

APPENDIX A. General Explanation

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GENERAL INFORMATION

The following definitions and explanations relate to items shown in the tables which may require additional descriptions. Most of the definitions are from the instructions given to enumerators. For exact wording of the questions and the instructions included on the questionnaire, see appendix B.

The enumeration of the 1980 Census of Agriculture began in April 1980. Therefore, the data on land in farms; fruits, nuts, and tree crops; equipment and facilities; livestock and poultry inventories; represent the situation existing at the time of enumeration. Data for acres and production of crops are for the calendar year 1979.

FARM OPERATOR

The term "operator" designates a person who operates a farm, either by doing the work himself/herself or directly supervising the work. The operator may be the owner, a member of the owner's household, a tenant or renter, the manager, or the person in charge of an institutional farm. For Matai lands, the Matai was always considered as the operator of land used for the benefit of the extended family group (aiga). An individual member of the family group who raised crops or kept livestock or poultry for his/her own account on land assigned by the Matai, was considered to be the operator of the land so assigned. By definition, the number of farm operators is the same as the number of farms.

FARMS OR OPERATORS REPORTING

Figures for "farms" represent the number of farms for which the specified item was reported. The difference between the total number of farms and the number of farms reporting an item represents the number of farms not producing that item, provided a correct report was received for all farms. When applicable, figures are given for the number of farms or operators not reporting items that were intended to be obtained for all farms.

LAND

All data related to land tenure and to land in farms refer only to land located in American Samoa and operated on enumeration

day. The land to be included in each farm was determined from the answers to questions 1 through 4 in Section 1 of the questionnaire.

The land owned and the land rented from others or worked on shares for others were first added together and then the land rented to others or worked on shares by others was subtracted. The result represents "Total acres in this place."

Land owned—This item includes all land that the operator owned, his/her spouse or both held under title, purchase contract or mortgage, or as heir or trustee of an undivided estate at the time of enumeration. Land managed by a hired manager was also considered owned.

Land rented or leased from others—This item includes all land rented, even though the landlord may supply equipment, fertilizer, other materials, and/or some supervision of the work.

Land rented to others—This item includes all land rented to others for cash, share of the crops or livestock, or rent-free.

LAND USE

Land in farms consists primarily of "agricultural land", i.e., land used for crops, pasture, or grazing; but it also includes areas of land not actually under cultivation nor used for pasture or grazing. For example, the entire area of land including woodland and wasteland that farm operators owned or rented from others was included as land in farms, unless the report indicated it was being held for nonagricultural purposes.

The land in farms was to be distributed according to the way in which it was being used on the day of enumeration. The land uses described in the following paragraphs were mutually exclusive in that each acre of land was included only once even though it may have had more than one use during the year.

Cropland used for crops—This item refers to all land planted in crops at the time of the enumeration. Land was to be reported only once even if two or more crops were planted on the same land. It included: (1) field crops that were grazed when mature or almost mature; (2) land in bearing and nonbearing fruit and nut trees or plants, or any other tree crops; (3) land that had partial but not total crop failure; and (4) land in home gardens.

Cropland not used for crops—This item refers to all land that the operator considered as cropland but on which no crops were planted. It included: (1) land used for pasture and grazing that the operator feels could have been used for crops without additional clearing or irrigation; (2) land with total crop failure as a result of drought, flood, insect, fire, or other causes; (3)

idle and fallow cropland; and (4) cropland with soil improvement grass, cover crops, etc., for the purpose of improvement.

Pasture or grazing land—This item refers to all land suitable for pasture or grazing, except land used for crops and cropland pasture whether or not used for grazing livestock. It also includes woodland being used for pasture.

Other land—This item refers to all land that did not qualify either as cropland or pastureland. It includes land in house and building lots, lanes, roads, ditches, ponds, swamps, steep slopes, wasteland, brushland, and nonpastured woodland.

TYPE OF HOLDING

Agricultural operations were classified according to the response the enumerator obtained from the farm operator as to whether the farm was producing mainly for home consumption or mainly for sale.

Holdings with production mainly for home consumption—This applies to holdings where the agricultural output was mainly consumed by the holder's household.

Holdings with production mainly for sale—This applies to holdings where the agricultural output was mainly for sale. These holdings were further classified by the farm operator according to their most important activity.

Crop holding—is one on which the value of sales was mainly from crops.

Livestock and/or poultry holding—is one on which the value of sales was mainly from the sale of livestock and livestock products and/or poultry and poultry products.

Mixed holding—is one on which the value of sales was mainly a combination of sales of crops, livestock, livestock products, and/or poultry and poultry products.

