

Genetic Effects

410078

MF

COLUMN WRITE ®

1 Village	2 Initial Population	3 No of Births in 30 years	4 No of Spontaneous Birth Defects in 30 yrs (10.7%)	5 30-year average Birth Defect (per 1000)*	6 —BEIR I— Total % Increase (0.2%/year)
1 Longelap (Rongelap)	200	460	49	2.5	.5
2 (Naen)	200	460	49	11.	2.2
3 (Rongelap)	130	300	32	2.5	.5
4					
5					
6 Likiep (Likiep)	600	1400	150	.56	.112
7					
8					
9					
10					
11 Mejit	300	700	75	.71	.142
12					
13					
14					
15					
16 Utuk (am)	250	580	62	.68	.136
17 (Utuk)	250	580	62	.53	.106
18					
19					
20					
21 Ujelang	100	230	25	.13	.026
22					
23					
24					
25					
BEST COPY AVAILABLE					
26 Ailuke (Kapen)	400	930	100	.52	.104
27 (Begen)	400	930	100	.66	.132
28 (Bereje)	400	930	100	.79	.158
29 (Ailuke)	400	930	100	.66	.132
30					
31 Wotho (Wotho)	100	230	25	.2	.04
32 (Medjeron)	100	230	25	.24	.048
33 (Malden)	100	230	25	.18	.036
34					
35					
36 Taka (Taka)	100	230	25	.14	.028
37 Jemo	100	230	25	.44	.088
38 Bikan	100	230	25	.52	.104
39 Rongirik	100	230	25	1.8	.36
40 Ailingmae (Nam)	100	230	25	1.8	.36

* Highest Post values ever used. From same source as BEIR I Community A & B Survey

36	.00007	.00028	37.2	.00016	.0024	.0096	36
37	.00022	.00088	101.2	.00051	.0076	.0304	37
38	.026	.104	119.6	.0006	.009	.036	38
39	.09	.36	414	.0021	.031	.12	39
40	.69	.36	414	.0021	.031	.12	40

* Bulk defects = 30 year white body down $\times 5 \times 10^{-6}$ \times Po of Bertha

REPOSITORY PNNL
COLLECTION Marshall Islands
BOX No. 56 88
FOLDER Calculations

DOCUMENT DOES NOT CONTAIN ECI

Reviewed by DJ Kriskw Date 4/30/97
