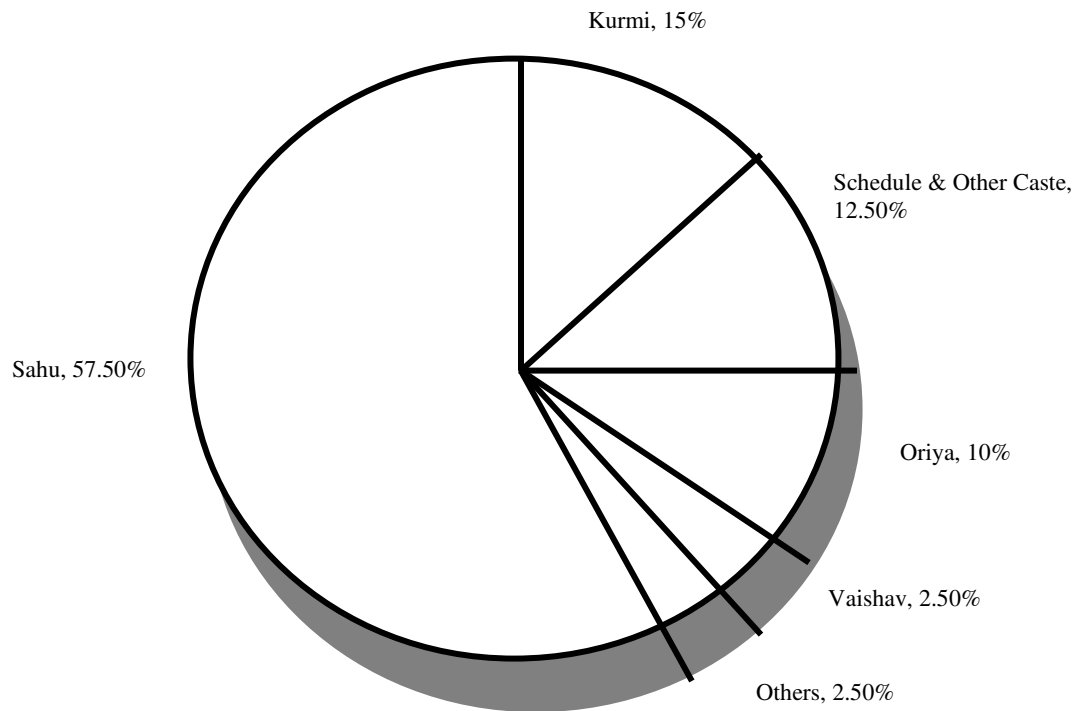


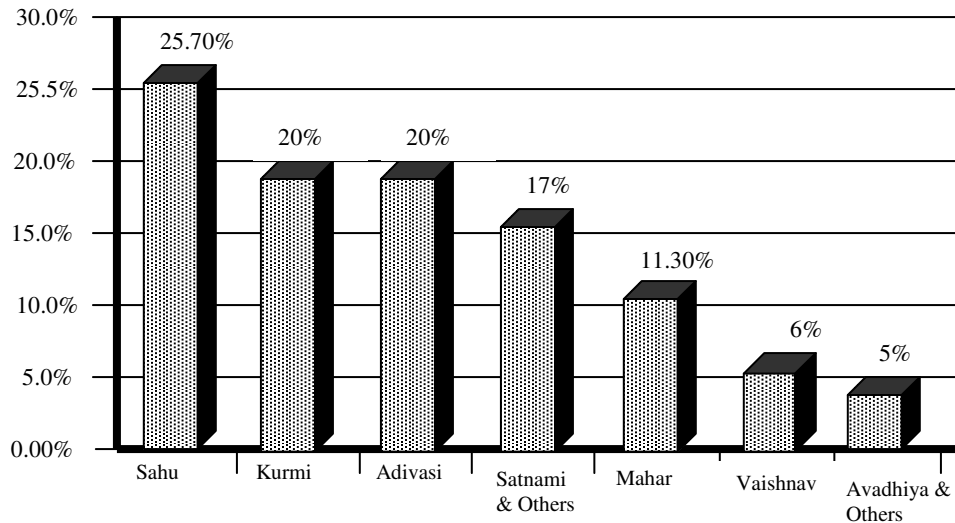
Approximate Percentage of various Castes admitted with Sickle Cell Disease in hospital



Percentage of various Castes admitted with Sickle Cell Disease in hospital

Caste	% of total population of Chattisgarh	Incidence of Carrier in these cast groups
Sahu	12%	25.7%
Karmi	10%	20% including Mahavar, Verma, Parganiha, Sinha, Chandravansi, Nayak, Bais, Baghel and other
Schedule Tribe	18%	20%
Schedule Caste	18%	17%
Total	58%	82.7%

Distribution of Carriers of Sickle Cell Gene in various Caste in Chattisgarh



To save the future generation from this genetic disease, some concrete steps need to be taken. Unfortunately no such steps have been taken so far. If a detailed epidemiological study can be carried out and the individuals suffering from the sickle cell trait or disease are counseled before marriage, further propagation of the disease can be easily prevented.

Keeping this view in account, the proposed project is to a) evaluate the actual load of the disease and b) step to prevent the disease.

Current Status of sickle Cell Disease in 9 blocks of Raipur district

(as on May 2010)

No. of Individuals Examined	No. of individuals found to be Sickie +ve (solubility test)	Haemoglobin electrophoresis pattern	
		HbAS	HbSS
~3.7 lakh	35,651	34,752	899