

## Summary of Thyroid Abnormalities in the Marshallese, 1981

| Age, 1954                          | No. | <u>Total Nodules</u> |      | <u>Carcinoma</u> |     | <u>Hypofunction</u> |      |
|------------------------------------|-----|----------------------|------|------------------|-----|---------------------|------|
|                                    |     | No.                  | %    | No.              | %   | No.                 | %    |
| <u>Rongelap</u>                    |     |                      |      |                  |     |                     |      |
| <10                                | 22  | 17                   | 77.3 | 1                | 4.5 | 3                   | 13.6 |
| 10-18                              | 12  | 3                    | 25.0 | 1                | 8.3 |                     |      |
| >18                                | 33  | 3                    | 9.1  | 2                | 6.1 | 4                   | 11.8 |
| Total                              | 67  | 23                   | 34.3 | 4                | 6.0 | 7                   | 10.4 |
| <u>Ailingnae</u>                   |     |                      |      |                  |     |                     |      |
| <10                                | 7   | 2                    | 28.6 |                  |     |                     |      |
| 10-18                              | 1   |                      |      |                  |     |                     |      |
| >18                                | 11  | 4                    | 36.4 |                  |     | 1                   | 9.0  |
| Total                              | 19  | 6                    | 31.6 |                  |     | 1                   | 5.2  |
| <u>Rongelap + Ailingnae</u>        |     |                      |      |                  |     |                     |      |
| <10                                | 29  | 19                   | 65.5 | 1                | 3.4 | 3                   | 10.3 |
| 10-18                              | 13  | 3                    | 23.1 | 1                | 7.7 |                     |      |
| >18                                | 44  | 7                    | 15.9 | 2                | 4.5 | 5                   | 11.4 |
| Total                              | 86  | 29                   | 33.7 | 4                | 4.7 | 8                   | 9.3  |
| <u>Utirik</u>                      |     |                      |      |                  |     |                     |      |
| <10                                | 64  | 5                    | 4.7  | 1                | 1.6 |                     |      |
| 10-18                              | 21  | 3                    | 14.2 | 1                | 4.8 |                     |      |
| >18                                | 79  | 9                    | 11.4 | 1                | 1.3 |                     |      |
| Total                              | 164 | 17                   | 9.1  | 3                | 1.8 |                     |      |
| <u>Matched Controls, Unexposed</u> |     |                      |      |                  |     |                     |      |
| <10                                | 229 | 6                    | 2.6  | 2                | 0.9 |                     |      |
| 10-18                              | 79  | 6                    | 7.6  | 1                | 1.3 | 1                   | 1.3  |
| >18                                | 292 | 23                   | 7.9  | 2                | 0.7 | 1                   | 0.3  |
| Total                              | 600 | 35                   | 5.8  | 5                | 0.8 | 2                   | 0.3  |

