

CENSUS OF POPULATION AND HOUSING, 1980--SUMMARY TAPE FILE 3A
(FOR DEFINITION OF ITEMS AND FOOTNOTES, SEE TECHNICAL DOCUMENTATION)

SUMMARY LEVEL: 04 OUTLYING AREA: AMERICAN SAMOA
COUNTY:

MCD/CCD:

PLACE:
URBAN/RURAL:

ED:

MUNICIPAL DISTRICT:

1. PERSONS BY URBAN AND RURAL
TOTAL 32297
RURAL 26637

4. HOUSING UNITS (INCLUDING VACANT
SEASONAL UNITS) BY URBAN
AND RURAL

TOTAL 4728
RURAL 3935

9. FAMILIES 4287

10. HOUSEHOLDS 4513

11. YEAR-ROUND HOUSING UNITS BY
OCCUPANCY STATUS

TOTAL 4688
OCCUPIED 4513
VACANT 175

15. PERSONS BY SEX BY AGE

TOTAL 983 FEMALE 509

1 AND 2 YEARS 1922 899

3 AND 4 YEARS 1881 892

5 YEARS 935 473

6 YEARS 816 397

7 TO 9 YEARS 2467 1192

10 TO 13 YEARS 3376 1546

14 YEARS 827 401

15 YEARS 771 396

16 YEARS 800 401

17 YEARS 825 408

18 YEARS 719 361

19 YEARS 734 405

20 YEARS 721 396

21 YEARS 672 376

22 TO 24 YEARS 1664 895

25 TO 29 YEARS 2388 1236

30 TO 34 YEARS 2066 1033

35 TO 44 YEARS 3113 1427

45 TO 54 YEARS 2261 1102

55 TO 59 YEARS 776 388

60 TO 61 YEARS 303 141

62 TO 64 YEARS 332 161

65 TO 74 YEARS 650 313

75 TO 84 YEARS 245 131

85 YEARS AND OVER 50 34

23. SUBFAMILIES BY SUBFAMILY TYPE AND
PRESENCE OF OWN CHILDREN

MARRIED-COUPLE SUBFAMILIES:

WITH OWN CHILDREN 850

WITHOUT OWN CHILDREN 267

FATHER-CHILD SUBFAMILY 75

MOTHER-CHILD SUBFAMILY 413

18. HOUSEHOLDS BY PERSONS IN HOUSEHOLD

1 PERSON 179

2 PERSONS 282

3 PERSONS 347

4 PERSONS 432

5 PERSONS 490

6 PERSONS 491

7 PERSONS 575

8 PERSONS 345

9 PERSONS 349

10 PERSONS 265

11 PERSONS 174

12 PERSONS 148

13 PERSONS 133

14 PERSONS 78

15 OR MORE PERSONS 225

19. PERSONS BY HOUSEHOLD
RELATIONSHIP

IN FAMILY HOUSEHOLD:

HOUSEHOLDER 4287

SPOUSE 3475

OTHER RELATIVES 23328

NONRELATIVES 554

IN NONFAMILY HOUSEHOLD:

MALE HOUSEHOLDER 168

FEMALE HOUSEHOLDER 58

NONRELATIVES 93

IN GROUP QUARTERS:

INMATE OF INSTITUTION 24

OTHER 310

20. HOUSEHOLDS BY RACE OF HOUSEHOLDER
BY HOUSEHOLD TYPE AND PRESENCE
OF OWN CHILDREN

TOTAL

MARRIED-COUPLE FAMILY:

WITH OWN CHILDREN 2911

WITHOUT OWN CHILDREN 564

FAMILY WITH MALE HOUSEHOLDER

NO WIFE PRESENT:

WITH OWN CHILDREN 105

WITHOUT OWN CHILDREN 161

FAMILY WITH FEMALE HOUSEHOLDER

NO HUSBAND PRESENT:

WITH OWN CHILDREN 295

WITHOUT OWN CHILDREN 251

NONFAMILY HOUSEHOLD 226

22. OWN CHILDREN BY FAMILY

IN MARRIED-COUPLE FAMILY 9549

IN FAMILY WITH MALE HOUSEHOLDER 258

NO WIFE PRESENT

IN FAMILY WITH FEMALE HOUSEHOLDER 718

NO HUSBAND PRESENT

24. AGGREGATE NUMBER OF OWN CHILDREN IN
MARRIED-COUPLE SUBFAMILIES 2145

25. PERSONS IN SUBFAMILIES 5830

26. PERSONS 15 YEARS AND OVER BY SEX
BY MARITAL STATUS

MALE 3990 FEMALE 3416

SINGLE NOW MARRIED EXCEPT CONSENSUALLY 5127 5159

MARRIED AND SEPARATED CONSENSUALLY MARRIED 56 71

SEPARATED 69 89

WIDOWED 132 676

DIVORCED 112 193

27. PERSONS 5 YEARS AND OVER BY AGE

5-17 18 +

TOTAL 10817 16494

28. PERSONS BY SELECTIVE ETHNIC GROUPS

SINGLE ETHNIC GROUP:

CAROLINIAN 4

CHAMORRO 3

FILIPINO 50

KOSRAEAN 0

MARSHALLESE 2

NUKUOROAN/KAPINGAMARANGAN 3

PALAUAN 1

PINGELAPESE/NOKILESE 1

FONAPEAN OR NGATIKESE 0

SAHOAN AND PART SAHOAN 29437

TONGAN 892

TRUKESE 2

ULITHIAN, MOLEAIAN, LAMOTREKESE 0

YAPESE 0

OTHER MICRONESIAN 28

OTHER POLYNESIAN 223

MELANESIAN 45

OTHER ASIAN 323

EUROPEAN 105

OTHER 600

MULTIPLE ETHNIC GROUP 1

ETHNICITY NOT SPECIFIED:

OTHER 312

NOT REPORTED 105

30. FEMALES 15-44 YRS BY MARITAL STATUS

15-24 YRS 25-34 YRS 35-44 YRS

SINGLE 2828 426 84

EVER MARRIED 610 1843 1343

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PLACE: URBAN/RURAL:	MCD/CCD:	MUNICIPAL DISTRICT:
29. PERSONS IN SELECTED MULTIPLE ETHNIC GROUPS BY ETHNICITY	47. PERSONS 16-19 YEARS OLD BY SCHOOL ENROLLMENT, YRS. OF SCHOOL COMPLETED AND LABOR FORCE STATUS	
CAROLINIAN AND OTHER GROUPS	UNITED STATES ARMED FORCES	1
CHAMORRO AND OTHER GROUPS	CIVILIAN:	
FILIPINO AND OTHER GROUPS	ENROLLED IN SCHOOL	2087
PALAUAN AND OTHER GROUPS	NOT ENROLLED IN SCHOOL:	
PONAPEAN AND OTHER GROUPS	HIGH SCHOOL GRADUATE:	
TRUKESE AND OTHER GROUPS	EMPLOYED	138
MORE THAN ONE ASIAN GROUP OR	UNEMPLOYED	7
ASIAN AND OTHER GROUPS	NOT IN LABOR FORCE	269
MORE THAN ONE EUROPEAN OR	NOT HIGH SCHOOL GRADUATE:	
EUROPEAN AND OTHER GROUPS	EMPLOYED	103
	UNEMPLOYED	10
31. FEMALES 15-49 YRS. BY AGGREGATE NUMBER OF CHILDREN EVER BORN	NOT IN LABOR FORCE	463
CHILDREN LIVING, AND CHILDREN BORN IN YEAR PRECEDING CENSUS		
BY AGE		
0	48. PERSONS 25 YEARS OLD AND OVER BY YEARS OF SCHOOL COMPLETED	
1	ELEMENTARY (0-8 YRS)	4360
0	HIGH SCHOOL: 1-3 YRS	2697
	HIGH SCHOOL, 4 YRS	3108
	COLLEGE:	
	1-3 YRS	1096
	4 YRS OR MORE	923
AGGREGATE NUMBER OF CHILDREN:		
BORN IN YEAR PRECEDING CENSUS	50. PERSONS 16 YEARS OLD + BY YEARS OF SCHOOL COMPLETED	
EVER BORN	ELEMENTARY (0-8 YRS) THROUGH HIGH SCHOOL	9154
LIVING	1-3 YRS	4915
	HIGH SCHOOL, 4 YRS	1615
	COLLEGE	566
	1-3 YRS	444
	4 YRS OR MORE	
	5 OR MORE YRS	
32. PERSONS IN GROUP QUARTERS BY TYPE OF GROUP QUARTERS	51. CIVILIAN PERSONS 16 YRS. AND OVER BY SEX	
INMATE OF MENTAL HOSPITAL	MALE	9091
INMATE OF HOME FOR THE AGED	FEMALE	9207
INMATE OF OTHER INSTITUTION		
IN COLLEGE DORMITORY	53. NONINSTITUTIONALIZED PERSONS 16-64 YEARS IN LABOR FORCE	8161
OTHER IN GROUP QUARTERS	NOT IN LABOR FORCE	9189
33. PERSONS BY NATIVITY AND PLACE OF BIRTH	55. PERSONS 16 YRS + BY SEX BY LABOR FORCE STATUS	
BORN IN THE AREA OF RESIDENCE	LABOR FORCE:	
BORN IN OTHER PACIFIC ISLAND UNDER UNITED STATES JURISDICTION	U. S. ARMED FORCES	20
BORN IN UNITED STATES	CIVILIAN LABOR FORCE:	1
BORN IN OTHER AREA UNDER UNITED STATES JURISDICTION	EMPLOYED	4923
BORN ELSEWHERE	UNEMPLOYED	120
PLACE OF BIRTH NOT REPORTED	NOT IN LABOR FORCE	4048
	MALE FEMALE	5942
44. PERSONS 3 YEARS OLD AND OVER ENROLLED IN PRIVATE SCHOOL ENROLLMENT		
PRE-KINDERGARTEN		
KINDERGARTEN AND ELEMENTARY (1-8 YRS)		
HIGH SCHOOL (1-4 YRS)		
COLLEGE		
45. PERSONS 3 YEARS OLD AND OVER ENROLLED IN SCHOOL BY SCHOOL ENROLLMENT		
TOTAL:		
PRE-KINDERGARTEN		533
KINDERGARTEN AND ELEMENTARY (1-8 YRS)		8162
HIGH SCHOOL (1-4 YRS)		3224
COLLEGE		923



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54. NONINSTITUTIONAL PERSONS 16 AND OVER BY AGE	64. PERSONS 16 YEARS + WITH UNEMPLOYMENT IN 1979 BY SEX	65. EMPLOYED PERSONS 16 YRS. + BY INDUSTRY	66. EMPLOYED 16 YEARS AND OVER BY OCCUPATION
16-64 YEARS +	17350 MALE	8821	MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS:
65 YEARS +	945 FEMALE	6014	EXECUTIVE, ADMINISTRATIVE, AND MAN-AGERIAL OCC.
57. FEMALES 16 YEARS + WITH ONE OR MORE OWN CHILDREN BY PRESENCE AND AGE OF OWN CHILDREN BY LABOR FORCE WITH OWN CHILDREN UNDER 6 YEARS:	1344 CONSTRUCTION	101	TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS:
NOT IN LABOR FORCE	2078 MANUFACTURING:	619	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS
WITH OWN CHILDREN 6-17 YEARS ONLY:	801 DURABLE GOODS	1776	SALES OCCUPATIONS
IN LABOR FORCE	1056 TRANSPORTATION	129	ADMINISTRATIVE SUPPORT OCCUPATIONS
NOT IN LABOR FORCE	COMMUNICATIONS AND OTHER PUBLIC UTILITIES	414	INCL. CLERICAL
58. PERSONS 16 YEARS AND OVER BY SEX BY LABOR FORCE STATUS IN 1979	WHOLESALE TRADE	290	SERVICE OCCUPATIONS:
MALE	RETAIL TRADE	153	PRIVATE HOUSEHOLD OCCUPATIONS
FEMALE	FINANCE, INSURANCE AND REAL ESTATE	778	PROTECTIVE SERVICE OCCUPATIONS
IN LABOR FORCE IN 1979:	BUSINESS AND REPAIR SERVICES	106	SERVICE EXCEPT PROTECTION AND HOUSEHOLD OCCUPATIONS
WORKED IN 1979:	PERSONAL, ENTERTAINMENT, AND RECREATION SERVICES	106	FARMING, FORESTRY, AND FISHING OCCUPATIONS
WITH UNEMPLOYMENT IN 1979	PROFESSIONAL AND RELATED SERVICES:	268	PRECISION PRODUCTION CRAFT AND REPAIR OCCUPATIONS
NO UNEMPLOYMENT IN 1979	EDUCATIONAL SERVICES	442	OPERATORS, FABRICATORS, AND LABORS: MACHINE OPERATOR, ASSEMBLERS, AND INSPECTORS
DID NOT WORK IN 1979, WITH UNEMPLOYMENT IN 1979	OTHER PROFESSIONAL AND RELATED SERVICES	1141	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS
NOT IN LABOR FORCE	PUBLIC ADMINISTRATION	169	HANDLERS EQUIPMENT CLEANERS, HELPERS, AND LABORERS
59. PERSONS 16 YEARS AND OVER WHO WORKED IN 1979 BY SEX BY USUAL HOURS WORKED PER WEEK IN 1979 BY WEEKS IN 1979	SUBSISTENCE ACTIVITY	1602	SUBSISTENCE ACTIVITY
MALE	3970	3728	70. AGGREGATE HOUSEHOLD INCOME IN 1979
FEMALE	2303	223	72. HOUSEHOLDS WITH INCOME BY AGGREGATE HOUSEHOLD INCOME IN 1979 BY HOUSEHOLD INCOME TYPE IN 1979
USUALLY WORKED 35+ HRS/WEEK	399	3934	EARNINGS:
50-52 WEEKS	179	195	WAGE OR SALARY INCOME
40-49 WEEKS	278	12	NONFARM SELF-EMPLOYED INCOME
27-39 WEEKS	155	9718	FARM SELF-EMPLOYMENT INCOME
1-26 WEEKS	62	14	INTEREST, DIVIDEND, OR NET RENTAL INCOME
USUALLY WORKED 1-34 HRS/WEEK	34	4140	SOCIAL SECURITY INCOME
50-52 WEEKS	112	4115	PUBLIC ASSISTANCE INCOME
40-49 WEEKS	246986	167	ALL OTHER INCOME
27-39 WEEKS	156614	127	74. FAMILIES BY MEDIAN FAMILY INCOME IN 1979
1-26 WEEKS		221	TOTAL
60. AGGREGATE WEEKS WORKED BY SEX FOR PERSONS 16 YEARS AND OVER WHO WORKED IN 1979	MALE	601	77. FAMILIES BY AGGREGATE FAMILY INCOME IN 1979 OF HOUSEHOLDER
MALE	3970	58	TOTAL
FEMALE	2303	616	TOTAL
61. PERSONS 16 YRS+ WITH UNEMPLOYMENT IN 1979 BY WEEKS UNEMPLOYED IN 1979	UNEMPLOYED 1-4 WEEKS	169	9615
UNEMPLOYED 5-14 WEEKS	UNEMPLOYED 15 OR MORE WEEKS	224	
UNEMPLOYED 15 OR MORE WEEKS		290	
62. TOTAL PERSONS 16+ W/UNEMPLOYMENT IN 1979 BY SEX	MALE	359	55014565
FEMALE	FEMALE	324	1844065
			4054480
			287400
			555640
			111230
			2647085

