned to update the limits to reflect the new process.

T Chart for Time Between Rare Events

The **T chart** (or time-between chart) is an alternative to a standard attribute chart when the incident of interest is relatively rare and a measurement of time between each occurrence of