

Dose 0 to 25 rem: No detectable clinical effect in humans.

Dose 25 to 100 rem: Slight short-term reduction in number of some types of blood cells; disabling sickness not common.

Dose 100 to 200 rem: Nausea and fatigue; vomiting if dose is greater than 125 rem; longer-term reduction in number of some types of blood cells.

Dose 200 to 300 rem: Nausea and vomiting first day of exposure; then up to a two-week latent period followed by appetite loss, general malaise, sore throat, pallor, diarrhea, and moderate emaciation. Recovery in about three months unless complicated by infection or injury.

Dose 300 to 600 rem: Nausea, vomiting, and diarrhea in first few hours; then up to a one-week latent period followed by loss of appetite, fever, and general malaise in the second week, followed by bleeding, inflammation of mouth and throat, diarrhea, and emaciation. Some deaths in two to six weeks. Eventual death for 50% if exposure is above 450 rem; others recover in about six months.

Dose over 600 rem: Nausea, vomiting, and diarrhea in the first few hours, followed by rapid emaciation and death as early as the second week. Eventual death of nearly 100%.