



FEDERAL SECURITY AGENCY
PUBLIC HEALTH SERVICE

25 August 51

IN REPLYING, ADDRESS THE

Thomasville Station Section
P.O. Box 270
Thomasville, Georgia

Dr. Albert B. Sabin
Dept. of Pediatrics
The Children's Hospital Research Foundation
Elland Avenue and Bethesda
Cincinnati, Ohio

Dear Doctor Sabin:

I have taken Latin-American nativity figures from a census of a randomly selected sample of Hidalgo County conducted in 1946 and 1948. The figures which are presented in the accompanying table are not absolute, of course, but seem adequate for our purposes.

I believe these data show surprising similarities between the percentages of U. S. born Latin cases and total U. S. born Latin population, although the numbers of actual cases in many of the individual age groups are too small for significant comparison.

It is evident, however, that the birth site is not necessarily a reliable index of the duration of stay in an area for potential acquisition of subclinical immunity.

If you should find time, I would appreciate your comments on these figures.

Sincerely,

Ralph S. Paffenbarger, Jr., M.D.
Sr. Asst. Surgeon

cc: Dr. A. D. Langmuir

Nativity of 1948 Hidalgo County,
Latin-American, paralytic, poliomyelitis cases

Age	#	U.S.		#	Mexico	
		%			%	
0-11M	15	100	} 88	0	0	} 12
1-4	34	83		7	17	
5-9	5	83	} 89	1	17	} 11
10-14	3	100		0	0	
15-19	0	-	} 67	0	-	} 33
20-24	1	100		0	0	
25+	1	50		1	50	
Total	59	87		9	13	

Nativity of Hidalgo County, Latin-American Population
from PHS representative sample

Age	#	U.S.		#	Mexico	
		%			%	
0-11M	985	93	} 85	74	7	} 15
1-4	1881	81		450	19	
5-9	1549	76	} 77	491	24	} 23
10-14	1295	79		335	21	
15-19	1308	81	} 55	304	19	} 45
20-24	1248	72		489	28	
25+	2173	41		3125	59	
Total	10,439	66		5,268	34	