Other holding—is one on which the value of sales was mainly from the sale of agricultural products not listed in the previous groups, such as honey.

CROPS HARVESTED

The report form contained individual inquiries for crops grown and space to write in those less frequently produced for the year 1979.

When two or more crops or two or more plantings of the same crop were harvested from the same land, the acres were to be reported for each separate crop or planting. Data for quantity harvested were obtained for vegetables, field crops, fruits, nuts, and other tree crops. All quantities harvested were reported in pounds for vegetables, field crops, fruits, nuts, and tree crops, except pineapples and root crops, which were reported in number of fruits and roots, respectively.

LIVESTOCK, POULTRY, AND FISH

Data for livestock and poultry show the number on hand at the time of enumeration. All livestock and poultry on the place were enumerated at the time of the enumeration regardless of ownership.

Sales data were collected for chickens and dozens of eggs sold from the place during 1979. Also, data for pounds of fish sold and value of sales were for 1979. This was the first time that data on fish were collected as part of the census of agriculture.

Fish caught by the farm operator and members of his/her family were also enumerated. All commercial fish operations were excluded, as were oysters, crabs, lobsters, shrimp, and other marine animals.

In the data for cattle and calves, "Milk cows" were defined as cows that had been on the place on the day of enumeration and were milked at any time during 1979. All other cows were to be included in the data for "Other cattle and calves."

SELECTED EQUIPMENT AND FACILITIES

Equipment—The following types of equipment on the place at the time of enumeration regardless of ownership were counted as long as they were in operating condition and used in the farm business.

Tractors—include all kinds other than garden tractors and motor tillers.

Motortrucks—include pickup trucks and truck-trailer combinations, and also jeeps and station wagons if used primarily as trucks.

Automobiles—include cars, jeeps, and station wagons used primarily as passenger cars.

Facilities—The presence or absence of electricity and/or piped running water on the place was enumerated.

Electricity—includes electrical power anywhere on the place including the dwelling of the operator.

Piped running water—includes water in pipelines by a pressure system or gravity flow from natural or artificial sources. Water from a hand pump was not considered to be piped running water.

OPERATOR CHARACTERISTICS

Residence of operator—Farm operators were classified by residence according to whether or not they lived on the farms they were operating. Some of those who did not live on the farms they operated lived on farms operated by others. If all the land was rented from others or worked on shares for others, the operator was considered to live on the farm operated if the dwelling was included in the rental agreement. In such cases, the dwelling was not necessarily on the farm operated. Similarly, an operator who did not live on the land being cultivated,

but who had some agricultural operations (other than a home garden) at his/her dwelling, was considered to be living on the farm operated.

Year began operating present farm—Enumerators were instructed to obtain the year an operator began to operate the farm, i.e., the first year the operator took continuous charge of the present farm or any part of it.

Main occupation—This question was asked to determine whether the principal occupation of the operator was agricultural or non-agricultural. If the operator devoted 50 percent or more of his/her work time to agricultural activities, his/her main occupation was considered to be agriculture.

Work off farm—The extent to which farm operators rely on nonfarm sources for part of their income is indicated by the number of days worked off the farm during 1979.

Age of operator—For the 1980 census, farm operators were classified by age into six groups. The average age was derived from the sum of the ages of all farm operators reporting age divided by the number of operators reporting.

CLASSIFICATIONS OF FARMS

Farms by size—Farms were classified by size on the basis of the total land area determined for each farm. According to the census definition, a farm is essentially an operating unit, not an ownership tract. All land operated by one person or partnership

represents one farm. In the case of tenants, the land assigned to each tenant is considered a separate farm even though the landlord may consider his entire land holding to be one unit rather than several separate units.

Farms by tenure of operator—In the 1980 census, farms were classified by tenure of operator on the basis of data reported for land owned, land rented from others, or worked on shares for others. During the processing operations, each questionnaire was coded to indicate whether the farm operator was a full owner, a part owner, or a tenant. The various classifications of tenure are:

Full owners—operate only land they own.

Part owners—operate land they own and also land they rent from others.

Tenants—rent from others or work on shares for others all the land they operate.

Farms by age of operator—age of the operator, as of last birthday, was obtained for all farms. The operators were classified into one of the following age groups:

Under 25 years.
25 to 34 years.
35 to 44 years.
45 to 54 years.
55 to 64 years.
65 years and over.

