**New York (CNN)** -- The commuter train involved in a deadly weekend derailment in the Bronx was doing 82 mph as it entered the 30-mph curve where it jumped the tracks, federal safety officials said Monday.

The National Transportation Safety Board reported that figure based on preliminary data from the event recorders taken from the locomotive and another car, NTSB member Earl Weener told reporters. The data showed the engineer cut the throttle six seconds before the locomotive came to rest and applied the brakes five seconds before, a move Weener said came "very late in the game."

But the engineer, William Rockefeller, and the rest of the train crew were still being questioned Monday afternoon, and the cause of the derailment has not yet been determined, Weener said.

"This is raw data off the event recorders, so it tells us what happened. It doesn't tell us why it happened," Weener said.

[Four people died](http://www.cnn.com/2013/12/01/travel/new-york-train-derails/index.html) in the Sunday morning crash on New York's Metro-North commuter line, about 10 miles north of Manhattan's Grand Central Terminal. At least 67 more were hurt.

The train's recorded speed is not only far faster than the rated speed for the curve where the derailment occurred, it's faster than the 70 mph posted for the section of track that led into the curve, Weener said.