

## Notes on Hereditary Deafness

### Publication/Creation

1880s

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5. Recurrent surnames - many surnames used - though  
 among 2,106 in <sup>American copy</sup> Hartford <sup>at present</sup> Conn. <sup>most Smiths</sup>

7. Ill. to Illinois 1,620

9. Table of deaf & dumb relatives of Hartford AS. Deaf & dumb  
 about  $\frac{1}{3}$  of the whole, has them - one  
 they run thru. 2 cases of father with 14 other, 1 uncle & 1 aunt  
 from father father's mother & other relations

10) 47 pupils had ~~one~~ or more parents deaf & dumb

Out of 6 asylums with an aggregate of 5823 pupils  
 1719 or 29.5 per cent had deaf mute relatives

11). Sporadic cases - may be intermarriage cases as established  
 variety (quote)

12). 33,868 deaf mutes in the United States, of whom  
 about 10 to 15,000 were congenital

Table of causes of deafness shows that

13) Out of 2692 congenital deaf mutes 54.5 per cent  
 had deaf-mute relatives - Applying this  
 to the total N<sup>o</sup> of them in the US we have 19,989  
 congenital with deaf & dumb relatives & 8,339 sporadic  
 cases with 2,146 who had deaf & dumb relatives & who are  
 stated to have become deaf by disease & accident

14. This excludes the latent tendency in brothers &  
 sisters of deaf mutes who are very likely to breed  
 deaf mutes -

11	3, 23
12	28
13	30
14	13
15	1
16	12
17	11
18	3

11

	12	9	3
23	144	121	23
6	72	66	6
56	672	616	56
60	720	600	60
26	312	286	26
2	24	22	2
173	264	242	22
22			198
195			6
3			204

$obs : hpf = \dots$   
 $obs = hpf \times h$   
 $h = \frac{obs}{hpf}$   
 $hpf = \frac{obs}{h}$   
 $obs = hpf \times h$





Chapter II. It seems that nearly half of the deaf mutes <sup>deaf</sup> married & three quarters of those who do <sup>have</sup> married deaf mutes, but their latter rate was smaller in the beginning of the century & is <sup>more than</sup> ~~now~~ <sup>per cent</sup> now. It has steadily increased - (the records are very imperfect) should be multiplied by [check here of family history] quote his conclusion p. 19

20 Chap III Offspring of Deaf mutes - 1 part  $\frac{1}{10}$  2  $\frac{3}{10}$   
 110 families Rev W W Turner

21 100 of m <sup>male</sup> married hearing wives 106 of m females were hearing <sup>Hadd.</sup>  
 of m many in America far more common than in Europe  
 (Great want of detail in the reports)

When of the marry a hearing person in the common belief to a family in which of m exists & has hereditary deafness

26 Non congenital deafness of operative seems little likely to be inherited

27 Total deaf mutes in America 33,878 is about 1 in 1500 according to census

28. Families of deaf mutes (heredity tables) \ 15 of them

41 Diagram of congenital deaf mutes in relation to population

Chap VI. Causes that determine deaf to marry deaf

75 - 50 part with <sup>quote</sup> tendency to of m

78 part of list of deaf children of deaf parents (above) (200)



Hepatitis in Deaf Mutes  
Notes on  
Graham Bell

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2v