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The inverse relation of iodine and goiter in Utah.

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Various writers have shown statistically and by analyses the relation that iodine starvation bears to goiter, both simple and exophthalmic. McClendon and Hathaway¹ showed that Utah lies in the border line area of a goiter map of the United States, and the writer thought that it would be of value, therefore, to determine the relation of iodine contained in the water supply to goiter, in different localities of this State. The State Board of Health of Utah has been very cooperative in sending the results of surveys of the goiter situation in school children from places from which water samples were obtained. The following table shows rather strikingly the inverse relation of the iodine in the water supply to the goiter situation in these localities.

Town	Iodine in parts per hundred billion	Goiter percent
Lakeview	216	6
Goshen	250	15
Santaquin	61	45
Alpine (2 analyses)	18	57
Provo	30	High (exact per cent not given)

¹ *J. Am. Med. Assn.*, 1924, lxxxii, 1668.