



GOVERNMENT OF SAMOA

2005

AGRICULTURE SURVEY

MINISTRY OF AGRICULTURE AND FISHERIES
AND
MINISTRY OF FINANCE



PREFACE

The 2005 Agriculture Survey is the fifth Agriculture Survey conducted by the Statistical Department of the Ministry of Finance since the last Agricultural Census in 1999. It collected the same information as with the 2004 Survey but with more detailed informations on livestock and fisheries.

The exercise was funded by the Government of Samoa and was jointly conducted by the Ministry of Finance and the Ministry of Agriculture and Fisheries.

The survey provided information on the Agricultural sector, which we hope that stakeholders and policy makers will find useful in the development of Agriculture in Samoa.

I would like to record my appreciation to our respondents (Head of Households) for their continuing support in providing the informations asked of them.

To our colleagues at The Ministry of Agriculture and Fisheries, we thank you for your continuous support in providing the supervisory work during the fieldwork by your extension officers.



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SUMMARY OF RESULTS

AGRICULTURAL ACTIVITY

TOTAL NUMBER OF HOUSEHOLDS	23,964
NUMBER OF AGRICULTURALLY ACTIVE HOUSEHOLDS	17,962
NUMBER OF NON-AGRICULTURAL HOUSEHOLDS	2,959
NUMBER OF MINOR-AGRICULTURAL HOUSEHOLDS	3,043
TOTAL NUMBER OF HOLDINGS	17,962
TOTAL NUMBER OF PARCELS	40,224

SALE OF MAJOR CROPS

PERCENTAGE OF AGRICULTURALLY ACTIVE HOUSEHOLDS SELLING YOUNG AND/OR MATURED COCONUTS	7%
PERCENTAGE OF AGRICULTURALLY ACTIVE HOUSEHOLDS SELLING COPRA	0.3%
PERCENTAGE OF AGRICULTURALLY ACTIVE HOUSEHOLDS SELLING COCOA	6%
PERCENTAGE OF AGRICULTURALLY ACTIVE HOUSEHOLDS SELLING BANANAS	16%
PERCENTAGE OF AGRICULTURALLY ACTIVE HOUSEHOLDS SELLING TARO	31%
PERCENTAGE OF AGRICULTURALLY ACTIVE HOUSEHOLDS SELLING TARO PALAGI	2%
PERCENTAGE OF AGRICULTURALLY ACTIVE HOUSEHOLDS SELLING TAAMU	9%

CONSUMPTION OF MAJOR CROPS

PERCENTAGE OF HOUSEHOLDS CONSUMING YOUNG COCONUTS	22%
AVERAGE WEEKLY CONSUMPTION	11 nuts
PERCENTAGE OF HOUSEHOLDS USING COCONUTS FOR COOKING	66%
AVERAGE NUMBER OF COCONUTS USED FOR COOKING PER WEEK	34 nuts
PERCENTAGE OF HOUSEHOLDS CONSUMING COCOA	34%
AVERAGE WEEKLY CONSUMPTION OF COCOA	5 cups
PERCENTAGE OF HOUSEHOLDS CONSUMING BANANAS	83%
AVERAGE WEEKLY CONSUMPTION OF BANANA	3 bunches
PERCENTAGE OF HOUSEHOLDS CONSUMING TARO	64%
AVERAGE WEEKLY CONSUMPTION OF TARO	36 pieces
PERCENTAGE OF HOUSEHOLDS CONSUMING TARO PALAGI	8%
AVERAGE WEEKLY CONSUMPTION OF TARO PALAGI	9 baskets
PERCENTAGE OF HOUSEHOLDS CONSUMING TAAMU	45%
AVERAGE WEEKLY CONSUMPTION OF TAAMU	3 pieces

LIVESTOCK AND POULTRY

NUMBER OF LIVESTOCK KEPT AS OF DAY OF ENUMERATION:

CATTLE	49,000
PIGS	258,000
HORSES	2,500
CHICKEN	470,000

FISHERIES

PERCENTAGE OF HOUSEHOLDS ENGAGED IN FISHING	22%
PERCENTAGE OF FEMALE POPULATION ENGAGED IN FISHING	1%
PERCENTAGE OF MALE POPULATION ENGAGED IN FISHING	14%
PROPORTION OF CATCH CONSUMED:	
(I) 1/4 (Quarter)	22%
(II) 1/2 (Half)	14%
(III) 3/4 (Three Quarter)	8%
(IV) 1 (All)	56%
PROPORTION OF CATCH SOLD:	
(I) 1/4 (Quarter)	10%
(II) 1/2 (Half)	31%
(III) 3/4 (Three Quarter)	45%
(IV) 1 (All)	14%
PROPORTION OF CATCH GIVEN AWAY:	
(I) 1/4 (Quarter)	52%
(II) 1/2 (Half)	32%
(III) 3/4 (Three Quarter)	11%
(IV) 1 (All)	5%

CHAPTER ONE: INTRODUCTION

The Agricultural Survey 2005 is a follow up of the 2004 Survey of Agriculture to provide vital information required for Agricultural planning.

The Survey was conducted as a joint exercise between the Statistical Department of the Ministry of Finance and the Ministry of Agriculture and Fisheries.

The fieldwork was conducted in October/ November 2005 for three weeks by a team of thirty enumerators. The Agricultural Extensions Officers were employed as supervisors during the enumeration period.

The 1999 Census of Agriculture results were used as a frame in which a ten percent (10%) sample was selected. A total of 2,187 households were enumerated for the whole country broken down into 4 Regions as follows:

Number of Households Enumerated by Region

<i>Total (Samoa)</i>	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
2187	500	678	492	517

The survey questionnaire was basically the same as the one used in the 2004 survey with the exception of an additional section on the types of chemicals used, and some changes in the livestock and fisheries sections as required by the Ministry of Agriculture and Fisheries.

CHAPTER TWO: SURVEY METHODOLOGY

Census or complete enumeration of a population was thought to be the only way to collect reliable information about that population. However, the resources required are enormous and the respondent burden is great. The development of sampling theory over the last 50 years or so, has overcome this problem. Today, sample survey is universally accepted as providing reliable information about the entire population with much less resources.

For statistical purposes, Samoa is divided into four Regions; Apia Urban Area (AUA); North West Upolu (NWU); Rest of Upolu (ROU); and Savaii (SAV). These four regions are further sub divided into Faipule District, which are further sub divided into villages. Villages are further sub divided into Enumeration Area (EA), 878 in total.

The 2005 Agricultural Survey was based on a ten percent (10%) sample. The Statistical Department has developed its sampling methodology, which is used for its household surveys. The sampling methodology ensures that:

- (i) the sample is representative
- (ii) the respondent burden is minimized/ removed.

(For details of sampling methodology, please contact the Statistical Department)

CHAPTER THREE: ANALYSIS OF RESULTS

1. LEVEL OF AGRICULTURAL ACTIVITY

As with the 2004 Agriculture survey, five categories were used to establish the level of agricultural activity of each household. Three of these classified households as "agriculturally active" (Home Consumption only, mainly Home Consumption and Commercial) while the remaining two classified households as "non-agriculturally active" (Non-Agricultural and Minor Agricultural).

From the survey, 75 percent of the households were classified as agriculturally active with the remaining 25 percent as non-agriculturally active. Households in Savaii remain predominantly agriculturally active (96 percent of all households) compared to Upolu households (69 percent of all households).

Rest of Upolu region exhibited similar characteristics with Savaii with 94 percent of households being agriculturally active. The survey results provide a similar pattern with the 2004 survey.

