

TABLE 9-8**BEIR III ESTIMATES OF INCIDENCE OF GENETIC DAMAGE***

Genetic Disorder	Current Incidence in Liveborn Offspring (per million)	Increased Incidence in Liveborn Offspring** (per million)	
		First Generation	Equilibrium
Autosomal dominant and X-linked	10,000	5-65	40-200
Irregularly inherited	90,000	5-65	20-900
Recessive	1,100	5	<10
Chromosomal aberrations	6,000	<10	<10
Total	107,100	5-65	60-1,100

* Committee on Biological Effects of Ionizing Radiation of the National Academy of Sciences

** When every individual in preceding generation receives 1 extra rem

Source: Data from reference 7

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