APPENDIX B. Questionnaire

Form Approved: O.M.B. No. 41-S79061

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes.					Part A QUESTIONNAIRE IDENTIFICATION				
FORM 80-A1(AS) U.S. DEPARTMENT OF COMMERCE (112-3-79) BUREAU OF THE CENSUS					County number	ED number	CENSUS USE ONLY	Farm serial number	CENSUS USE ONLY
<div style="border: 1px solid black; display: inline-block; padding: 2px 5px;">A1</div> 1980 CENSUS OF AGRICULTURE AMERICAN SAMOA					Island/District				
					County				
					Part B OPERATOR'S NAME AND MAILING ADDRESS				
					Full name — First name, middle initial, last name				
					Address — Complete mailing address				
CENSUS USE ONLY									
035	036	037	038	039					

INSTRUCTIONS

A farm is defined as "any place that has 15 or more poultry (chickens, ducks, guineas, etc.); 5 or more livestock (cattle, hogs, goats, etc.); a combined total of 10 or more fruit or nut trees or plants; or any place of 100 square meters or more on which roots or field crops or vegetables were harvested for sale during 1979."

Matai lands

a. The Matai should be reported as the person in charge under part B, above.

b. All lands to which title is held or ownership is claimed by the Matai should be reported as owned under section 1, question 1.

c. Any land used for the benefit of the extended family group (aiga), to which Matai does not hold title or claim ownership, should be reported as land rented FROM OTHERS under section 1, question 2. Do this even though no rent is paid to the owner of this land.

d. Any land to which the title is held or ownership claimed by the Matai which is used by a nonmember of the extended family group (aiga) should be reported as land rented TO OTHERS under section 1, question 3. Do this even though

no rent is paid by the nonmember. Likewise, if any member of the Matai family (fanau) or extended family group (aiga) is in full charge of the growing crops or keeping of animals or poultry on lands assigned to him by the Matai, such lands should be entered under section 1, question 3. In such cases, a separate agriculture questionnaire should be filled, for the lands reported under section 1, question 3 in the name of that member as the person in charge.

e. The area for which the Matai is expected to report about crop production is restricted to that shown under section 1, question 4.

Privately owned lands, not held or operated under the Matai system — If crops were raised or livestock or poultry are kept, fill this agriculture questionnaire in the name of the person in charge. The person is the one responsible for making the decisions. The person will usually be the head of the family which plants or gathers the crops.

Experimental farms, schools, churches, and other institutions — If crops were raised or livestock or poultry are kept, fill this agriculture questionnaire in the name of the institution. Also, give the name of the manager or superintendent in part B, above.

Section 1 LAND IN AGRICULTURE		None Acres Whole acres Tenths	
1. How many acres do you own or use in ownerlike possession? <input type="checkbox"/>		040	/10
Are these Matai lands? 2 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes			
2. How many acres do you rent FROM OTHERS? Include land used rent free. <input type="checkbox"/>		042	/10
a. What is the FULL NAME of the owner of this land? <input type="checkbox"/>			
b. Are these Matai lands? 2 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes			
3. How many acres do you rent TO OTHERS? Include land for which no rent is received <input type="checkbox"/>		044	/10
4. TOTAL ACRES IN THIS PLACE — ADD acres owned (question 1) and acres rented (question 2), then SUBTRACT acres rented TO OTHERS (question 3), and enter the result in this space.		045	/10
5. How many separate TRACTS or PIECES of land or plantations are represented in the "Total acres in this place"? Number of pieces			
6. Is this holding producing mainly for home consumption or sale? — Mark (X) one.			
1 <input type="checkbox"/> Home consumption — SKIP to question 8. 2 <input type="checkbox"/> Sale — If for sale, go to question 7.			
7. What kind of a holding is it? — Mark (X) one.			
1 <input type="checkbox"/> Crop holding 3 <input type="checkbox"/> Mixed holding 2 <input type="checkbox"/> Livestock and/or poultry holding 4 <input type="checkbox"/> Other			
8. What percent of the farm operation is financed by each of the following sources?			
a. Operator		None	Percent
b. Private		049	
c. Commercial		050	
d. Government		051	
e. Other — Specify		052	
		053	