2. HOLDING

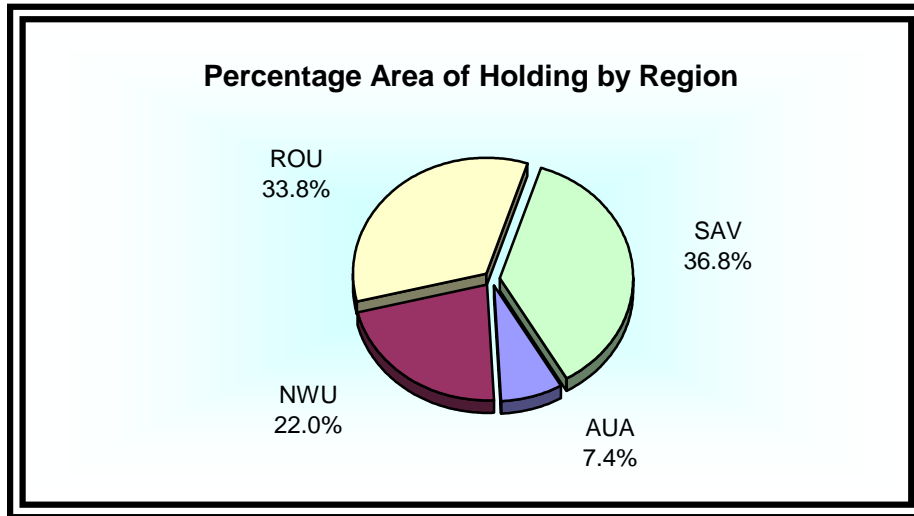
An agricultural holding may consist of one or more parcel. Some 40,224 parcels were recorded in 17,962 holdings.

Average Number of Parcels per Holding by Region:

Region	Average Number of Parcels/ Holding
Apia Urban Area (AUA)	2
North West Upolu (NWU)	2
Rest of Upolu (ROU)	2
Savaii (SAV)	3
SAMOA	2

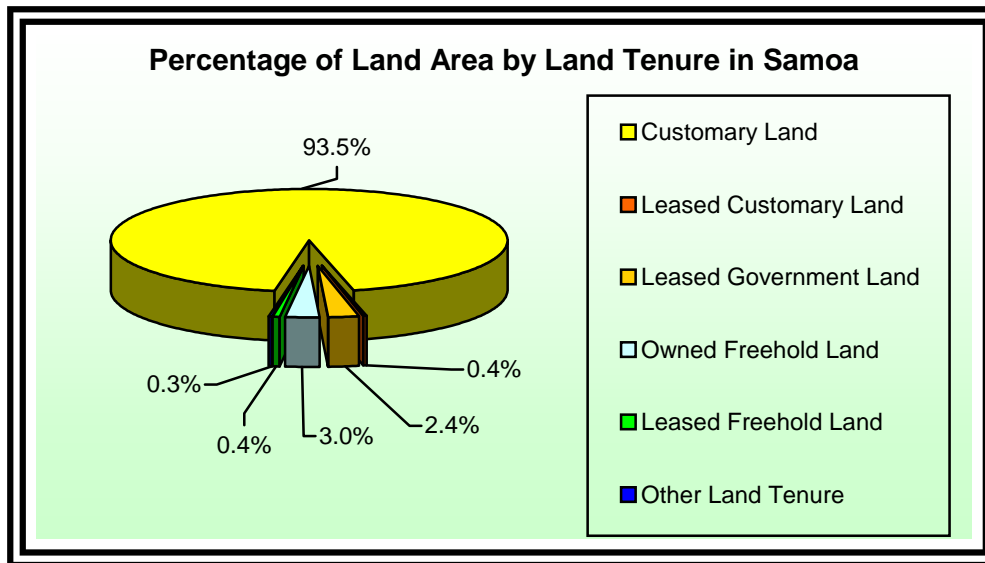
The above results are similar to that of the 2004 Survey, indicating that there have not been much new parcels of land developed for agricultural purposes between the 2004 and 2005 surveys.

The regional wide distribution of holdings also does not show any significant changes from the previous surveys.



3. LAND TENURE

Ninety four percent of the parcel land area is classified as customary land, while 3 percent was freehold land. The remaining 3 percent was under "other land tenure categories" and this is graphically illustrated below.



4. CROP AREAS

The survey collected information on crop areas for agriculturally active households only. Furthermore, the crop areas referred only to single crop and mixed crop patterns. It does not include scattered crops, which were collected in the 1999 Census.

After thorough consultation with the Ministry of Agriculture and Fisheries, it was decided to differentiate between Cocoa Samoa and Cocoa Solomon. The survey results indicated that some 6,900 acres was covered by Cocoa Samoa, while Cocoa Solomon covered about 260 acres.

Area under Kava also decreased slightly from 130 acres reported in 2004 to 110 acres reported in 2005.

On the other hand, area under Taro increased by 11 percent to 11,900 acres recorded in 2005.

Land covered by Taamu also increased from 5,100 acres in 2004 to 6,100 in 2005.

Area under Banana portrayed a significant change with an increase of 46 percent from 13,400 acres in 2004 to 19,600 acres in 2005.

5. SALE AND CONSUMPTION OF MAJOR CROPS

Information on the sale of major crops refers only to agriculturally active households while the consumption information refers to all households.

(i) COCONUTS

(A) Consumption

Sixty five percent of households were recorded using matured coconuts for human consumption. No significant change was observed with the 2004 results. Similarly, the average weekly consumption does not show any significant change from 2004.

The percentage of households using young coconuts for human consumption also remains the same.

Average weekly consumption (per household) of matured and young coconuts by region:

Region	Young Coconuts	Matured Coconuts	TOTAL
Apia Urban Area	11	20	31
North West Upolu	12	30	42
Rest of Upolu	12	35	47
Savaii	11	40	51
Samoa	11	34	45

(B) Sales

The survey gathered information on the sale of young coconut, matured coconut and copra, as with the 2004 survey.

About 2 percent of agriculturally active households sold about 326,000 drinking nuts in 2005 with the estimated value of sale in the past 12 months of SAT\$282,000.

Additionally, 6 percent of agriculturally active households sold approximately 4,260,000 matured coconut with the estimated value of sale in the past 12 months of SAT\$917,000.

Only 0.3 percent of agriculturally active households were recorded as selling copra, with the estimated value of sale of SAT\$173,000 during the reference period.

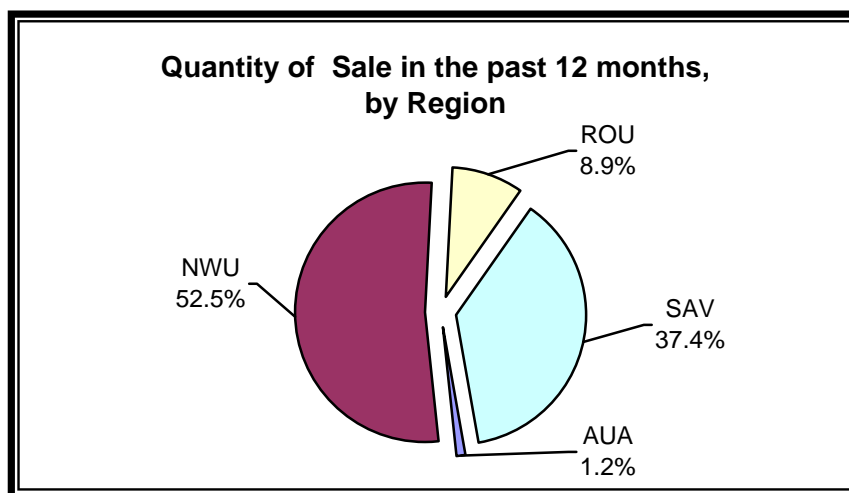
(ii) COCOA

(A) Consumption

The consumption of cocoa has decreased from 40 per cent in 2004 to 33 percent in 2005. On the contrary, average weekly consumption per household has increased from 3 to 5 packets in 2004 and 2005 respectively. Apia Urban Area region revealed the lowest average weekly consumption per household with only 2 packets compared with the North West of Upolu region with 6 packets.

(B) Sales

The survey recorded 6 percent of agriculturally active households selling Cocoa in 2005 with the estimated value of sale in the past 12 months of SAT\$1,330,000. North West Upolu region accounted for 52 percent of cocoa sold during the reference period compared to only 1 percent recorded in Apia Urban Area.



