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JS

July 8, 1966

To: All Members of the Lead Health and Safety Committee

Re: Aboriginal Blood Samples

Attached you will find a tabulation of the results of analyses for lead by Dr. Leonard Goldwater on blood samples from New Guinea aborigines.

It is of interest to note that the range and average of blood lead concentrations found in the New Guinea aboriginal areas were quite similar to those found in a number of highly industrialized countries. Dr. Goldwater comments that the handling of these samples and the analytical procedures were the same as those followed in their international study of normal values.

Dr. Goldwater plans to include this information in a paper he will present at the annual meeting of the American Public Health Association this fall. We will, therefore, appreciate your keeping this information confidential until after it has been released by Dr. Goldwater at the A.P.H.A. meeting.

Very truly yours,

J.C. Roumas

James C. Roumas
Assistant Director
Health and Safety

JCR/jv
Attachment



Lead: threat with lead

Okada Samples

Name	Blood Lead µg/100 ml
Anaso	35
Marina	16
Mobino	24
Matakia	25
Nareba	35
Etenamn	26
I'ia	20
Paraga	30
Sia	26
Agekiali	20
Utigi	23
Okiani	25
Agogiba	25
Tataminta	38
Pabai	20
Akvaroto	15
Alagaso	15
Ekeentiola	20
Taboria	15
Yakiani	14
Alubi	17
Ivepa	15
Eokina	26
Keva	25
Arabeia	16

Coroka Samples

Name	Blood Lead µg/100 ml
Ove	25
Sa I	14
Hawai	18
Sa II	20
Mamavri	20
Boi	17
Tova	16
Molmo	16
Mesai	16
Harimov	12
Anovavo	30
Cori	36
Girive	26

SUMMARY

Values	No.	%
10 - 20 µg/100 ml	21	55
21 - 30 µg/100 ml	13	34
31 - 40 µg/100 ml	4	11
Total	38	100
Range	12 - 38 µg/100 ml	
Mean	21 µg/100 ml	

The mean figure is higher than that for Argentina, Chile, Czechoslovakia, Israel, Italy, Netherlands, Peru, Poland, Sweden, Yugoslavia, California and Ohio, as found in our recent study.

The mean figure is lower than that found in Egypt, England, Finland, Japan, and New York City.