89. NONFAMILY HOUSEHOLDER BY POVERTY STATUS IN 1979 BY AGE OF HOUSEHOLDER
 HOUSEHOLDER 15 TO 64 YEARS 64
 HOUSEHOLDER 65 YEARS AND OVER 13
 INCOME IN 1979 BETWEEN 100 AND 124 PCT. OF POVERTY LEVEL:
 HOUSEHOLDER 15 TO 64 YEARS 10
 HOUSEHOLDER 65 YEARS AND OVER 0
 INCOME IN 1979 125 PERCENT OF POVERTY LEVEL AND ABOVE:
 HOUSEHOLDER 15 TO 64 YEARS 132
 HOUSEHOLDER 65 YEARS AND OVER 7

93. PERSONS FOR WHOM POVERTY STATUS IS DETERMINED BY POVERTY STATUS IN 1979 BY AGE
 INCOME IN 1979 ABOVE POVERTY LEVEL:
 UNDER 55 YEARS 11839
 55 TO 59 YEARS 324
 60 TO 64 YEARS 279
 65 YEARS AND OVER 369
 INCOME IN 1979 BELOW POVERTY LEVEL:
 UNDER 55 YEARS 17903
 55 TO 59 YEARS 451
 60 TO 64 YEARS 356
 65 YEARS AND OVER 576

94. PERSONS IN FAMILIES, EXCLUDING HOUSEHOLDERS BY POVERTY STATUS IN 1979 BY HOUSEHOLD RELATIONSHIP AND AGE
 INCOME IN 1979 ABOVE POVERTY LEVEL:
 RELATED CHILD UNDER 5 YEARS 1753
 RELATED CHILD 5 YEARS 313
 RELATED CHILD 6 TO 17 YEARS 3521
 OTHER FAMILY MEMBER 5154
 INCOME IN 1979 BELOW POVERTY LEVEL:
 RELATED CHILD UNDER 5 YEARS 2972
 RELATED CHILD 5 YEARS 609
 RELATED CHILD 6 TO 17 YEARS 6232
 OTHER FAMILY MEMBER 6249

95. PERSONS FOR WHOM POVERTY STATUS IS DETERMINED BY POVERTY STATUS IN 1979
 INCOME IN 1979 BELOW 75 PERCENT OF POVERTY LEVEL 14588
 INCOME IN 1979 BETWEEN 75 AND 124 PERCENT OF POVERTY LEVEL 7927
 INCOME IN 1979 BETWEEN 125 AND 149 PERCENT OF POVERTY LEVEL 2338
 INCOME IN 1979 BETWEEN 150 AND 199 PERCENT OF POVERTY LEVEL 3146
 INCOME IN 1979 200 PERCENT OF POVERTY LEVEL AND ABOVE 4098

96. VACANT HOUSING UNITS BY VACANCY STATUS FOR SALE ONLY 15
 HELD FOR OCCASIONAL USE 25
 OTHER VACANTS 81
 97. OCCUPIED HOUSING UNITS BY TENURE TOTAL 4513
 RENTER OCCUPIED 1176
 100. PERSONS IN OCCUPIED HOUSING UNITS BY TENURE TOTAL 31963
 RENTER OCCUPIED 6137

101. YEAR-ROUND HOUSING UNITS BY AGGREGATE ROOMS 17086
 102. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY UNITS IN STRUCTURE
 TOTAL:
 1, DETACHED 4100
 1, ATTACHED 285
 2 AND 4 139
 5 OR MORE 105
 MOBILE HOME, TRAILER, TENT, VAN 51
 BOAT 3
 5

104. PERSONS IN OCCUPIED HOUSING UNITS BY TENURE BY UNITS IN STRUCTURE
 TOTAL:
 1, DETACHED 27996
 1, ATTACHED 2428
 2 AND 4 851
 5 OR MORE 526
 MOBILE HOME, OR TRAILER, TENT, VAN 137
 BOAT 14
 11

107. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUP. STAT. BY SOURCE OF WATER
 TOTAL:
 PUBLIC SYSTEM 3937
 INDIVIDUAL WELL 277
 CATCHMENT, TANKS, OR DRUMS 139
 PUBLIC STANDPIPE OR STREET HYDRANT 102
 SOME OTHER SOURCE 50
 TOTAL OCCUPIED:
 PUBLIC SYSTEM 403
 INDIVIDUAL WELL 20
 CATCHMENT, TANKS, OR DRUMS 61
 PUBLIC STANDPIPE OR STREET HYDRANT 62
 SOME OTHER SOURCE 43
 RENTER OCCUPIED:
 WITH CASH RENT: 0
 PUBLIC SYSTEM 0
 INDIVIDUAL WELL 528
 CATCHMENT, TANKS, OR DRUMS 30
 PUBLIC STANDPIPE, STREET HYDRANT 17
 SOME OTHER SOURCE 8
 PUBLIC SYSTEM 1
 CATCHMENT, TANKS, OR DRUMS 1
 PUBLIC STANDPIPE, STREET HYDRANT 0
 SOME OTHER SOURCE 0

107. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUP. STAT. BY SOURCE OF WATER
 TOTAL:
 PUBLIC SYSTEM 3630
 INDIVIDUAL WELL 211
 CATCHMENT, TANKS, OR DRUMS 283
 PUBLIC STANDPIPE OR STREET HYDRANT 126
 SOME OTHER SOURCE 436
 TOTAL OCCUPIED:
 PUBLIC SYSTEM 3506
 INDIVIDUAL WELL 205
 CATCHMENT, TANKS, OR DRUMS 266
 PUBLIC STANDPIPE OR STREET HYDRANT 120
 SOME OTHER SOURCE 416
 RENTER OCCUPIED:
 WITH CASH RENT: 0
 PUBLIC SYSTEM 518
 INDIVIDUAL WELL 18
 CATCHMENT, TANKS, OR DRUMS 21
 PUBLIC STANDPIPE, STREET HYDRANT 4
 SOME OTHER SOURCE 28
 PUBLIC SYSTEM 451
 CATCHMENT, TANKS, OR DRUMS 24
 PUBLIC STANDPIPE, STREET HYDRANT 39
 SOME OTHER SOURCE 53