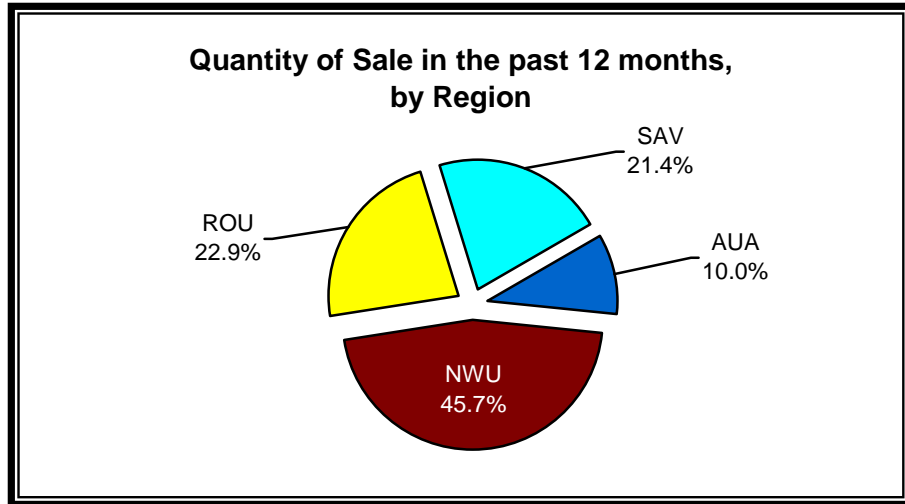
(iii) BANANA

(A) Consumption

Banana remains a major food item in Samoa. 80 percent of all households reported consumption of banana with an average weekly consumption per household of 3 bunches. The 2004 survey produced similar results where 78 percent of all households reported consumption of banana but with an average weekly consumption per household of 2 bunches.

(B) Sales

In contrast to consumption, only 16 percent of agriculturally active households had sold banana with the estimated value of sale in the past 12 months of SAT\$3,160,000. Most of the banana sold is from the North West Upolu Region, accounting for 46 percent of volume compared to only 10 percent in the Apia Urban Area.



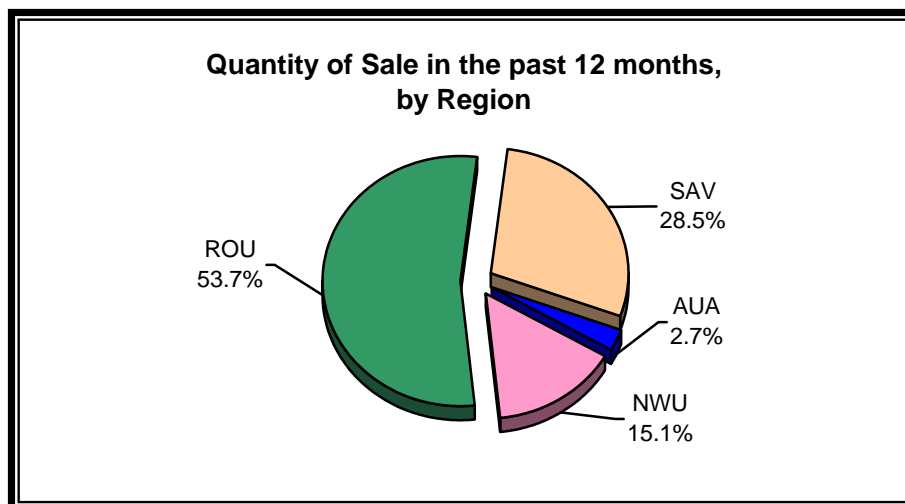
(iv) TARO

(A) Consumption

Consumption of taro shows no significant change from the 2004 survey results.

(B) Sales

The survey recorded 31 percent of agriculturally active households selling taro with the estimated value of sale in the past 12 months of SAT\$18,456,000. Graphically presented below is the distribution of the quantity of taro (by pile) sold during the reference period.



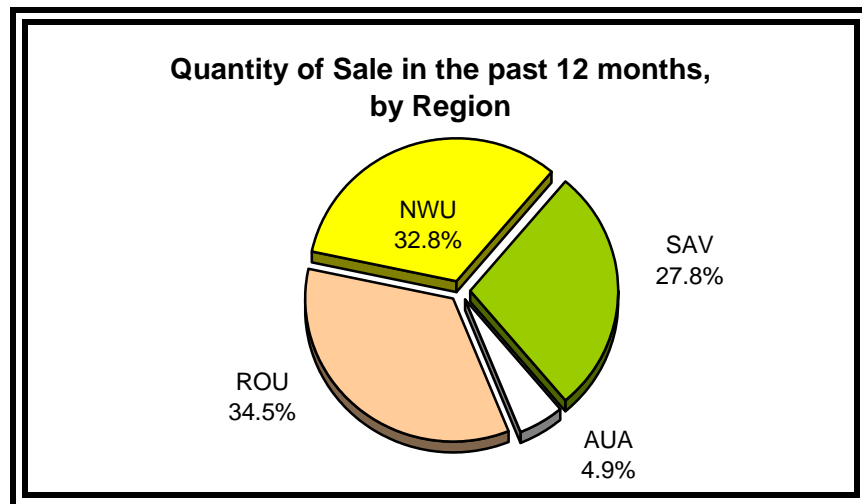
(v) TARO PALAGI

(A) Consumption

According to the survey, only 8 percent of households were recorded as consuming Taro Palagi with an average weekly consumption of 9 baskets. The majority of households (810) consuming Taro Palagi are located in the North West of Upolu Region while the least number of households (148) are located in the Apia Urban Area Region.

(B) Sales

About 2 percent of agriculturally active households were recorded selling Taro Palagi with an estimated value of sale in the past 12 months of SAT\$295,448. Rest of Upolu Region accounts for 35 percent of sales volume while Apia Urban Area Region accounts for only 5 percent.



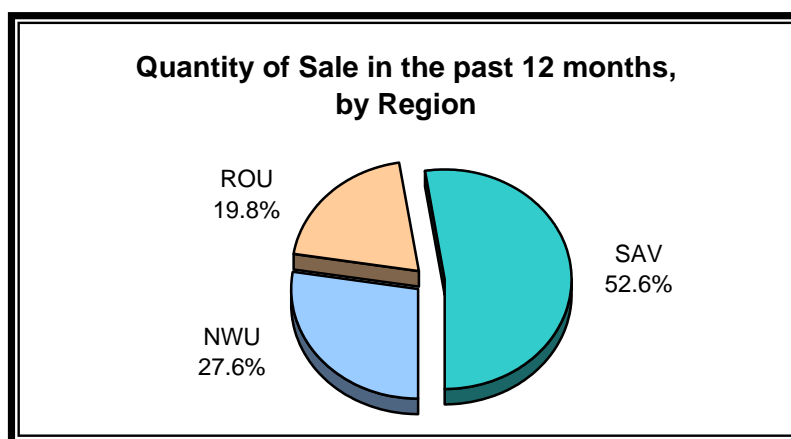
(vi) TAAMU

(A) Consumption

Consumption of Taamu recorded similar results with the 2004 survey.

(B) Sales

Nine percent of agriculturally active households were recorded during the survey selling about 288,000 taamu with the estimated value of sale in the past 12 months of SAT\$3,416,000. Depicted below is the distribution of the quantity of taamu sold by region.



6. USE OF CHEMICALS

As reported by the survey, 38 percent of agriculturally active households used chemicals for agricultural purposes compared to 44 percent recorded in 2004. The most predominant type of chemical used is weed control, as reported by 86 percent of households.

Additionally, 58 percent of households using weed control indicated that they have a license to purchase it while the remaining 42 percent revealed that they do not have a license to acquire it. The results reflect an increase in the number of households who had license to purchase weed control (from 45 percent to 58 percent). This may reflect the increase in compliance of farming households with the existing legislations.

7. LIVESTOCK AND POULTRY

Percentage of households raising different types of livestock is tabulated below, by region.

Type of Livestock	REGION				
	SAMOA	AUA	NWU	ROU	SAV
<i>CATTLE</i>					
Cows	16	1	2	7	6
Heifers	10	1	2	4	3
Bulls	9	1	1	4	3
Steers	5	0.5	0.5	2	2
Calves	10	1	1	4	4
<i>PIG</i>					
Sows	51	5	12	15	19
Breeding Boars	36	3	9	11	13
Gilts	28	2	6	9	11
Barrows	24	2	5	8	9
Piglets	48	4	12	15	17
CHICKEN	69	10	20	18	21

(A) CATTLE

According to survey findings, some 49,000 cattle were reported by the household sector. Of this total, 44 percent were in Rest of Upolu region, 26 percent in Savai'i region, 17 percent in North West Upolu and the remaining 13 percent in Apia Urban Area. This is a significant increase of 75 percent of cattle raised when compared to the 1999 Agriculture census.

