

AILINGLAPLAP SOCIOECONOMIC DATA: 2019

TOTAL NUMBER OF HOUSEHOLD SURVEYED: 114

TOTAL NUMBER OF PEOPLE IN SURVEYED HOUSEHOLD: 724

Gender of respondents:

Gender	Frequency	Percentage
Female	54	47
Male	60	53

Age of respondents:

Age	Frequency	Percentage
20	1	1
21	2	2
23	3	3
24	3	3
25	1	1
26	2	2
27	1	1
28	1	1
29	2	2
30	2	2
31	1	1
32	5	4
33	2	2
34	4	4
35	3	3
36	4	4
37	4	4
38	3	3

39	5	4
40	4	4
41	1	1
42	1	1
43	7	6
44	3	3
45	3	3
47	2	2
48	3	3
49	2	2
50	4	4
51	3	3
52	3	3
53	1	1
54	3	3
55	1	1
57	2	2
58	1	1
59	1	1
60	2	2
61	2	2
62	2	2
63	1	1
65	2	2
66	5	4
67	1	1
71	1	1
73	2	2
74	1	1
75	1	1

How long the respondents live on atoll by year:

Number of years	Frequency	Percentage
1	5	4
2	4	4
3	2	2
4	3	3
5	1	1
7	1	1
8	1	1
10	8	7
12	6	5
13	2	2
15	1	1
16	1	1
18	1	1
19	2	2
20	4	4
21	1	1
23	2	2
24	3	3
25	3	3
26	2	2
28	2	2
29	3	3
30	4	4
32	1	1
34	1	1
35	3	3
36	2	2
37	2	2
38	1	1
39	3	3

40	4	4
41	1	1
43	4	4
44	1	1
45	2	2
47	2	2
48	3	3
50	1	1
53	1	1
54	2	2
55	2	2
57	2	2
58	1	1
60	1	1
62	2	2
63	2	2
66	3	3
67	1	1
71	1	1
73	1	1
75	1	1

Total number of people living in households:

Number of people	Frequency	Percentage
1	1	1
2	5	4
3	14	12
4	13	12
5	22	19
6	15	13
7	13	11
8	8	7
9	5	4

10	7	6
11	2	2
12	3	3
13	1	1
14	1	1
15	3	3
19	1	1

Total number of fishermen, farmers and artisans in households

Livelihood	Frequency	Percentage
Fishermen	148	34
Farmers	191	44
Artisans	99	23

AGE GROUP:

Age group	Frequency
Elder	44
Middle age	87
Adult	196
Adolescent	157
Child	221

SEX RATIO:

Gender	Frequency
Elder Male	21
Elder Female	23
Middle age Male	41
Middle age Female	46

Adult Male	91
Adult Female	106
Adolescent Male	83
Adolescent Female	73
Child Male	127
Child Female	104

CHURCH DENOMINATION:

Denomination	Frequency
Assembly of God	1
Atheist	0
Ba'hai	0
Baptist	0
Bukot nan Jesus	7
Full Gospel	0
Catholic	9
Mormon	1
Protestant	77
Seventh Day Adventist	6

Employment rate:

	Frequency	Percentage
Employed	25	22
Not employed	89	78

Occupation:

	Frequency	Percentage
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Clergy	2	8
Council member	2	8
School teacher	7	28
Janitor/Maintenance/Technician	1	4
Police Officer	5	20
Health assistant	1	4
Electoral officer	1	4
KUMIT officer	2	8
AMI agent	3	12

Other sources of income:

	Frequency	Percentage
Copra	93	82
Salary	33	29
Fishing	47	41
Gleaning	11	10
Farming	49	43
Livestock	22	19
Handicraft	63	56
Land lease or house rent	2	2
Remittance	8	7
Own business	5	4
Social security	3	3
Tourism/Boat chartering	2	2

Primary income	Copra	51%
Secondary income	Handicraft	30%

Primary income earner	Male	57%
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Secondary income earner	Female	45%
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Level of Education:

	Frequency	Percentage
Elementary	7	6
Middle school	30	26
High school incomplete	35	31
High school diploma	18	16
College incomplete	14	13
Associates degree	4	4
Undergraduate degree	1	1
Graduate school	1	1
No formal education	4	4

Type of transportation:

	Frequency
Canoe	45
Fiberglass boat with engine	12
Fiberglass boat without engine	0
Aluminum boat with engine	2
Aluminum boat without engine	0
Wooden boat with engine	0
Wooden boat without engine	0
Auto diesel	4
Auto gasoline	5
Taxi	1
Bike	92
Wheel cart	51