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108. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY SEWAGE DISPOSAL	110. OCCUPIED HOUSING UNITS BY TENURE BY YEAR HOUSEHOLDER MOVED INTO UNITS	114. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY ENERGY USED BY TANK-TYPE WATER HEATERS
TOTAL:	TOTAL:	TOTAL:
PUBLIC SEWER 566	1979 AND 1980 1020	ELECTRICITY 760
SEPTIC TANK OR CESSPOOL 3349	1975 TO 1978 1179	GAS 6
OTHER MEANS 773	1970 TO 1974 902	SOLAR ENERGY 5
TOTAL OCCUPIED: 4888	1960 TO 1969 1056	OTHER FUELS 7
PUBLIC SEWER 3244	1950 TO 1959 176	NO TANK-TYPE WATER HEATER 3910
SEPTIC TANK OR CESSPOOL 347	1949 OR EARLIER 180	TOTAL OCCUPIED:
OTHER MEANS 722	WITH CASH RENT:	ELECTRICITY 721
WITH CASH RENT:	1979 AND 1980 346	GAS 5
PUBLIC SEWER 268	1975 TO 1978 184	SOLAR ENERGY 5
SEPTIC TANK OR CESSPOOL 294	1970 TO 1974 35	OTHER FUELS 7
OTHER MEANS 27	1960 TO 1969 21	NO TANK-TYPE WATER HEATER 3775
NO CASH RENT: 53	1950 TO 1959 3	RENTER OCCUPIED:
PUBLIC SEWER 388	1949 OR EARLIER 0	WITH CASH RENT:
SEPTIC TANK OR CESSPOOL 146	NO CASH RENT:	ELECTRICITY 353
	1979 AND 1980 178	GAS 2
	1975 TO 1978 183	SOLAR ENERGY 2
	1970 TO 1974 112	OTHER FUELS 5
	1960 TO 1969 86	NO TANK-TYPE WATER HEATER 227
	1950 TO 1959 18	NO CASH RENT:
	1949 OR EARLIER 10	ELECTRICITY 56
		GAS 1
		SOLAR ENERGY 1
		OTHER FUELS 2
		NO TANK-TYPE WATER HEATER 527

109. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY YEAR STRUCTURE BUILT	119. OCCUPIED HOUSING UNITS WITH HOUSEHOLDERS OF SELECTED AGE GROUPS BY AGE OF HOUSEHOLDER BY TELEPHONE IN UNIT	118. OCCUPIED HOUSING UNITS BY TENURE BY TELEPHONE IN HOUSING UNIT
TOTAL:	TOTAL:	TOTAL:
1979 AND 1980 348	60-64 YRS WITH TELEPHONE 216	WITH TELEPHONE 2423
1975 TO 1978 773	NO TELEPHONE 136	NO TELEPHONE 2090
1970 TO 1974 983	65 YRS + WITH TELEPHONE 294	RENTER OCCUPIED:
1960 TO 1969 1801	NO TELEPHONE 198	WITH CASH RENT:
1950 TO 1959 359		WITH TELEPHONE 371
1940 TO 1949 225		NO TELEPHONE 218
1939 OR EARLIER 199		NO CASH RENT:
TOTAL OCCUPIED: 10000		WITH TELEPHONE 248
1979 AND 1980 331		NO TELEPHONE 339
1975 TO 1978 742		
1970 TO 1974 945		
1960 TO 1969 1736		
1950 TO 1959 349		
1940 TO 1949 216		
1939 OR EARLIER 194		
WITH CASH RENT:		
1979 AND 1980 19		
1975 TO 1978 91		
1970 TO 1974 98		
1960 TO 1969 262		
1950 TO 1959 35		
1940 TO 1949 42		
1939 OR EARLIER 42		
NO CASH RENT:		
1979 AND 1980 34		
1975 TO 1978 102		
1970 TO 1974 123		
1960 TO 1969 214		
1950 TO 1959 56		
1940 TO 1949 31		
1939 OR EARLIER 27		

120. YEAR-ROUND HOUSING UNITS BY AIR-CONDITIONER	121. OCCUPIED HOUSING UNITS WITH NO VEHICLE AVAILABLE BY HOUSEHOLDER	123. OCCUPIED HOUSING UNITS WITH VEHICLE BY VEHICLES AVAILABLE
NONE 4317	AVAILABLE BY HOUSEHOLDER 2491	1 1615
CENTRAL SYSTEM 44		2 324
1 INDIVIDUAL ROOM UNIT 207		3 OR MORE 83
2+ INDIVIDUAL ROOM UNITS 120		



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116. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY BEDROOMS

TOTAL:	1103
NONE	693
1	1213
2	963
3	395
4	321
5 OR MORE	1052
TOTAL OCCUPIED:	666
NONE	1161
1	937
2	384
3	313
4	
5 OR MORE	

RENTER OCCUPIED: WITH CASH RENT:

NONE	49
1	103
2	213
3	177
4	34
5 OR MORE	13
NO CASH RENT:	196
NONE	115
1	135
2	71
3	33
4	37
5 OR MORE	

124. (SPECIFIED) RENTER-OCCUPIED HOUSING UNITS BY GROSS RENT

LESS THAN \$50	14
\$50 TO \$59	10
\$60 TO \$69	13
\$70 TO \$79	36
\$80 TO \$99	54
\$100 TO \$124	73
\$125 TO \$149	75
\$150 TO \$174	62
\$175 TO \$199	43
\$200 TO \$249	54
\$250 TO \$299	49
\$300 TO \$399	53
\$400 OR MORE	53
NO CASH RENT	587

125. (SPECIFIED) RENTER-OCCUPIED HOUSING BY HOUSEHOLDER BY GROSS RENT

TOTAL:	14
LESS THAN \$50	113
\$50 TO \$99	253
\$100 TO \$199	209
\$200 OR MORE	587
NO CASH RENT	

127. (SPECIFIED) RENTER-OCCUPIED HOUSING UNITS PAYING CASH RENT BY MEDIAN GROSS RENT

(SPECIFIED) RENTER-OCCUPIED HOUSING UNITS PAYING CASH RENT BY MEDIAN GROSS RENT	158
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128. (SPECIFIED) RENTER-OCCUPIED HOUSING UNITS PAYING CASH RENT BY AGGREGATE GROSS RENT

RENTER OCCUPIED VACANT FOR RENT	63542
	3113

129. (SPECIFIED) RENTER-OCCUPIED PAYING CASH RENT AND VACANT-FOR-RENT HOUSING UNITS BY AGGREGATE CONTRACT RENT AND RENT ASKED BY OCCUPANCY STATUS