Furthermore, a total of 12,300 cattle were slaughtered. This figure is represented by Fa'alavelave (65%), Sold (34%) and Consumption (1%). On the contrary, 1,700 live cattle were sold during the reference period.

According to the survey, the main system of rearing cattle is 'enclosed own' as reported by 57 percent of households who have cattle. This is followed by tether with 33 percent, free range with 4 percent then by 'enclosed others' with the remaining 6 percent.

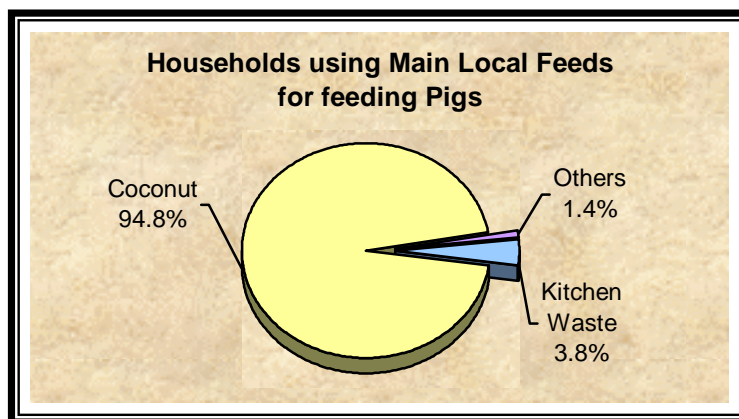
(B) PIGS

The survey also recorded some 258,000 pigs of which 54 percent are piglets, 17 percent are sows, 12 percent are breeding boars, 9 percent are barrows and the remaining 8 percent are gilts. This reflects an increase of about 25 percent in the number of pigs raised compared to 2004.

The survey reported 88,700 pigs slaughtered. Pigs slaughtered for fa'alavelave constituted 50 percent, followed by consumption with 41 percent and the remaining 9 percent were sold. Also, 8,200 live pigs were sold during the reference period compared to 4,200 live pigs sold in 2004.

In addition to this, some 14,000 households raised pigs where the main system of rearing is 'free range' as reported by 53 percent of households and the other being 'enclosed own' as reported by the remaining 47 percent of households.

Graphically illustrated below are the main local feeds used by households for feeding pigs.



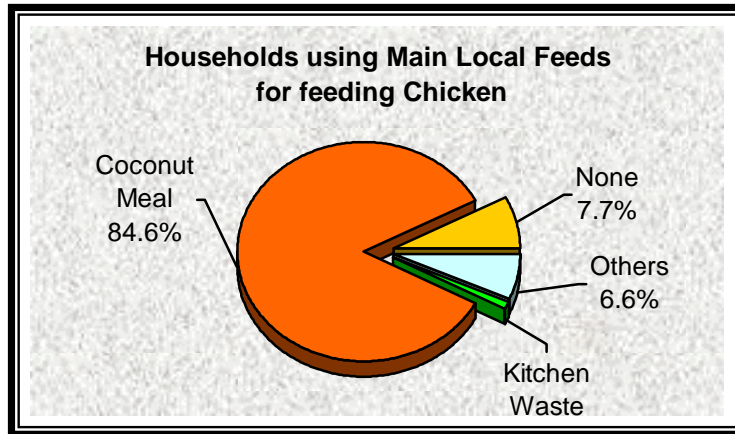
(C) CHICKEN

The survey findings also indicated that 16,400 households kept a total of 497,000 chickens. This is an increase of 8 percent of chicken raised when compared with 2004.

A total of 233,800 chickens were slaughtered during the reference period. Of this total, 59 percent was for consumption, 34 percent for fa'alavelave and 7 percent were sold. Furthermore, 17,000 live chickens were sold compared to 8,800 reported in the 2004 survey.

Of the 16,400 households that raised chicken, 98 percent indicated that the main system of rearing was 'free range' while 'enclosed own' represents the remaining 2 percent.

Depicted below are the main local feeds used by households for feeding chicken.

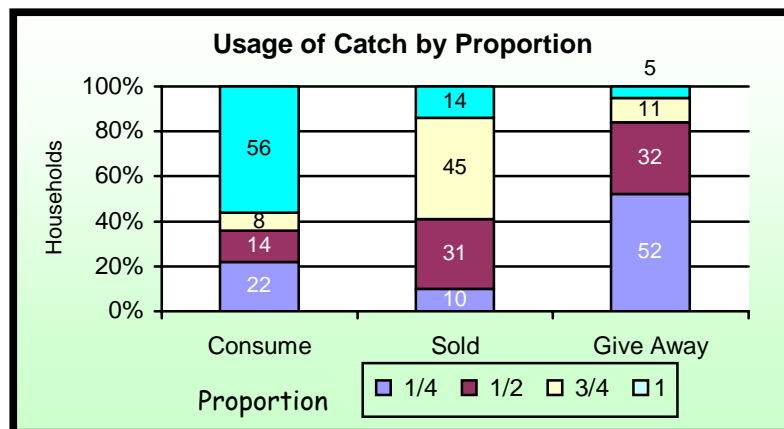


8. FISHERIES

The 2004 and 2005 surveys produced similar results where 21 percent of households were recorded as engaged in fishing activities during the reference period (last 14 days).

The majority of persons engaged in fishing are males accounting for 96 percent of the fishing population compared to 92 percent recorded in 2004. In addition to this, the main fishing method used is spear as reported by about 8,600 persons, while the least being bottom fishing as reported by some 40 persons.

The usage of fish caught is three fold: consumed, sold and given away. The proportions of which are graphically presented below.



APPENDIX 1: DEFINITION

HOLDING: An agricultural holding is an economic unit of agricultural production under single management single management comprising of all livestock kept and all land used wholly or partly for agricultural production purposes, without regard to title, legal form or size. Single management may be exercised by an individual or household, jointly by two or more individuals or households by a clan, or tribe or by a juridical person such as corporation, cooperative or government agency. The holding's land may consist of one or more parcels, located in one or more separate areas or in one or more enumeration areas, provided the parcels share the same production means utilized by the holding such as labor, farm, buildings or machinery.

PARCEL: A holding parcel is any piece of land entirely surrounded by other land, water, road, forest etc., road, forest etc., not forming part of this holding. A parcel may consist of one or more fields adjacent to each other. In other words, a parcel is contiguous piece of land in a holding. The entire land of the holding may consist of one or more than one parcel.

HOUSEHOLD : One or more persons who live together and have their meals together.

- ❖ Just one person living on his own and looking after himself/ herself is considered a household
- ❖ Usually a household occupies one building but in a few cases two or even more households may share one building. eg: four households living in an apartment building containing four apartment
- ❖ Alternatively, one household can occupy more than one building. eg: one household using a living fale, sleeping fale, kitchen fale, and three small fales
- ❖ An Aiga is normally composed of several households

APPENDIX 2: TABLES

Table 1. Number of households by level of agricultural activity by region:

Region	Level of Agricultural Activity					
	<i>Total</i>	Non Agricultural	Minor Agricultural	Home Consumption Only	Mainly for Home Consumption	Commercial Producers
<i>Total</i>	23,964	2,959	3,043	10,057	7,082	823
Apia Urban Area	5,547	1,667	1,670	1,903	295	12
North West Upolu	7,702	961	1,164	3,394	1,937	247
Rest of Upolu	5,338	209	119	1,879	2,711	421
Savaii	5,377	123	91	2,882	2,139	143

Table 2. Number of holdings by level of agricultural activity by region:

Region	Level of Agricultural Activity			
	<i>Total</i>	Home Consumption Only	Mainly for Home Consumption	Commercial Producers
<i>Total</i>	17,962	10,057	7,082	823
Apia Urban Area	2,210	1,903	295	12
North West Upolu	5,578	3,394	1,937	247
Rest of Upolu	5,010	1,879	2,711	421
Savaii	5,163	2,882	2,139	143

Table 3. Number of parcels by level of agricultural activity by region:

