

TABLE 9-9

ESTIMATED EFFECT OF 1 Gy BY DOUBLING DOSE METHOD OF UNSCEAR*

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	1,500	10,000
Irregularly inherited	90,000	450	4,500
Recessive	2,500	slight	slow
Chromosomal Diseases			
Structural	400	240	400
Numerical	3,000	small	small
Total	105,900	2,190	14,900

* United Nations Scientific Committee on Effects of Atomic Radiation

Source: Data from reference 8

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