Section 2		VEGETABLES AND FIELD CROPS													
Did you harvest any VEGETABLES or FIELD CROPS last year — such as cabbage, cassava, taro, yams, etc.?															
002 1 <input type="checkbox"/> Yes — Complete this section 2 <input type="checkbox"/> No — Go to section 3															
		None													
		<table border="1"> <thead> <tr> <th colspan="2">How many acres were harvested in 1979?</th> <th colspan="2">How much was harvested in 1979?</th> </tr> <tr> <th colspan="2">(a)</th> <th colspan="2">(b)</th> </tr> <tr> <th>Whole acres</th> <th>Tenths</th> <th></th> <th></th> </tr> </thead> </table>		How many acres were harvested in 1979?		How much was harvested in 1979?		(a)		(b)		Whole acres	Tenths		
How many acres were harvested in 1979?		How much was harvested in 1979?													
(a)		(b)													
Whole acres	Tenths														
1. Cabbage.....	<input type="checkbox"/>	060	061 Pounds												
2. Cassava.....	<input type="checkbox"/>	062	063 Roots												
3. Corn.....	<input type="checkbox"/>	066	067 Pounds												
4. Cucumber.....	<input type="checkbox"/>	068	069 Pounds												
5. Giant Taro.....	<input type="checkbox"/>	070	071 Roots												
6. Green peas.....	<input type="checkbox"/>	072	073 Pounds												
7. Green peppers.....	<input type="checkbox"/>	074	075 Pounds												
8. Sugarcane.....	<input type="checkbox"/>	076	077 Pounds												
9. Taro.....	<input type="checkbox"/>	090	091 Roots												
10. Yams.....	<input type="checkbox"/>	094	095 Roots												
11. Other crops (Kava, sweetpotatoes, tobacco, etc.) — Specify <u> </u>	<input type="checkbox"/>	096	097 Pounds												
		098	099 Pounds												

Section 3		FRUITS, NUTS, AND TREE CROPS													
Do you have any FRUIT, NUT, or TREE CROPS on this place — such as bananas, coconuts, mangoes, pineapples, etc.? (Quantity harvested in 1979 and number of trees or plants on enumeration day.)															
003 1 <input type="checkbox"/> Yes — Complete this section 2 <input type="checkbox"/> No — Go to section 4															
		None													
		<table border="1"> <thead> <tr> <th colspan="2">How many trees or plants are on this place?</th> <th colspan="2">How much was harvested in 1979?</th> </tr> <tr> <th colspan="2">(a)</th> <th colspan="2">(b)</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> </tr> </thead> </table>		How many trees or plants are on this place?		How much was harvested in 1979?		(a)		(b)					
How many trees or plants are on this place?		How much was harvested in 1979?													
(a)		(b)													
1. Avocados.....	<input type="checkbox"/>	120	121 Pounds												
2. Bananas.....	<input type="checkbox"/>	122	123 Pounds												
3. Breadfruits.....	<input type="checkbox"/>	126	127 Pounds												
4. Cocoa.....	<input type="checkbox"/>	128	129 Pounds												
5. Coconuts.....	<input type="checkbox"/>	130	131 Pounds												
6. Grapefruits.....	<input type="checkbox"/>	132	133 Pounds												
7. Lemons.....	<input type="checkbox"/>	140	141 Pounds												
8. Limes.....	<input type="checkbox"/>	142	143 Pounds												
9. Mangoes.....	<input type="checkbox"/>	144	145 Pounds												
10. Oranges.....	<input type="checkbox"/>	146	147 Pounds												
11. Papayas.....	<input type="checkbox"/>	148	149 Pounds												
12. Pineapples.....	<input type="checkbox"/>	150	151 Fruits												
13. Other fruits, nuts, or tree crops (pandanus, kopok, citrons, coffee) — Specify <u> </u>	<input type="checkbox"/>	158	159 Pounds												
		160	161 Pounds												
		162	163 Pounds												

Section 4		LAND USE															
Of the total acres in this place (Section 1, question 4) —																	
		None															
1. How many acres are in crops?		<input type="checkbox"/>	<table border="1"> <thead> <tr> <th colspan="2">Acres</th> </tr> <tr> <th>Whole acres</th> <th>Tenths</th> </tr> </thead> <tbody> <tr> <td>201</td> <td>/10</td> </tr> <tr> <td>202</td> <td>/10</td> </tr> <tr> <td>203</td> <td>/10</td> </tr> <tr> <td>204</td> <td>/10</td> </tr> <tr> <td>205</td> <td>/10</td> </tr> </tbody> </table>	Acres		Whole acres	Tenths	201	/10	202	/10	203	/10	204	/10	205	/10
Acres																	
Whole acres	Tenths																
201	/10																
202	/10																
203	/10																
204	/10																
205	/10																
2. How many acres are in other cropland (cropland pasture, crop failure, idle cropland, and cropland used for soil improvement)?		<input type="checkbox"/>															
3. How many acres are in other pasture or grazing land? Include woodland pastured. Do not include cropland pasture.		<input type="checkbox"/>															
4. How many acres are in other lands? Include houselots, roads, woodland not pastured, wasteland, etc.		<input type="checkbox"/>															
5. TOTAL LAND (Add entries in questions 1 through 4. Total should be equal to entry in section 1, question 4.)																	