MARINE:

Where do you fish:

	Frequency	Percentage
Lagoon side	102	90
Ocean side	2	2
Channel	3	3

Top Fishing Methods:

	Frequency
Bottom fishing	65
Spear fishing	67
Trolling	25
Throw netting	61
Long netting	35

Top Fishing Gears:

	Frequency
Flash light	45
Spear gun	59
Snorkeling gear	50
Scuba diving gear	0
Fish trap	1
Fishing line	76
Pole and line	35
Throw net	59
Long net	33

Do you participate in sea cucumber harvesting:

	Frequency	Percentage
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Yes	35	31
No	77	69

TOP REEF FISH

1. Bwilak
2. Bejrok
3. Mole
4. Jaap
5. Jo

TOP PELAGIC FISH:

1. Bwebwe
2. Lojabwil
3. Jilo

Do you catch seasonal fish?

	Frequency	Percentage
Yes	58	63
No	34	37

Fish species	Month	Frequency	Percentage
Pati	December	24	41
Drijin	December	4	17
Lojepjep	March	2	16

Do you hunt turtles:

	Frequency	Percentage
Yes	46	54
No	39	46

	Frequency
Turtle catch each trip	2
Turtle spot each trip	1

Compare fish quantity- 5 years:

	Frequency	Percentage
There are many more fish now	7	6
There are somewhat more fish now	3	3
About the same amount	19	18
There is somewhat fewer fish now	25	23
There are far fewer fish now	44	41

Fish quantity (explain)

	Frequency	Percentage
Overfishing	28	52
Radiation	1	2
Fish migration	5	9
More live corals	1	2
Habitat destruction	2	4
Climate change	8	15
Global warming	3	6
Modern fishing gear scaring the fish	3	6

They hardly fish	3	6
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Compare fish size- 5years:

	Frequency	Percentage
They are much bigger now	5	5
They are somewhat much bigger now	3	3
About the same	22	21
They are somewhat smaller now	23	22
They are much smaller now	46	43

Fish size (explain):

	Frequency	Percentage
Overfishing	28	58
Fish migration	4	8
Climate change	5	10
Healthy food/ Healthy corals	3	6
Radiation	3	6
They hardly fish	2	4
Modern fish gears scaring the fish	3	6

How often do you go out fishing:

	Frequency	Percentage
A few times a month	4	4
1-2 times per week	28	27
3-6 time per week	36	34
Everyday	36	34

When do you fish:

	Frequency	Percentage
Day time	26	2
Night time	7	7
Both	70	67

How much do you catch:

Pounds (lbs)	Frequency	Percentage
3	1	1
5	2	2
8	2	2
9	2	2
10	13	15
12	1	1
15	7	8
20	20	23
22	1	1
25	4	5
30	11	13
41	1	1
50	5	6
65	1	1
70	1	1
75	1	1
80	1	1
100	9	11
150	1	1

Catch Breakdown:

% Sale	% Consumption	Frequency	Percentage
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0	100	62	61
5	95	1	1
10	90	3	3
20	80	19	19
30	70	2	2
40	60	1	1
50	50	6	6
70	30	3	3
75	25	2	2
80	20	1	1
90	10	1	1

EARN AND SELL PER MONTH:

How much do you earn per month?

Amount	Frequency	Percentage
\$5	1	1
\$10	1	1
\$15	1	1
\$20	3	4
\$25	2	3
\$30	5	7
\$40	2	3
\$50	3	4

\$60	2	3
\$70	1	1
\$80	1	1
\$100	7	9
\$120	1	1
\$140	1	1
\$200	1	1
\$400	2	3
\$420	1	1
\$600	1	1
\$2000	1	1

How often do you sell your catch per month?

	Frequency	Percentage
1 time	17	24
2 time	7	10
3 times	1	1
4 times	5	7
5 times	1	1
8 times	1	1

Are you aware of ciguatera fish poisoning:

	Frequency	Percentage
Yes	91	86
No	15	14

TOP Ciguatera Fish Poisoning Species:

- Jalia
- Iool
- Ekmouj

Fish Market:

	Frequency
Majuro Fish Market (OIFMC)	15
Ebeye Fish Market	16
Within community	32
No Fish Market	44

TERRESTRIAL:

Livestock	Frequency
Pig	94
Chicken	108
Duck	1

Where do you keep livestock:

	Frequency
Lagoon side	10
Ocean side	2
Middle of the island	8
Free range	100

Tree	Frequency
Breadfruit	61
Coconut	81
Banana	77
Pandanus	80
Papaya	32
Lime	29
Apple	19
Taro	3

Where do you sell your crops:

Market:	Frequency	Percentage
Majuro	26	25
Ebeye	26	25
Within community	26	25

How often do you sell you crops per month:

	Frequency	Percentage
Once	28	34
Twice	9	11
Trice	3	4
Four times	2	2
6 times	4	5
8 times	1	1
15 times	1	1
20 times	1	1

Compare quantity of food tree-5 years

	Frequency	Percentage
There is somewhat more now		
About the same		
There is somewhat less now		
There is far less now		

How much do you earn per month:

	Frequency	Percentage
10	2	2
15	1	1
20	2	2
30	2	2
40	2	2
50	5	6
60	4	5
70	1	1
90	2	2
100	7	8
120	2	2
125	1	1
130	1	1
140	1	1
150	1	1
160	2	2
180	1	1
200	1	1
300	3	4
400	1	1
500	2	2

600	1	1
2000	1	1
3000	1	1
3500	1	1
4000	1	1

Compare terrestrial resources from 5 years ago:

	Frequency	Percentage
There is much more now	7	7
There is somewhat more now	8	8
About the same	24	23
There is somewhat less now	29	28
There is far less now	34	32

Explain quantity of food tree- 5 years

	Frequency	Percentage
Drought	21	32
Weather is getting better	8	12
Radiation	1	2
Climate change	22	33
Saly spray	4	6
Livestock eating garden	6	9
Senile trees	2	3
Cyst in trees	2	3

Non- Food Tree:

	Frequency
Konnat	19
Meria	9
Kono	2
Jon	2
Nin	11
Lukweej	12
Ekkon	2
Kajdo	4
Kidren	16
Kone	4
Blue gum	9
Kaar	6
Kotil	1

Do you plant trees to reduce salt spray:

	Frequency	Percentage
Yes	64	65
No	34	35

Where do you plant trees to reduce salt spray:

	Frequency	Percentage
Lagoonside	36	90
Oceanside	4	10

Which month is usually wet:

		Wet season											
		Wet season January	Wet season February	Wet season March	Wet season April	Wet season May	Wet season June	Wet season July	Wet season August	Wet season September	Wet season October	Wet season November	Wet season December
N	Valid	110	110	110	110	110	110	110	110	110	110	110	110
	Missing	4	4	4	4	4	4	4	4	4	4	4	4
Mode		0	0	0	0	0	0	0	1	0	0	0	0
Sum		12	12	15	12	15	21	30	69	22	21	24	37

Wet season:

	Frequency	Percentage
Anin rak	12	11
Wotiwot	6	6
Pata in allon	4	4
Kabilak	2	2
Eannat	2	2
Jabe	2	2
I don't know	82	75

Dry season:

	Frequency	Percentage
Drin drin in mejlep	7	6
Anin ean	14	13
Anin rak	1	1
Emora jet	2	2
Ejawotwot	3	3
I don't know	83	73

How do you say it in Marshallese if it is extremely dry:

	Frequency	Percentage
Drin drin in mejlep	11	69
Anin ean	4	25
Nuta	1	6

HANDICRAFT:

	Frequency
Shell	19
Coconut fiber	58
Pandanus leaves	82
Wood	9

Where do you sell your handicraft:

	Frequency
Majuro	53
Ebeye	40
Within community	41

How often do you sell you handicraft per month:

	Frequency	Percentage
1	44	56
2	11	14
4	11	14
6	1	1
7	1	1
10	1	1

How do you earn from selling your handicraft:

Amount (\$)	Frequency	Percentage
10	1	1
13	1	1
20	2	2
25	2	2
27	1	1
30	3	4
45	1	1
50	7	8
60	2	2
65	2	2
70	1	1
75	2	2
80	2	2
90	1	1
100	14	17
140	1	1
150	7	8
180	1	1
200	6	7
240	1	1
300	3	4
350	2	2
400	4	5
500	1	1
600	1	1
700	1	1
800	2	2
1000	2	2

What do you buy with your handicraft income:

	Frequency	Percentage
Food	71	84
Water	4	5
Transportation	8	9
Health care	15	18
Energy	3	4
Education	14	17

STATUS:

Environmental threats	Percentage		Human threats	Percentage
Harmful fishing practices	6		No electricity	3
Too much fishing	12		Remote location	9
Too much harvesting turtles	6		Out migration	9
Too much harvesting coconut crabs	13		Too many visitors	10
Invasive species	5		Poor Governance/ Communication	9
Climate change	63		Poor education services	2
Extreme weather events	69		Poor health services	7
Poor education	9		Poor transportation services	24
Not enough fresh water	25		Illegal dumping	19

What do you think of the health or current status of the following: (%)

Resources	Very healthy	Somewhat healthy	Somewhat unhealthy	Very unhealthy	I don't know
Coral reefs	5	25	37	12	21
Underground water	6	45	24	12	13

Native trees	8	39	41	9	3
Number of sea cucumber and urchin	22	15	11	11	2
Number of fish	8	12	37	14	1

Are you aware of any marine or terrestrial resource management measures that are in place? (%)

Measures	Yes	No	Not sure
Traditional protected area	69	20	10
Protected area	36	48	16
Limits on catch	27	70	4
Seasonal fishing	38	58	4
Collection sea invertebrates	40	58	3
Replanting native trees	38	57	5
Shoreline replanting	32	63	5
Species protection	36	40	24
Livelihood program	40	27	33
Zones	48	43	9

Does this household take part in conserving natural resources? (%)

Never	7
In past, not now	1
Seldom	18
Frequently	21
Always	53

To your understanding, do we practice any other sustainable measures in our culture? (%)

Yes	51
No	8
Not sure	41

Please explain answers on previous table: (%)

Practice conservation efforts	62
No littering	8
Limit fishing	31

Where do you get information about the environment? (%)

Newspaper	4
Radio	80
TV	0
Brochure	0
Information signs	0
Community members	41
Community meeting	29
Work	5
Mobile phone	1
Internet	0
Traditional knowledge	12

What do you do with the old batteries? (%)

Throw away with the rest of the trash	35
Put aside for separate disposal	62
Use to make fishing gears such as lead	1
I don't know	2

Have you heard of the Micronesia Challenge? (%)

Yes	2
No	97
Not sure	1

WATER:

What kind of access to freshwater do you have? (%)

Water catchment tank	92
Water well	18
Makeshift water bins	3
Gov't water supply system	5
Village water supply	10
Reverse osmosis	0

What are the individual volumes of your home's rainwater storage tanks?

Volume	Frequency
150	2
500	19
700	1
750	1
800	1
1000	76
1500	36
2000	9
3000	1

How does your household treat your main drinking water? (%)

No treatment	10
Boiling	6
Bleaching and chlorine	48

Cloth	37
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How do you dispose your trash? Where? (%)

Trash pits	72
Burn	17
Lagoon	8
Ocean	3

CLIMATE CHANGE:

Is your household exposed to any of the following climate impacts? (%)

Tropical storm/cyclone	50
Coastal erosion	54
Flooding/wave inundation	55
Drought	84
Tornadoes	8
King tides	29
Salt spray damage	67
Salt water intrusion	43
High temperature heat	64
Tsunami	9
Disease outbreak	50

How often do you and your household use traditional knowledge for forecasting weather events? (%)

Never	70
In past, but not now	1
Rarely	14

Often	11
Always	4

If you use traditional knowledge, how reliable is it for weather and climate forecasts? (%)

Not reliable	5
Sometimes	70
Very reliable	19

Have you heard of climate change, global warming and greenhouse effect? (%)

Yes	68
No	32

IF yes, from where? (%)

Radio/news	91
Visiting group (IOM, Disaster, WUTMI)	4
School	5

Do you know the difference between weather and climate:

100% said NO

AQUACULTURE:

Are there any ongoing aquaculture activities going on right now? (%)

Yes	5
No	95

Has there been any aquaculture projects or activities in the past within the atoll? (%)

Yes	14
No	86

What kind of animal/plant were cultured?
Giant clam, Fish, Turtle

Do you have any skills or have been trained in aquaculture?

Yes	11
No	89

If you were to farm marine animals/plants in the lagoon, will you need to get permission to do so? (%)

Yes	88
No	13

From who? (%)

Traditional leaders	71
Local government	17
Traditional leaders & Local government	13

How often does a field trip or AMI come to this Atoll?

1 week by plane/3-6 months by boat: 100%

What are the significant resources (terrestrial & marine) for this atoll? (%)

Handicraft	37
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Copra	68
Marine species	87
Livestock	94
Food tree	100
Fresh water	1

What are some of the existing projects that are currently happening? (%)

New airport runway	4
Farming project	39
Health clinic renovation	17
Women's club	35
School renovation	4