(SPECIFIED) RENTER-OCCUPIED PAYING CASH RENT AND VACANT-FOR-RENT VACANT FOR RENT	589
	25

130. (SPECIFIED) RENTER-OCCUPIED HOUSING UNITS BY INCLUSION OF UTILITIES IN RENT

EXTRA FOR 1 OR MORE UTIL NO EXTRA FOR ANY UTIL	1069
	107

132. (SPECIFIED) RENTER-OCCUPIED HOUSING UNITS BY HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME

LESS THAN \$1,000:	0
LESS THAN 20 PERCENT	0
20 TO 24 PERCENT	0
25 TO 29 PERCENT	0
30 TO 34 PERCENT	9
35 PERCENT OR MORE	94
NOT COMPUTED	0
\$1,000 TO \$1,999:	0
LESS THAN 20 PERCENT	0
20 TO 24 PERCENT	0
25 TO 29 PERCENT	0
30 TO 34 PERCENT	0
35 PERCENT OR MORE	7
NOT COMPUTED	14
\$2,000 TO \$4,999:	8
LESS THAN 20 PERCENT	5
20 TO 24 PERCENT	6
25 TO 29 PERCENT	7
30 TO 34 PERCENT	39
35 PERCENT OR MORE	127
NOT COMPUTED	48
\$5,000 TO \$9,999:	7
LESS THAN 20 PERCENT	11
20 TO 24 PERCENT	10
25 TO 29 PERCENT	31
30 TO 34 PERCENT	196
35 PERCENT OR MORE	320
NOT COMPUTED	22
\$10,000 OR MORE:	15
LESS THAN 20 PERCENT	6
20 TO 24 PERCENT	18
25 TO 29 PERCENT	176
30 TO 34 PERCENT	
35 PERCENT OR MORE	
NOT COMPUTED	

135. SPECIFIED OWNER-OCC. (NONCONDOMINIUM) HOUSING UNITS

TOTAL	3122
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138. SPEC. OWNER-OCC. (NONCONDO) HOUSING UNITS BY MORTGAGE STATUS AND YEAR HOUSEHOLDER MOVED INTO UNIT

1975 TO MARCH 1980	1242
1970 TO 1974	706
1959 TO 1969	884
1959 OR EARLIER	290

134. SPEC. OWNER-OCC. NON-CONDO HOUSING UNITS BY MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS

WITH A MORTGAGE	0
NOT MORTGAGED	0



CENSUS OF POPULATION AND HOUSING, 1980--SUMMARY TAPE FILE 3A
 (FOR DEFINITION OF ITEMS AND FOOTNOTES, SEE TECHNICAL DOCUMENTATION)
 SUMMARY LEVEL: 04 OUTLYING AREA: AMERICAN SAMOA
 COUNTY: MCD/CCD:

PLACE: URBAN/RURAL:
 ED: MUNICIPAL DISTRICT:

137. SPECIFIC OWNER-OCCUPIED (NONCONDO) HOUSING UNITS BY AGGREGATE SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND YEAR HOUSEHOLDER MOVED INTO UNIT

WITH A MORTGAGE:	0
1975 TO MARCH 1980	0
1970 TO 1974	0
1960 TO 1969	0
1959 OR EARLIER	0
NOT MORTGAGED	0

139. SPECIFIC OWNER-OCCUPIED (NONCONDO-MINIMUM) HOUSING UNITS BY HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME

LESS THAN \$1,000	164
\$1,000 TO \$1,999	61
\$2,000 TO \$4,999	528
\$5,000 TO \$9,999	969
\$10,000 OR MORE	1400

140. SPECIFIED OWNER-OCCUPIED (NONCONDO-MINIMUM) HOUSING UNITS BY AGGREGATE VALUE

142. OCCUPIED HOUSING UNITS WITH COMPLETE PLUMBING FACILITIES (FOR EXCLUSIVE USE) BY YEAR STRUCTURE BUILT BY PERSONS PER ROOM

1939 OR EARLIER:	63
LESS THAN 1.01 PERSONS	41
1.01 OR MORE PERSONS	826
1940 TO MARCH 1980:	1037
LESS THAN 1.01 PERSONS	
1.01 OR MORE PERSONS	

143. OCCUPIED HOUSING UNITS WITH COMPLETE PLUMBING FACILITIES (FOR EXCLUSIVE USE) BY HOUSEHOLDER

TOTAL 1967

145. OCCUPIED HOUSING UNITS WITH COMPLETE PLUMBING FACILITIES (FOR EXCLUSIVE USE) AND YEAR STRUCTURE BUILT 1939 OR EARLIER BY HOUSEHOLDER

TOTAL 104

147. OCCUPIED HOUSING UNITS WITH COMPLETE PLUMBING FACILITIES (FOR EXCLUSIVE USE) AND WITH 1.01 PERSONS PER ROOM OR MORE BY HOUSEHOLDER

TOTAL 1078

141. AGGREGATE HOUSEHOLD INCOME BY TENURE

TOTAL RENTER OCCUPIED	59586370
	16259675

151. PERSONS BY PLACE OF BIRTH AND PARENTS PLACE OF BIRTH

PERSONS BORN IN AMERICAN SAMOA:
 BOTH PARENTS BORN IN AMER. SAMOA 10203
 ONLY ONE PARENT BORN IN AMERICAN SAMOA,
 OTHER PARENT BORN IN:
 GUAM 1
 KOSRAE 0
 MARSHALL ISLANDS 1
 NORTHERN MARIANAS 1
 PALAU 0
 PONAPE 5
 TRUK 0
 YAP 0
 OTHER PACIFIC ISLANDS, EXCEPT
 TONGA AND WESTERN SAMOA 161
 TONGA 110
 WESTERN SAMOA 5383
 UNITED STATES 254
 ELSEWHERE 132

BOTH PARENTS BORN OUTSIDE AMER. SAMOA:
 BOTH PARENTS BORN IN SAME AREA OR
 COUNTRY:

GUAM	0
KOSRAE	0
MARSHALL ISLANDS	0
NORTHERN MARIANAS	0
PALAU	1
PONAPE	0
TRUK	0
YAP	0
OTHER PACIFIC ISLANDS, EXCEPT TONGA AND WESTERN SAMOA	43
TONGA	131
WESTERN SAMOA	1841
UNITED STATES	26
ELSEWHERE	19
PARENTS BORN IN DIFFERENT AREAS OR COUNTRIES	274
PLACE OF BIRTH OF ONE OR MORE PARENTS NOT REPORTED	0
PERSONS BORN OUTSIDE AMERICAN SAMOA: BOTH PARENTS IN SAME AREA/CNTRY	10900
PARENTS BORN IN DIFFERENT AREAS OR COUNTRIES	2526
PLACE OF BIRTH OF ONE OR BOTH PARENTS NOT REPORTED	16
PERSONS PLACE OF BIRTH NOT RPT	269







CENSUS OF POPULATION AND HOUSING, 1980--SUMMARY TAPE FILE 3A
(FOR DEFINITION OF ITEMS AND FOOTNOTES, SEE TECHNICAL DOCUMENTATION)

SUMMARY LEVEL: 04 OUTLYING AREA: AMERICAN SAMOA

MCD/CCD:

PLACE: URBAN/RURAL: ED: MUNICIPAL DISTRICT:

165. PERSONS 5 YEARS AND OVER BY AGE BY LANGUAGE SPOKEN AT HOME (CONTINUED)	166. PERSONS 16 YEARS AND OVER BY SEX BY LABOR FORCE STATUS, WORK STATUS, ACTIVITY STATUS, AND HOURS WORKED LAST WEEK	167. PERSONS 16 YEARS AND OVER BY SEX BY WEEKS WORKED IN 1979 AND USUAL HOURS WORKED PER WEEK BY INCOME IN 1979	168. PERSONS 16 YEARS AND OVER BY SEX BY MORE HOURS PER WEEK:	169. PERSONS 16 YEARS AND OVER BY SEX BY MORE HOURS PER WEEK:
ASIAN OR PACIFIC ISLAND LANGUAGES OR EUROPEAN LANGUAGES:				
CAROLINIAN	1			
CHAMORRO	2			
CHINESE	30			
FILIPINO	24			
JAPANESE	16			
KOREAN	100			
KUSAIEAN	0			
MARSHALLESE	0			
MORTLOCKESE	0			
NUKUOROAN	0			
PALAUAN	1			
MOKILESE	0			
POHAPEAN	3			
SAHOAN	14599			
SPANISH	22			
THAI	2			
TONGAN	493			
TRUKESE	8			
ULITHIAN AND MOLEAI-ULITHI	1			
VIETNAMESE	2			
YAPESE	0			
MICRONESIAN, GILBERTESE OR NAURUAN	2			
POLYNESIAN, NIUEAN, TOKELAUAN, FIJIAN, MARQUESAN, KARATONGAN, HAWAIIAN OR MAORI	73			
MELANESIAN	0			
OTHER SPECIFIED ASIAN OR PACIFIC ISLAND LANGUAGES	5			
OTHER SPECIFIED EUROPEAN LANGUAGES	35			
OTHER	556			
174. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY WATER SUPPLY				
TOTAL:				
HOT AND COLD PIPED WATER	778			
ONLY COLD PIPED WATER	3170			
NO PIPED WATER	740			
TOTAL OCCUPIED:				
HOT AND COLD PIPED WATER	703			
ONLY COLD PIPED WATER	3073			
NO PIPED WATER	702			
RENTER OCCUPIED:				
WITH CASH RENT:				
HOT AND COLD PIPED WATER	362			
ONLY COLD PIPED WATER	214			
NO PIPED WATER	13			
RENTER OCCUPIED-NO CASH RENT:				
MECHANICAL	335			
ICE	39			
NO REFRIGERATOR	213			
181. OCCUPIED HOUSING UNITS BY TENURE BY REFRIGERATOR				
TOTAL:				
WITH REFRIGERATOR:				
MECHANICAL	3045			
ICE	389			
NO REFRIGERATOR	1079			
RENTER OCCUPIED-WITH CASH RENT:				
WITH REFRIGERATOR:				
MECHANICAL	478			
ICE	28			
NO REFRIGERATOR	83			
RENTER OCCUPIED-NO CASH RENT:				
WITH REFRIGERATOR:				
MECHANICAL	335			
ICE	39			
NO REFRIGERATOR	213			
182. OCCUPIED HOUSING UNITS BY TENURE BY RADIO				
TOTAL:				
WITH RADIO	362			
NO RADIO	214			
RENTER OCCUPIED-WITH CASH RENT:				
WITH RADIO	60			
NO RADIO	431			
RENTER OCCUPIED-NO CASH RENT:				
WITH RADIO	96			
NO RADIO	3989			
RENTER OCCUPIED-NO CASH RENT:				
WITH RADIO	524			
NO RADIO	526			
RENTER OCCUPIED-NO CASH RENT:				
WITH RADIO	63			
NO RADIO	468			



CENSUS OF POPULATION AND HOUSING, 1980--SUMMARY TAPE FILE 3A
(FOR DEFINITION OF ITEMS AND FOOTNOTES, SEE TECHNICAL DOCUMENTATION)

SUMMARY LEVEL: 04 OUTLYING AREA: AMERICAN SAMOA
COUNTY:

MCD/CCD:

ED: MUNICIPAL DISTRICT:

171. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY TYPE OF MATERIAL USED FOR OUTSIDE WALLS

TOTAL:	494
POURED CONCRETE	1143
CONCRETE BLOCKS	183
METAL	2640
WOOD	8
THATCH	13
OTHER	207
NO WALLS	483
TOTAL OCCUPIED:	1101
POURED CONCRETE	181
CONCRETE BLOCKS	2531
METAL	8
WOOD	13
THATCH	196
OTHER	34
NO WALLS	239
TOTAL OCCUPIED - CASH RENT:	12
POURED CONCRETE	297
CONCRETE BLOCKS	0
METAL	2
WOOD	5
THATCH	60
OTHER	128
NO WALLS	31
TOTAL OCCUPIED - NO CASH RENT:	313
POURED CONCRETE	0
CONCRETE BLOCKS	8
METAL	47
WOOD	
THATCH	
OTHER	
NO WALLS	

172. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY TYPE OF MATERIAL USED ON THE ROOF

TOTAL:	43
POURED CONCRETE	3707
METAL	649
WOOD	192
THATCH	97
OTHER	43
TOTAL OCCUPIED:	3561
POURED CONCRETE	629
METAL	185
WOOD	95
THATCH	3
OTHER	169
NO WALLS	13
TOTAL OCCUPIED - CASH RENT:	23
POURED CONCRETE	5
CONCRETE BLOCKS	466
METAL	87
WOOD	23
THATCH	
OTHER	
NO WALLS	

173. OCCUPIED HOUSING UNITS BY TENURE BY ROOMS BY PERSONS IN UNIT

TOTAL OCCUPIED:	1	2	3	4	5	6	7
1 PERSON	38	24	44	37	18	12	6
2 PERSONS	43	33	54	62	51	18	21
3 PERSONS	81	35	47	81	56	22	25
4 PERSONS	91	56	72	77	73	33	30
5 PERSONS	90	77	90	76	39	38	39
6 PERSONS	119	62	61	102	67	36	44
7 PERSONS	143	51	98	104	79	38	62
8 PERSONS	75	47	52	104	41	31	32
9 PERSONS	74	47	65	60	53	20	30
10 + PERS	182	123	173	170	145	87	143
RENTER OCCUPIED - CASH RENT:							
1 PERSON	11	12	27	23	10	4	1
2 PERSONS	11	10	27	35	34	8	11
3 PERSONS	5	6	14	39	25	6	5
4 PERSONS	7	10	20	18	29	7	5
5 PERSONS	2	6	12	19	18	8	3
6 PERSONS	3	1	2	11	8	5	2
7 PERSONS	1	3	7	4	8	2	3
8 PERSONS	1	2	0	1	1	4	2
9 PERSONS	0	1	1	3	1	2	3
10 + PERS	1	0	2	3	7	3	0
RENTER OCCUPIED - NO CASH RENT:							
1 PERSON	5	2	4	3	3	0	2
2 PERSONS	7	4	7	2	5	1	2
3 PERSONS	19	11	6	5	4	2	5
4 PERSONS	15	13	15	8	6	2	6
5 PERSONS	24	10	15	7	6	1	5
6 PERSONS	26	13	17	16	8	1	3
7 PERSONS	28	12	15	17	7	2	4
8 PERSONS	12	9	7	16	8	4	4
9 PERSONS	11	4	8	17	4	1	6
10 + PERS	29	23	20	13	16	2	8

175. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY BATHTUB/SHOWER

TOTAL:	2403
WITH A TUB/SHOWER	2285
NO TUB/SHOWER	2306
TOTAL OCCUPIED:	2207
WITH A TUB/SHOWER	506
NO TUB/SHOWER	83
NO CASH RENT:	257
WITH A TUB/SHOWER	330
NO TUB/SHOWER	

186. SPECIFIED OWNER-OCCUPIED (NON-CONDOMINIUM) HOUSING UNITS BY MONTHLY COST OF FUELS AND UTILITIES

LESS THAN \$30	885
\$30 TO \$39	559
\$40 TO \$49	489
\$50 TO \$59	333
\$60 TO \$69	246
\$70 TO \$79	166
\$80 TO \$89	129
\$90 TO \$99	62
\$100 TO \$119	115
\$120 TO \$149	84
\$150 TO \$199	41
\$200 OR MORE	13





AMERICAN SAMOA

NUMBER OF INHABITANTS

Population of American Samoa.—American Samoa was acquired by the United States in accordance with a convention between the United States, Great Britain, and Germany, signed December 2, 1899, ratified February 16, 1900, and proclaimed by the President of the United States on the latter date. Under an Executive order of February 19, 1900, the islands were placed under the authority of the Secretary of the Navy for use as a naval station. The high chiefs of the Tutuila voluntarily ceded the islands of Tutuila and Aunuu to the United States on April 17, 1900; and the islands of the Manua group (Tau, Olosega, and Ofu) were ceded by their high chiefs on July 16, 1904. By joint resolution of Congress, approved March 4, 1925, Swains Island was annexed to American Samoa.

The population of American Samoa on April 1, 1940, according to the Sixteenth Census, was 12,908, which represents an increase of 2,853, or 28.4 percent, as compared with the population of 10,055 on April 1, 1930. The total land area of American Samoa is 76 square miles. The average number of inhabitants per square mile in 1940 was 169.8, as compared with 131.5 in 1930.

Table 1 shows the population of American Samoa from 1900, the year in which the first census was taken, to 1940, together with the increase during each intercensal period. Local censuses of population were taken by the naval governors in 1900 and 1912. In 1920, 1930, and 1940 the population of the islands was enumerated in conjunction with the regular decennial censuses of the United States, the field work being done under the supervision of the naval governor in accordance with plans prescribed by the Director of the Census. Capt. Edward W. Hansen, United States Navy, who was governor in April 1940, was in charge of the Sixteenth Census canvass of American Samoa.

TABLE 1.—POPULATION OF AMERICAN SAMOA: 1900 TO 1940
[Censuses of 1900 and 1912 taken by the naval governor]

CENSUS YEAR	Population	INCREASE OVER PRECEDING CENSUS	
		Number	Percent
1940 (Apr. 1).....	12,908	2,853	28.4
1930 (Apr. 1).....	10,055	1,999	24.8
1920 (Jan. 1).....	8,056	805	11.1
1912.....	7,251	1,572	27.7
1900.....	5,679		

¹ Rate of increase, exclusive of population (99 in 1930) of Swains Island, annexed in 1925, 23.6 percent.

Districts and islands.—American Samoa is divided into four districts: Manua District, comprising Ofu, Olosega, and Tau Islands; the Eastern District of Tutuila Island, which also includes Aunuu Island; the Western District of Tutuila Island; and Swains Island. Table 2 shows the population of these four districts from 1920 to 1940, and also the population of the individual islands. Rose Island, a coral atoll included in the American Samoa group, was uninhabited in 1940.

TABLE 2.—POPULATION OF DISTRICTS AND ISLANDS: 1920 TO 1940

DISTRICT OR ISLAND	1940	1930	1920	PERCENT OF INCREASE	
				1930 to 1940	1920 to 1930
American Samoa.....	12,908	10,055	8,056	28.4	24.8
Districts:					
Manua ¹	2,597	2,147	1,871	21.0	14.8
Tutuila, Eastern ²	6,733	5,032	3,777	33.8	33.2
Tutuila, Western.....	3,431	2,777	2,408	23.6	15.3
Swains Island ³	147	90		48.5	
Islands:					
Aunuu.....	322	233	198	38.2	17.7
Ofu.....	500	466	361	7.3	29.1
Olosega.....	809	438	365	16.2	23.4
Tau.....	1,588	1,243	1,155	27.8	7.6
Tutuila.....	9,842	7,576	5,987	29.9	26.5
Swains.....	147	90		48.5	

¹ Includes Ofu, Olosega, and Tau Islands.

² Includes also Aunuu Island.

³ Annexed to American Samoa in 1925.

1920-1940

NUMBER OF INHABITANTS

Counties and villages.—The four districts of American Samoa are divided into 14 counties, and these in turn are divided into villages. Table 3 shows the population of each district by counties and villages for the last three censuses.

TABLE 3.—POPULATION OF DISTRICTS BY COUNTIES AND VILLAGES: 1920 TO 1940

[For changes in boundaries, etc., between 1930 and 1940, see footnotes; for those between 1920 and 1930, see Reports of the Fifteenth Census (1930), Outlying Territories and Possessions, page 308]

DISTRICT, COUNTY, AND VILLAGE	1940	1930	1920	DISTRICT, COUNTY, AND VILLAGE	1940	1930	1920	DISTRICT, COUNTY, AND VILLAGE	1940	1930	1920
Manua District.....	2,597	2,147	1,871	Tutuila, Eastern District—Continued.				Tutuila, Western District.....	3,431	2,777	2,608
Faleasao County.....	340	279	269	Mauputasi County—Con.				Lealataua County.....	1,625	1,258	1,134
Faleasao village.....	340	279	269	Aua village.....	330	254	202	Afao village.....	45	48	33
Fitiuta County.....	494	402	335	Fagaalu village.....	197	106	55	Amalua village.....	65	67	45
Leusoalii village.....	236	222	335	Fagatogo village.....	912	678	515	Amamave village.....	123	106	143
Mala village.....	238	180		Fatumafuti village.....	8	12		Asili village.....	79	61	65
Ofu County ¹	500	466		Leloaloa village.....	128	141	75	Atauloma village.....	120	49	20
Ofu village.....	500	466	361	Lepua village.....	30	16	12	Pagalii village.....	48	32	54
Olosega County ¹	509	438		Pago Pago village.....	934	708	568	Pagamalo village.....	97	62	42
Olosega village.....	421	371	308	Satala village.....	16	38	12	Faholo village.....	84	67	58
Sili village.....	88	67	47	Utulei village.....	488	375	205	Leone village.....	711	583	472
Tau County.....	754	562	551	Naval Reservation.....	270	186		Nua village.....	52	50	56
Amouli village.....	26	12		Saole County.....	678	471	366	Poloa village.....	106	92	95
Luma village.....	397	266	296	Alofau village.....	134	103	59	Seetaga village.....	95	49	51
Siufaga village.....	331	284	253	Amouli village.....	180	115	95	Leasina County.....	355	273	290
Tutuila, Eastern District.....	6,733	5,032	3,777	Aunuu village.....	322	233	196	Aitulagi village.....	118	100	116
Ituau County.....	1,012	750	573	Utumea village.....	42	20	14	Aoloau village.....	129	114	113
Fagasa village.....	400	265	216	Sua County.....	881	622	633	Asu village.....	88	58	61
Faganeanea village.....	58	42	69	Afono village.....	138	96	136	Tualatai County.....	527	437	333
Matuu village.....	44	47		Amatau village.....	49	41	30	Futiga village.....	68	36	38
Nuuuli village.....	510	396	288	Fagaifua village.....	212	152	136	Ituau village.....	74	84	60
Mauputasi County.....	3,361	2,559	1,701	Laulii village.....	163	114	109	Taputimu village.....	169	101	97
Anua village.....		4	2	Masausi village.....	54	40	38	Vailoatai village ²	216	216	118
Atuu village.....	48	41	55	Masefau village.....	202	131	141	Tualata County.....	944	812	651
				Sallele village.....	63	48	43	Faleniu village.....	135	91	66
				Vaifanna County.....	601	630	504	Iiili village.....	194	199	134
				Aiao village.....	195	138	123	Mapusaga village.....	119	121	97
				Aoa village.....	141	137	161	Pavaiai village.....	203	140	129
				Onenoa village.....	108	67	50	Tafuna village.....	58	44	28
				Tula village.....	144	128	85	Vaitogi village.....	235	217	177
				Vatia village.....	213	166	145	Swains Island District.....	147	99	