Region	Level of Agricultural Activity			
	<i>Total</i>	Home Consumption Only	Mainly for Home Consumption	Commercial Producers
<i>Total</i>	40,224	21,140	17,381	1,703
Apia Urban Area	3,383	2,766	593	24
North West Upolu	10,676	6,374	3,867	435
Rest of Upolu	12,362	4,420	7,103	840
Savaii	13,804	7,581	5,818	404

Table 4. Number of holdings growing crops by type of crops grown:

Crops	Region				
	<i>Total</i>	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
Coconut	15,581	1,338	4,556	4,721	4,965
Cocoa Samoa	10,419	821	3,306	2,450	3,841
Cocoa Solomon	909	9	256	277	366
Taro	15,574	1,407	4,399	4,784	4,985
Taro Palagi	3,351	303	1,288	899	861
Taamu	13,738	1,041	4,248	3,646	4,803
Yam	10,935	813	3,222	3,182	3,718
Cassava	1,446	159	400	209	678
Kava	885	39	121	225	500
Banana	17,209	2,074	5,428	4,708	4,999
Nonu	650	38	190	301	120
Peanut	134	9	92	22	10
Pawpaw	8,224	767	2,644	2,223	2,591
Tomatoe	3,066	295	1,139	544	1,088
Head Cabbage	166	57	51	32	26
Chinese Cabbage	920	89	340	299	191
Egg Plant	3,271	344	1,082	945	900
Long Beans	2,238	172	844	448	774
Short Beans	909	54	358	204	293
Cucumber	3,290	143	1,145	906	1,096
Breadfruit	15,184	1,867	4,686	4,047	4,584

Table 5. Number of holdings growing crops for home consumption only by type of crop grown by region:

Crops	Region				
	<i>Total</i>	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
Coconut	14,430	1,305	4,231	4,129	4,765
Cocoa Samoa	8,804	754	2,753	2,072	3,226
Cocoa Solomon	728	9	212	191	315
Taro	10,081	1,246	3,412	2,163	3,260
Taro Palagi	2,604	283	937	657	727
Taamu	11,226	1,029	3,518	2,844	3,835
Yam	9,676	813	2,871	2,711	3,281
Cassava	1,347	159	364	179	646
Kava	545	29	46	114	356

Banana	14,017	1,973	4,296	3,707	4,041
Nonu	617	38	190	281	107
Peanut	46	0	36	0	10
Pawpaw	7,623	767	2,322	2,114	2,420
Tomatoe	2,047	274	624	322	827
Head Cabbage	84	25	0	32	26
Chinese Cabbage	506	58	161	148	139
Egg Plant	2,862	344	818	873	827
Long Beans	1,730	172	557	335	667
Short Beans	685	54	231	161	241
Cucumber	2,288	101	608	671	908
Breadfruit	14,680	1,843	4,466	3,843	4,529

Table 6. Number of holdings growing crops mainly for sale by type of crop grown:

Crops	Region				
	<i>Total</i>	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
Coconut	96	0	29	54	13
Cocoa Samoa	81	12	12	35	22
Cocoa Solomon	11	0	0	11	0
Taro	353	0	73	196	85
Taro Palagi	65	0	32	33	0
Taamu	175	0	30	95	51
Yam	110	0	12	66	33
Cassava	20	0	0	20	0
Kava	236	9	65	101	61
Banana	199	0	45	122	32
Nonu	0	0	0	0	0
Peanut	78	9	57	11	0
Pawpaw	44	0	11	24	9
Tomatoe	195	11	84	22	77
Head Cabbage	29	0	29	0	0
Chinese Cabbage	104	11	48	12	32
Egg Plant	62	0	39	10	13
Long Beans	59	0	49	10	0
Short Beans	72	0	39	10	22
Cucumber	165	0	124	21	19
Breadfruit	34	0	21	0	13

Table 7. Number of holdings growing crops partly for sale and partly for home consumption by type of crop grown :

Crops	Region				
	<i>Total</i>	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
Coconut	1,055	33	296	538	187
Cocoa Samoa	1,534	56	541	344	593
Cocoa Solomon	170	0	44	76	51
Taro	5,140	161	913	2,425	1,641
Taro Palagi	682	21	319	208	134
Taamu	2,337	12	700	708	917
Yam	1,149	0	339	405	405
Cassava	78	0	36	10	33
Kava	103	0	10	10	83

Banana	2,993	101	1,087	879	926
Nonu	33	0	0	20	13
Peanut	11	0	0	11	0
Pawpaw	558	0	310	85	162
Tomatoe	824	9	432	200	183
Head Cabbage	53	32	22	0	0
Chinese Cabbage	309	20	131	138	20
Egg Plant	347	0	224	62	60
Long Beans	449	0	238	103	107
Short Beans	152	0	88	34	30
Cucumber	838	42	413	214	169
Breadfruit	469	24	200	204	42

Table 8. Number of holdings by size of holdings by region:

Region	Size of holdings (in acres)								
	<i>Total</i>	Less than 1 acre	1.00 - 1.99	2.00 - 4.99	5.00 - 9.99	10.00 - 19.99	20.00 - 49.99	50.00 - 99.99	100 and over
<i>Total</i>	17962	1568	1728	4884	5143	3232	1163	174	69
Apia Urban Area	2210	683	492	562	255	149	43	9	17
North West Upolu	5578	703	827	1867	1349	574	199	38	21
Rest of Upolu	5010	106	253	1425	1571	1077	505	62	11
Savaii	5163	77	155	1030	1967	1433	417	65	20

Table 9. Area of holdings by size of holdings by region:

Region	Size of holdings (in acres)								
	<i>Total</i>	Less than 1 acre	1.00 - 1.99	2.00 - 4.99	5.00 - 9.99	10.00 - 19.99	20.00 - 49.99	50.00 - 99.99	100 and over
<i>Total</i>	149,899	756	2,231	15,626	34,488	41,928	33,148	11,635	10,088
Apia Urban Area	11,036	308	614	1,649	1,645	1,747	1,129	828	3,115
North West Upolu	33,045	332	1,050	5,674	8,486	7,288	6,226	1,918	2,072
Rest of Upolu	50,625	68	347	4,850	10,653	14,233	13,811	4,477	2,185
Savaii	55,193	47	220	3,454	13,704	18,660	11,982	4,411	2,716

Table 10. Number of parcels by size of parcel by region:

Region	Size of parcels (in acres)							
	<i>Total</i>	0.25 - 0.49	0.50 - 0.99	1.00 - 1.99	2.00 - 4.99	5.00 - 9.99	10.00 - 19.99	20.00 and over
<i>Total</i>	40,224	3,140	4,512	7,810	15,386	6,148	2,208	1,021
Apia Urban Area	3,383	718	712	744	698	287	134	90
North West Upolu	10,676	1,234	1,576	2,208	3,929	1,148	381	200
Rest of Upolu	12,362	674	1,143	2,426	4,866	1,974	915	364
Savaii	13,804	514	1,081	2,432	5,893	2,738	777	368

Table 11. Area of parcels by size of parcels by region:

Region	Size of parcels (in acres)							
	<i>Total</i>	0.25 - 0.49	0.50 - 0.99	1.00 - 1.99	2.00 - 4.99	5.00 - 9.99	10.00 - 19.99	20.00 and over
<i>Total</i>	149,899	785	2,394	8,991	43,469	36,159	24,904	33,197
Apia Urban Area	11,036	179	388	849	1,973	1,740	1,511	4,395
North West Upolu	33,045	309	834	2,504	11,071	6,577	4,307	7,443
Rest of Upolu	50,625	168	611	2,838	13,673	11,790	10,549	10,995
Savaii	55,193	129	561	2,800	16,751	16,051	8,536	10,364

Table 12. Area of parcels (in acres) by land tenure:

Region	Type of Land Tenure						
	<i>Total</i>	Customary land	Leased customary Land	Leased government land	Owned freehold land	Leased freehold land	Others
<i>Total</i>	149,899	140,226	646	3,602	4,392	559	474
Apia Urban Area	11,036	8,012	92	751	2,033	63	84
North West Upolu	33,045	28,544	129	1,901	1,936	459	76
Rest of Upolu	50,625	49,382	425	414	348	37	20
Savaii	55,193	54,289	0	535	75	0	294

Table 13. Area of parcels (in areas) by main land use :