Summary of Thyroid Abnormalities in the Marshallese, 1981

| Age, 1954                          | No. | <u>Total Nodules</u> |      | <u>Carcinoma</u> |     | <u>Hypofunction</u> |      |
|------------------------------------|-----|----------------------|------|------------------|-----|---------------------|------|
|                                    |     | No.                  | %    | No.              | %   | No.                 | %    |
| <u>Rongelap</u>                    |     |                      |      |                  |     |                     |      |
| <10                                | 22  | 17                   | 77.3 | 1                | 4.5 | 3                   | 13.6 |
| 10-18                              | 12  | 3                    | 25.0 | 1                | 8.3 |                     |      |
| >18                                | 33  | 3                    | 9.1  | 2                | 6.1 | 4                   | 11.8 |
| Total                              | 67  | 23                   | 34.3 | 4                | 6.0 | 7                   | 10.4 |
| <u>Ailingnae</u>                   |     |                      |      |                  |     |                     |      |
| <10                                | 7   | 2                    | 28.6 |                  |     |                     |      |
| 10-18                              | 1   |                      |      |                  |     |                     |      |
| >18                                | 11  | 4                    | 36.4 |                  |     | 1                   | 9.0  |
| Total                              | 19  | 6                    | 31.6 |                  |     | 1                   | 5.2  |
| <u>Rongelap + Ailingnae</u>        |     |                      |      |                  |     |                     |      |
| <10                                | 29  | 19                   | 65.5 | 1                | 3.4 | 3                   | 10.3 |
| 10-18                              | 13  | 3                    | 23.1 | 1                | 7.7 |                     |      |
| >18                                | 44  | 7                    | 15.9 | 2                | 4.5 | 5                   | 11.4 |
| Total                              | 86  | 29                   | 33.7 | 4                | 4.7 | 8                   | 9.3  |
| <u>Utirik</u>                      |     |                      |      |                  |     |                     |      |
| <10                                | 64  | 5                    | 4.7  | 1                | 1.6 |                     |      |
| 10-18                              | 21  | 3                    | 14.2 | 1                | 4.8 |                     |      |
| >18                                | 79  | 9                    | 11.4 | 1                | 1.3 |                     |      |
| Total                              | 164 | 17                   | 9.1  | 3                | 1.8 |                     |      |
| <u>Matched Controls, Unexposed</u> |     |                      |      |                  |     |                     |      |
| <10                                | 229 | 6                    | 2.6  | 2                | 0.9 |                     |      |
| 10-18                              | 79  | 6                    | 7.6  | 1                | 1.3 | 1                   | 1.3  |
| >18                                | 292 | 23                   | 7.9  | 2                | 0.7 | 1                   | 0.3  |
| Total                              | 600 | 35                   | 5.8  | 5                | 0.8 | 2                   | 0.3  |

Summary of Thyroid Abnormalities in the Marshallese, 1981

| Age, 1954                          | No. | <u>Total Nodules</u> |      | <u>Carcinoma</u> |     | <u>Hypofunction</u> |      |
|------------------------------------|-----|----------------------|------|------------------|-----|---------------------|------|
|                                    |     | No.                  | %    | No.              | %   | No.                 | %    |
| <u>Rongelap</u>                    |     |                      |      |                  |     |                     |      |
| <10                                | 22  | 17                   | 77.3 | 1                | 4.5 | 3                   | 13.6 |
| 10-18                              | 12  | 3                    | 25.0 | 1                | 8.3 |                     |      |
| >18                                | 33  | 3                    | 9.1  | 2                | 6.1 | 4                   | 11.8 |
| Total                              | 67  | 23                   | 34.3 | 4                | 6.0 | 7                   | 10.4 |
| <u>Ailingnae</u>                   |     |                      |      |                  |     |                     |      |
| <10                                | 7   | 2                    | 28.6 |                  |     |                     |      |
| 10-18                              | 1   |                      |      |                  |     |                     |      |
| >18                                | 11  | 4                    | 36.4 |                  |     | 1                   | 9.0  |
| Total                              | 19  | 6                    | 31.6 |                  |     | 1                   | 5.2  |
| <u>Rongelap + Ailingnae</u>        |     |                      |      |                  |     |                     |      |
| <10                                | 29  | 19                   | 65.5 | 1                | 3.4 | 3                   | 10.3 |
| 10-18                              | 13  | 3                    | 23.1 | 1                | 7.7 |                     |      |
| >18                                | 44  | 7                    | 15.9 | 2                | 4.5 | 5                   | 11.4 |
| Total                              | 86  | 29                   | 33.7 | 4                | 4.7 | 8                   | 9.3  |
| <u>Utirik</u>                      |     |                      |      |                  |     |                     |      |
| <10                                | 64  | 5                    | 4.7  | 1                | 1.6 |                     |      |
| 10-18                              | 21  | 3                    | 14.2 | 1                | 4.8 |                     |      |
| >18                                | 79  | 9                    | 11.4 | 1                | 1.3 |                     |      |
| Total                              | 164 | 17                   | 9.1  | 3                | 1.8 |                     |      |
| <u>Matched Controls, Unexposed</u> |     |                      |      |                  |     |                     |      |
| <10                                | 229 | 6                    | 2.6  | 2                | 0.9 |                     |      |
| 10-18                              | 79  | 6                    | 7.6  | 1                | 1.3 | 1                   | 1.3  |
| >18                                | 292 | 23                   | 7.9  | 2                | 0.7 | 1                   | 0.3  |
| Total                              | 600 | 35                   | 5.8  | 5                | 0.8 | 2                   | 0.3  |