Section 5 LIVESTOCK AND POULTRY																			
How many of the following livestock and/or poultry are on this place?																			
1. Total cattle and calves (Must equal the sum of questions "a" and "b" below) <input type="checkbox"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10px;">None</th> <th style="width: 10px;">Number</th> </tr> <tr> <td></td> <td>251</td> </tr> <tr> <td></td> <td>252</td> </tr> <tr> <td></td> <td>253</td> </tr> <tr> <td></td> <td>254</td> </tr> <tr> <td></td> <td>255</td> </tr> <tr> <td></td> <td>259</td> </tr> <tr> <td></td> <td>266</td> </tr> <tr> <td></td> <td>267</td> </tr> </table>	None	Number		251		252		253		254		255		259		266		267
None	Number																		
	251																		
	252																		
	253																		
	254																		
	255																		
	259																		
	266																		
	267																		
Of this total, how many are —																			
a. Milk cows <input type="checkbox"/>	<input type="checkbox"/>																		
b. All other cattle and calves <input type="checkbox"/>	<input type="checkbox"/>																		
2. Hogs and pigs <input type="checkbox"/>	<input type="checkbox"/>																		
3. Horses, mules, and colts <input type="checkbox"/>	<input type="checkbox"/>																		
4. Other livestock — Specify <input type="checkbox"/>	<input type="checkbox"/>																		
5. Chickens <input type="checkbox"/>																			
6. Other poultry (ducks, pigeons, guineas, geese, etc.) — Specify <input type="checkbox"/>																			
7. How many chickens were sold during last year? <input type="checkbox"/>																			
8. How many dozens of chicken eggs were sold during last year? <input type="checkbox"/>																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10px;">None</th> <th style="width: 10px;">Quantity sold in 1979</th> </tr> <tr> <td></td> <td>275</td> </tr> <tr> <td></td> <td>276</td> </tr> <tr> <td></td> <td>277</td> </tr> <tr> <td></td> <td>278</td> </tr> <tr> <td></td> <td>279</td> </tr> </table>		None	Quantity sold in 1979		275		276		277		278		279						
None	Quantity sold in 1979																		
	275																		
	276																		
	277																		
	278																		
	279																		
Section 6 FISHERY																			
1. How many pounds of fish were caught during 1979? <input type="checkbox"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10px;">Total pounds caught (a)</th> <th style="width: 10px;">Total pounds sold (b)</th> <th style="width: 10px;">Value of sales (dollars) (c)</th> </tr> <tr> <td>277</td> <td>278</td> <td>279</td> </tr> </table>	Total pounds caught (a)	Total pounds sold (b)	Value of sales (dollars) (c)	277	278	279												
Total pounds caught (a)	Total pounds sold (b)	Value of sales (dollars) (c)																	
277	278	279																	
Section 7 SELECTED EQUIPMENT AND FACILITIES USED ON THIS PLACE																			
1. How many of the following are on this place? Include all specified equipment on this place today, regardless of ownership, provided it is in operating condition and used in the farm business.																			
a. Tractors (of all kinds) other than garden tractors and motor tillers <input type="checkbox"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10px;">None</th> <th style="width: 10px;">Number</th> </tr> <tr> <td></td> <td>280</td> </tr> <tr> <td></td> <td>281</td> </tr> <tr> <td></td> <td>282</td> </tr> </table>	None	Number		280		281		282										
None	Number																		
	280																		
	281																		
	282																		
b. Motortrucks <input type="checkbox"/>	<input type="checkbox"/>																		
c. Automobiles <input type="checkbox"/>	<input type="checkbox"/>																		
2. Do you have the following on this place?																			
a. Electricity 283 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No																			
b. Piped running water 284 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No																			
Section 8 OPERATOR CHARACTERISTICS																			
The following questions are about the FARM OPERATOR																			
1. Do you live on this place? 290 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No																			
2. In what year did you begin to operate this place? 291 _____ Year																			
3. Age of operator. (Copy from Population and Housing questionnaire.) 292 _____ Years old																			
4. What is your principal occupation? 293 1 <input type="checkbox"/> Farming 2 <input type="checkbox"/> Other than farming																			
5. OFF-FARM WORK — 294 1 <input type="checkbox"/> None 4 <input type="checkbox"/> 100–149 days																			
How many days did the operator work 4 hours or more off this place in 1979? Include work at a nonfarm job, business, or on someone else's farm. Exclude exchange farm work																			
2 <input type="checkbox"/> 1–49 days 5 <input type="checkbox"/> 150–199 days																			
3 <input type="checkbox"/> 50–99 days 6 <input type="checkbox"/> 200 days or more																			

[illegible]