	<i>Total</i>	Tree Crops	Other Crops	Tree and other crops	Fallow	Virgin bush	Non agricultural use	Livestock and poultry
<i>Total</i>	149,899	20,404	6,937	92,476	1,725	1,330	5,716	21,311
Apia Urban Area	11,036	1,536	348	5,334	0	9	2,210	1,599
North West Upolu	33,045	4,114	1,192	23,941	267	109	889	2,533
Rest of Upolu	50,625	6,586	3,609	29,956	318	203	773	9,180
Savaii	55,193	8,168	1,787	33,246	1,140	1,009	1,843	8,000

Table 14. Estimated single crop equivalent area (acres) by crop type by region:

Type of Crops Grown	Region				
	<i>Total</i>	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
<i>Total</i>	<i>45,056</i>	<i>2,760</i>	<i>11,309</i>	<i>12,057</i>	<i>15,213</i>
Cocoa Samoa	<i>6,945</i>	230	1,758	1,454	2,877
Cocoa Solomon	<i>263</i>	1	51	75	125
Taro	<i>11,932</i>	546	1,988	3,983	3,738
Taamu	<i>6,142</i>	187	1,648	1,331	2,631
Cassava	<i>101</i>	3	15	3	29
Kava	<i>110</i>	2	28	3	72
Banana	<i>19,563</i>	1,791	5,821	5,208	5,741

Table 15. Number of households growing taro by type of taro:

Region	Taro Samoa	Taro Fili	Taro Polo Voli	Other Taro
<i>Total</i>	1,254	9,500	13,006	3,455
Apia Urban Area	21	687	980	190
North West Upolu	316	2,472	3,629	1,093
Rest of Upolu	345	2,494	3,760	1,075
Savaii	572	3,847	4,637	1,097

Table 16. Number of households that sold coconuts, quantity sold and estimated value of sales in the last 12 months:

Region	Young Coconuts			Matured Coconuts			Copra		
	<i>Total household</i>	Quantity (nuts)	Value Sold (Tala)	Total household	Quantity (nuts)	Value Sold (Tala)	Total household	Quantity (Sacks)	Value Sold (Tala)
<i>Total</i>	307	326,490	281,647	1,034	4,259,594	916,510	45	12,403	172,548
Apia Urban Area	0	0	0	35	265,044	33,367	14	6,048	3,024
North West Upolu	107	215,854	215,854	292	1,102,925	304,902	0	0	0
Rest of Upolu	166	107,239	62,396	558	2,535,985	381,662	21	5,500	160,970
Savaii	34	3,397	3,397	147	355,639	196,578	10	855	8,554

Table 17. Number of households that consumed Coconuts , quantity consumed and average weekly consumption:

Region	Young coconuts		Matured coconuts		Average Weekly consumption	
	<i>Total households</i>	<i>Weekly consumption (Nuts)</i>	<i>Total households</i>	<i>Weekly consumption (Nuts)</i>	<i>Young Coconuts</i>	<i>Matured Coconuts</i>
<i>Total</i>	5,225	59,271	15,461	524,380	11	34
Apia Urban Area	150	1,671	1,123	22,399	11	20
North West Upolu	1,712	20,077	4,779	144,555	12	30
Rest of Upolu	1,517	17,545	4,461	154,106	12	35
Savaii	1,846	19,978	5,099	203,321	11	40

Table 18. Number of Households that sold banana and cocoa, quantity sold and estimated value of sales in the last 12 months:

Region	Banana			Cocoa		
	<i>Total households</i>	<i>Quantity sold (bunch)</i>	<i>Estimated value (Tala)</i>	<i>Total households</i>	<i>Quantity sold (Packet)</i>	<i>Estimated value (Tala)</i>
<i>Total</i>	2,911	286,706	3,159,507	1,083	357,022	1,329,887
Apia Urban Area	121	28,340	236,082	53	4,362	11,768
North West Upolu	1,135	131,162	1,285,297	335	187,246	668,886
Rest of Upolu	778	65,850	951,851	247	31,849	119,993
Savaii	877	61,354	686,277	448	133,564	529,240

Table 19. Number of Households that consumed banana and cocoa, quantity consumed and average

weekly consumption:

Region	Banana		Cocoa		Average weekly consumption	
	<i>Total households</i>	Weekly consumption (bunch)	Total households	Weekly consumption(packet)	Banana (bunch)	Cocoa (packet)
<i>Total</i>	19,232	52,020	7,890	39,794	3	5
Apia Urban Area	3,116	6,371	438	912	2	2
North West Upolu	6,340	17,237	2,556	14,858	3	6
Rest of Upolu	4,725	14,108	1,814	8,888	3	5
Savaii	5,051	14,304	3,082	15,136	3	5

Table 20. Number of households that sold taro, taro palagi and taamu, quantity sold and estimated value of sales in the last 12 months:

Region	Taro			Taro Palagi			Taamu		
	<i>Total households</i>	Quantity sold (Pile)	Estimated value (Tala)	Total households	Quantity sold (basket)	Estimated value (Tala)	Total households	Quantity sold (Each)	Estimated value (Tala)
<i>Total</i>	5,628	1,189,843	18,455,826	387	23,349	295,448	1,654	288,335	3,416,431
Apia Urban Area	148	32,249	661,860	9	1,136	9,087	0	0	0
North West Upolu	919	179,217	2,770,317	171	7,657	106,470	459	79,450	880,266
Rest of Upolu	2,833	638,709	9,859,740	130	8,074	82,315	506	57,266	805,237

Savaii	1,727	339,669	5,163,909	76	6,482	97,576	689	151,619	1,730,929
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Table 21. Number of households that consumed taro, taro palagi and taamu, quantity consumed and average weekly consumption:

Region	Taro		Taro Palagi		Taamu		Average Weekly Consumption		
	<i>Total households</i>	Weekly consumption	Total households	Weekly consumption	Total households	Weekly consumption	Taro (Each)	Taro Palagi (basket)	Taamu (Each)
<i>Total</i>	14,869	539,004	1,837	16,881	10,435	32,336	36	9	3
Apia Urban Area	1,178	25,899	148	832	576	1,404	22	6	2
North West Upolu	4,330	132,659	810	5,934	3,498	10,863	31	7	3
Rest of Upolu	4,621	180,111	389	4,568	2,585	8,421	39	12	3
Savaii	4,739	200,335	491	5,548	3,776	11,647	42	11	3

Table 22. Number of households using chemicals by level of agricultural activity:

Region	<i>Total</i>	Home Consumption Only	Mainly for Home Consumption	Commercial Producers
<i>Total</i>	6774	2095	4101	578
Apia Urban Area	281	171	98	12
North West Upolu	1744	605	956	183
Rest of Upolu	3018	697	1990	331
Savaii	1731	622	1057	52

Table 23. Number of households using chemicals by type of chemical:

Region	Fertilizer	Pest Control	Weed Control
<i>Total</i>	<i>444</i>	<i>581</i>	<i>6174</i>
Apia Urban Area	70	32	240
North West Upolu	153	140	1619
Rest of Upolu	139	224	2760
Savaii	81	186	1555

Table 24. Number of households using weed control with license:

Region	<i>Total</i>	Yes license	No license
<i>Total</i>	<i>6184</i>	<i>3600</i>	<i>2584</i>
Apia Urban Area	<i>240</i>	221	19
North West Upolu	<i>1619</i>	888	731
Rest of Upolu	<i>2770</i>	1560	1210
Savaii	<i>1555</i>	931	624

Table 25. Number of households keeping livestock by type of livestock by region:

Type of Livestock	<i>Total</i>	AUA	NWU	ROU	Savaii
Cows	3,883	291	493	1,664	1,434
Hiefers	2,304	159	377	989	779
Bulls	2,048	216	304	877	651
Steers	1,101	101	169	468	364
Calves	2,427	247	324	1,070	787
Sows	12,166	1,106	2,913	3,677	4,471
Breeding boars	8,498	710	2,126	2,570	3,092
Gilts	6,556	481	1,391	2,110	2,574
Barrow	5,692	416	1,184	1,990	2,102
Piglets	11,482	974	2,918	3,507	4,084
Chicken	16,452	2,396	4,772	4,352	4,932
Horses	1,356	9	229	751	367
Ducks	113	21	10	31	51
Goats	10	0	0	10	0

Table 26. Number of livestock kept by type of livestock by region:

Type of livestock	<i>Total</i>	AUA	NWU	ROU	Savaii
Cows	21,069	2,678	2,693	9,599	6,098
Hiefers	8,300	928	1,499	3,920	1,952
Bulls	4,969	699	1,174	1,950	1,146
Steers	3,452	566	665	1,316	905
Calves	10,783	1,389	2,102	4,694	2,598
Total Cattle	48,573	6,260	8,133	21,479	12,699
Sows	44,335	2,993	8,287	15,098	17,957
Breeding boars	30,189	1,698	6,505	10,087	11,899
Gilts	21,949	1,287	4,317	7,975	8,370
Barrow	22,752	928	4,697	8,810	8,318
Piglets	138,432	6,810	28,962	47,943	54,717

Total Pigs	257,657	13,716	52,768	89,913	101,261
Chicken	496,931	66,519	154,751	131,618	144,043
Horses	2,516	9	796	1,118	594
Ducks	1,150	984	69	71	26
Goats	20	0	0	20	0

Table 27. Number of livestock slaughtered for sale by region:

Type of Livestock	Region				
	Total	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
cattle					
<i>Total</i>	4,189	224	536	1,978	1,451
Cows	2,170	186	344	942	698
Hiefers	874	28	99	329	418
Bulls	733	9	73	465	184
Steers	343	0	0	192	150
Calves	70	0	20	50	0
pigs					
<i>Total</i>	8,097	148	1,486	4,682	1,780
Sows	1,046	0	181	653	213
Breeding boars	1,695	10	295	1,114	277
Gilts	790	0	66	575	149
Barrow	1,382	71	380	568	364
Piglets	3,183	67	565	1,773	778
chicken					
<i>Total</i>	16,991	1,464	4,374	6,169	4,984

Table 28. Number of livestock slaughtered for consumption by region:

Type of Livestock	Region				
	Total	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
cattle					
<i>Total</i>	187	28	34	106	19
Cows	51	0	0	42	9

Hiefers	48	0	24	24	0
Bulls	50	0	10	40	0
Steers	38	28	0	0	9
Calves	0	0	0	0	0
pigs					
<i>Total</i>	<i>36,524</i>	<i>1,184</i>	<i>6,964</i>	<i>14,145</i>	<i>14,232</i>
Sows	1,103	9	143	563	388
Breeding boars	3,673	121	862	1,970	720
Gilts	1,030	0	149	680	202
Barrow	1,735	26	574	824	311
Piglets	28,983	1,028	5,235	10,109	12,611
chicken					
<i>Total</i>	<i>137,285</i>	<i>19,039</i>	<i>37,846</i>	<i>39,561</i>	<i>40,839</i>

Table 29. Number of livestock slaughtered for faalavelave by region:

Type of Livestock	Region				
	Total	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
cattle					
<i>Total</i>	<i>8,082</i>	<i>654</i>	<i>1,158</i>	<i>2,745</i>	<i>3,524</i>
Cows	4,024	232	559	1,327	1,906
Hiefers	1,881	130	255	624	873
Bulls	1,454	254	261	414	525
Steers	589	38	44	286	220
Calves	134	0	40	94	0
pigs					
<i>Total</i>	<i>44,028</i>	<i>2,584</i>	<i>9,682</i>	<i>15,213</i>	<i>16,549</i>
Sows	12,201	1,113	2,693	4,218	4,176
Breeding boars	11,839	385	2,286	4,006	5,164
Gilts	3,029	625	590	757	1,058
Barrow	7,426	133	1,993	2,578	2,722
Piglets	9,533	329	2,119	3,655	3,430
chicken					
<i>Total</i>	<i>79,470</i>	<i>7,859</i>	<i>25,105</i>	<i>23,599</i>	<i>22,906</i>

Table 30. Number of livestock sold live by region:

Type of Livestock	Region				
	Total	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
cattle					
<i>Total</i>	1,709	56	44	963	645
Cows	709	28	0	572	108
Hiefers	398	11	25	272	90
Bulls	166	16	10	44	96
Steers	53	0	0	23	31
Calves	383	0	10	52	321
pigs					
<i>Total</i>	8,159	105	1,549	4,293	2,212
Sows	829	21	103	292	412
Breeding boars	1,056	31	209	568	249
Gilts	547	0	25	441	81
Barrow	1,195	21	325	526	323
Piglets	4,532	32	886	2,465	1,147
chicken					
<i>Total</i>	16,991	1,464	4,374	6,169	4,984

Table 31. Number of households keeping livestock by main system of rearing by region:

Region	System of Rearing				
	<i>Total</i>	Free	Enclosed Own	Enclosed others	Tether
<i>Total</i>	4,858	195	2,771	303	1,588
Apia Urban Area	311	21	202	30	58
North West Upolu	567	0	435	32	99
Rest of Upolu	1,826	64	1,189	152	420
Savaii	2,154	109	945	88	1,011

Table 32. Number of households keeping cattle by kind of pasture used and supplement feed by region:

Region	Kind of Pasture				Supplementary Feed		
	<i>Total</i>	Improved	Native	Both	copra meal	spent grain	others
<i>Total</i>	4,858	584	3,377	897	150	168	785
Apia Urban Area	311	73	167	71	0	0	58
North West Upolu	567	107	275	184	32	21	98
Rest of Upolu	1,826	226	1,227	373	57	43	335
Savaii	2,154	178	1,707	269	61	104	295

Table 33. Number of households keeping pigs by main system of rearing and main local feed used by region:

Region	Total	pigs rearing		main local feeds		
		Free Range	Enclosed own	Kitchen waste	Coconut	Others
<i>Total</i>	13,991	7,415	6,576	529	13,268	194
Apia Urban Area	1,509	352	1,158	134	1,326	49
North West						
Upolu	3,707	1,241	2,465	241	3,386	80
Rest of Upolu	4,097	2,664	1,433	70	3,994	33
Savaii	4,677	3,158	1,520	84	4,561	32

Table 34. Number of households keeping pigs and main supplementary feed used by region:

Region	Supplementary Feed		
	copra meal	spent grain	others
<i>Total</i>	2,505	351	2,768
Apia Urban Area	203	108	407
North West			
Upolu	797	44	900
Rest of Upolu	865	95	751
Savaii	639	103	711

Table 35: Number of households keeping chickens by main system of rearing and main local feed

used by region:

Region	Total	chicken rearing		main local feeds			
		Free Range	Enclosed own	Kitchen waste	Coconut meal	Others	None
<i>Total</i>	16,421	16,131	290	176	13,894	1,082	1,269
Apia Urban Area	2,396	2,325	71	9	1,549	419	419
North West Upolu	4,752	4,597	155	44	4,105	206	398
Rest of Upolu	4,341	4,317	24	43	3,842	198	258
Savaii	4,932	4,892	40	80	4,398	260	194

Table 36. Number of households that use supplementary feed by type by region:

Region	Supplementary feed			
	kitchen waste	copra meal	chicken rice	others
<i>Total</i>	622	2,491	15,113	455
Apia Urban Area	42	210	2,290	39
North West Upolu	163	753	4,526	138
Rest of Upolu	189	636	3,762	180
Savaii	228	892	4,535	98

**Table 37:
Number of households engaged in fishing and number of fishing trips by region:**

Region	No. of fishing households	Number of fishing trips
<i>Total</i>	5,060	11,404
Apia Urban Area	229	410
North West Upolu	814	1,951
Rest of Upolu	2,009	4,459
Savaii	2,009	4,584

Table 38: Number of persons engaged in fishing , main fishing methods by gender and region:

Fishing method	Males					Females				
	<i>Total Males</i>	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii	<i>Total Females</i>	Apia Urban Area	North West Upolu	Rest of Upolu	Savaii
<i>Total</i>	14,337	563	2,739	5,511	5,524	647	11	131	391	114
Spear	8,544	130	1,620	3,475	3,320	75	0	0	56	19
Gleaning	93	0	20	44	29	194	11	30	106	47
Netting	2,568	109	1,002	997	460	124	0	12	112	0

Trapping	226	0	0	61	164	0	0	0	0	0
Fish Pole	1,171	24	10	307	830	20	0	0	20	0
Fish Line	665	107	30	189	339	0	0	0	0	0
Trawling Bottom Fishing	846	125	38	322	361	12	0	0	12	0
Others	181	68	20	72	21	222	0	89	84	49

Table 39: Number of households by main fish caught and usage of catch:

Apia Urban area

Main fish caught	Consume					Sold					Give Away				
	Total	1/4	1/2	3/4	1	Total	1/4	1/2	3/4	1	Total	1/4	1/2	3/4	1
<i>Total</i>	393	65	58	19	251	116	0	33	65	17	44	19	25	0	0
Reef fin fish	290	31	58	19	182	64	0	33	31	0	44	19	25	0	0
Crustaceans	34	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Bivalves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pelagic Fish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuna	69	35	0	0	35	52	0	0	35	17	0	0	0	0	0
Bottom Fish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Figota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 40: Number of households by main fish caught and usage of catch:

North West Upolu

Main fish caught	Consume					Sold					Give Away				
	<i>Total</i>	1/4	1/2	3/4	1	<i>Total</i>	1/4	1/2	3/4	1	<i>Total</i>	1/4	1/2	3/4	1
<i>Total</i>	1753	495	288	108	862	852	61	209	474	108	248	79	126	32	11
Reef fin fish	1588	465	254	108	760	775	61	187	444	83	224	79	103	32	11
Crustaceans	62	30	0	0	32	30	0	0	30	0	0	0	0	0	0
Bivalves	44	0	34	0	10	23	0	23	0	0	11	0	11	0	0
Pelagic Fish	10	0	0	0	10	25	0	0	0	25	13	0	13	0	0
Tuna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bottom Fish	49	0	0	0	49	0	0	0	0	0	0	0	0	0	0
Figota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 41. Number of households by main fish caught and usage of catch:

Rest of Upolu

Main fish caught	Consume					Sold					Give Away				
	<i>Total</i>	1/4	1/2	3/4	1	<i>Total</i>	1/4	1/2	3/4	1	<i>Total</i>	1/4	1/2	3/4	1
<i>Total</i>	3807	923	612	423	1849	1376	142	433	639	162	1370	730	397	152	91
Reef fin fish	3280	774	521	391	1594	1042	131	316	522	73	1140	609	377	118	36
Crustaceans	149	66	31	0	52	202	0	66	57	80	121	90	10	10	11
Bivalves	32	0	10	10	12	10	0	10	0	0	20	20	0	0	0
Pelagic Fish	220	60	40	22	98	111	11	30	60	10	21	11	10	0	0
Tuna	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0
Bottom Fish	45	13	0	0	32	0	0	0	0	0	13	0	0	13	0
Figota	70	10	11	0	49	11	0	11	0	0	54	0	0	10	44

Table 42. Number of households by main fish caught and usage of catch:

Savaii

Main fish caught	Consume					Sold					Give Away				
	Total	1/4	1/2	3/4	1	Total	1/4	1/2	3/4	1	Total	1/4	1/2	3/4	1
<i>Total</i>	4,229	726	496	255	2,752	1,305	151	468	451	235	797	446	254	79	19
Reef fin fish	3,858	655	444	236	2,523	1,189	132	420	427	210	718	417	222	60	19
Crustaceans	33	33	0	0	0	33	0	9	24	0	9	9	0	0	0
Bivalves	173	0	22	0	151	0	0	0	0	0	22	0	22	0	0
Pelagic Fish	20	0	11	0	9	11	0	11	0	0	0	0	0	0	0
Tuna	98	28	19	0	51	28	0	28	0	0	38	19	9	9	0
Bottom Fish	0	0	0	0	0	25	0	0	0	25	0	0	0	0	0
Figota	47	9	0	19	19	19	19	0	0	0	9	0	0	9	0

Table 43. Number of households by main fish caught and usage of catch:

Samoa

Main fish caught	Consume					Sold					Give Away				
	Total	1/4	1/2	3/4	1	Total	1/4	1/2	3/4	1	Total	1/4	1/2	3/4	1
<i>Total</i>	10,182	2,209	1,454	805	5,713	3,649	354	1,143	1,629	523	2,459	1,273	803	262	120
Reef fin fish	9,015	1,925	1,277	754	5,059	3,070	324	955	1,424	365	2,127	1,124	728	210	65
Crustaceans	279	129	31	0	119	265	0	75	110	80	130	100	10	10	11
Bivalves	249	0	66	10	173	33	0	33	0	0	53	20	33	0	0

Pelagic Fish	250	60	51	22	118	147	11	41	60	35	34	11	23	0	0
Tuna	177	63	19	0	95	80	0	28	35	17	38	19	9	9	0
Bottom Fish	95	13	0	0	82	25	0	0	0	25	13	0	0	13	0
Figota	117	19	11	19	68	30	19	11	0	0	64	0	0	19	44

Table 44. Number of households that received/bought seafood by type , quantity received/bought and estimated value (Tala):

Fish/invertebrate Types	HHs	individual		piece		string		bottle		bundle		plastic		basket		ofu	
		qty	\$	qty	\$	qty	\$	qty	\$	qty	\$	qty	\$	qty	\$	qty	\$
Reef fin fish	13,268	12,371	59,460	2,652	14,729	23,184	436,106	821	791	0	0	255	2,253	0	0	147	1,185
Pelagic fish	462	441	7,192	200	4,037	24	656	0	0	0	0	0	0	0	0	0	0
Tuna	704	1,255	19,874	204	3,279	0	0	0	0	0	0	0	0	0	0	0	0
Echinoderms	2,740	3,858	68,677	1,533	19,825	0	0	0	0	0	0	25	180	0	0	0	0
Mollusks	2,691	35	593	0	0	0	0	1,286	30,544	0	0	34	223	72	1,627	5,530	100,603
Bivalves	213	304	3,257	0	0	13	199	10	198	0	0	0	0	0	0	21	214
Crustaceans	63	304	542	0	0	0	0	10	149	10	49	9	123	11	114	0	0
Processed	332	881	14,008	0	0	336	2,221	0	0	0	0	0	0	0	0	10	149

Table 45: Total Household Population Enumerated by Age Group, Sex and Region

Region	Age Group								
	All Age Groups			Under 15 Years			15 Years and Over		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	198,598	102,078	96,520	80,021	41,627	38,394	118,577	60,452	58,126
Apia Urban Area	43,683	21,564	22,119	16,694	8,130	8,564	26,989	13,435	13,554
North West Upolu	60,563	31,408	29,154	24,151	12,612	11,540	36,412	18,796	17,615
Rest of Upolu	46,791	24,569	22,223	19,125	10,422	8,704	27,666	14,147	13,519
Savaii	47,561	24,537	23,024	20,051	10,464	9,587	27,511	14,073	13,437

Table 46: Total Population of Agriculturally Active Houesholds Age Group, Sex and Region

Region	Age Group								
	All Age Groups			Under 15 Years			15 Years and Over		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Samoa	157,909	82,036	75,873	64,347	33,860	30,487	93,561	48,175	45,386
Apia Urban Area	19,676	9,836	9,840	7,402	3,573	3,829	12,274	6,263	6,010
North West Upolu	47,014	24,578	22,436	18,849	9,882	8,967	28,166	14,697	13,469
Rest of Upolu	44,981	23,685	21,296	18,510	10,144	8,366	26,471	13,542	12,930
Savaii	46,237	23,936	22,301	19,586	10,262	9,324	26,652	13,674	12,977

Table 47: Total Population of Fishing Households by Age Group, Sex and Region

Region	Age Group								
	All Age Groups			Under 15 Years			15 Years and Over		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	<i>47,853</i>	<i>25,599</i>	<i>22,253</i>	20,349	11,192	9,157	27,504	14,407	13,097
Apia Urban Area	<i>1,980</i>	<i>1,024</i>	<i>956</i>	718	349	369	1,261	675	586
North West Upolu	<i>7,758</i>	<i>4,354</i>	<i>3,404</i>	3,179	1,828	1,350	4,580	2,526	2,053
Rest of Upolu	<i>19,764</i>	<i>10,529</i>	<i>9,235</i>	8,478	4,749	3,729	11,286	5,780	5,506
Savaii	<i>18,351</i>	<i>9,692</i>	<i>8,659</i>	7,974	4,266	3,708	10,376	5,426	4,950