¹ Total for Manua District for 1920 includes population (716) of Luanuu County, taken to form the counties of Ofu and Olosega between 1920 and 1930.

² Tusulu village and Valloa village combined to form Vailoatai village in 1920, but reported separately in 1930.



Table 5.—AGE BY RACE AND SEX, FOR AMERICAN SAMOA: 1930 TO 1950

[Percent and median not shown where base is less than 100. Males per 100 females not shown where number of females is less than 100]

Age, race, and sex	Population			Percent by age			Age, race, and sex	Population			Percent by age		
	1950	1940	1930	1950	1940	1930		1950	1940	1930	1950	1940	1930
ALL RACES¹							POLYNESIAN						
Total, all ages.....	18, 937	12, 908	10, 055	100.0	100.0	100.0	Total, all ages.....	17, 597	11, 291	8, 926	100.0	100.0	100.0
Under 5 years.....	3, 538	2, 248	1, 702	18.7	17.4	16.9	Under 5 years.....	3, 236	1, 913	1, 469	18.4	16.9	16.5
Under 1 year.....	763	457	357	4.0	3.5	3.6	Under 1 year.....	698	391	311	4.0	3.5	3.5
5 to 9 years.....	2, 875	2, 022	1, 459	15.2	15.7	14.5	5 to 9 years.....	2, 671	1, 731	1, 276	15.2	15.3	14.3
10 to 14 years.....	2, 350	1, 696	1, 226	12.4	13.1	12.2	10 to 14 years.....	2, 222	1, 491	1, 074	12.6	13.2	12.0
15 to 19 years.....	2, 161	1, 363	1, 021	11.4	10.6	10.2	15 to 19 years.....	2, 045	1, 226	909	11.6	10.9	10.2
20 to 24 years.....	1, 630	1, 134	799	8.6	8.8	7.9	20 to 24 years.....	1, 501	975	690	8.5	8.6	7.7
25 to 29 years.....	1, 526	1, 024	845	8.1	7.9	8.4	25 to 29 years.....	1, 408	870	745	8.0	7.7	8.3
30 to 34 years.....	1, 131	727	672	6.0	5.6	6.7	30 to 34 years.....	1, 035	608	607	5.9	5.4	6.8
35 to 39 years.....	999	712	518	5.3	5.5	5.5	35 to 39 years.....	920	630	420	5.2	5.6	5.6
40 to 44 years.....	651	514	344	3.4	4.0	3.4	40 to 44 years.....	594	479	311	3.4	4.2	3.4
45 to 49 years.....	606	398	292	3.2	3.1	2.9	45 to 49 years.....	570	361	273	3.2	3.2	3.2
50 to 54 years.....	493	325	235	2.6	2.5	2.3	50 to 54 years.....	470	306	217	2.7	2.7	2.7
55 to 59 years.....	270	270	188	1.4	2.1	1.4	55 to 59 years.....	251	251	174	1.4	2.2	1.4
60 to 64 years.....	253	182	144	1.3	1.4	1.1	60 to 64 years.....	244	174	138	1.4	1.5	1.1
65 to 69 years.....	184	122	84	1.0	0.9	0.9	65 to 69 years.....	176	115	79	1.0	1.0	0.9
70 to 74 years.....	134	79	51	0.7	0.6	0.6	70 to 74 years.....	126	75	48	0.7	0.7	0.7
75 years and over.....	136	92	57	0.7	0.7	0.3	75 years and over.....	128	88	51	0.7	0.8	0.3
Median age.....	16.6	16.8	18.1				Median age.....	16.6	17.1	18.5			
Male, all ages.....	9, 518	6, 612	5, 208	100.0	100.0	100.0	Male, all ages.....	9, 032	5, 711	4, 541	100.0	100.0	100.0
Under 5 years.....	1, 839	1, 152	892	18.7	17.4	17.1	Under 5 years.....	1, 680	988	764	18.6	17.3	16.8
Under 1 year.....	403	213	182	4.1	3.2	3.5	Under 1 year.....	370	184	145	4.1	3.2	3.5
5 to 9 years.....	1, 542	1, 034	737	15.7	15.6	14.2	5 to 9 years.....	1, 428	882	645	15.8	15.4	14.2
10 to 14 years.....	1, 236	866	646	12.6	13.1	12.4	10 to 14 years.....	1, 172	756	552	13.0	13.2	12.2
15 to 19 years.....	1, 137	717	528	11.6	10.8	10.1	15 to 19 years.....	1, 061	639	464	11.7	11.2	10.2
20 to 24 years.....	774	552	394	7.9	8.3	7.6	20 to 24 years.....	683	452	322	7.6	7.9	7.1
25 to 29 years.....	714	501	421	7.9	7.6	8.1	25 to 29 years.....	706	412	358	7.8	7.2	7.9
30 to 34 years.....	608	353	359	6.2	5.3	6.9	30 to 34 years.....	548	288	316	6.1	5.0	7.0
35 to 39 years.....	527	387	273	5.4	5.9	5.9	35 to 39 years.....	475	340	253	5.3	6.0	6.0
40 to 44 years.....	327	276	188	3.3	4.2	3.4	40 to 44 years.....	294	253	163	3.3	4.4	3.4
45 to 49 years.....	324	211	143	3.3	3.2	3.0	45 to 49 years.....	300	182	127	3.3	3.2	3.0
50 to 54 years.....	245	166	118	2.5	2.5	2.3	50 to 54 years.....	230	156	107	2.5	2.7	2.3
55 to 59 years.....	133	149	98	1.4	2.3	1.4	55 to 59 years.....	122	135	87	1.4	2.4	1.4
60 to 64 years.....	111	100	60	1.1	1.5	0.9	60 to 64 years.....	107	92	59	1.2	1.6	1.1
65 to 69 years.....	110	59	42	1.1	0.9	0.9	65 to 69 years.....	105	54	36	1.2	0.9	0.9
70 to 74 years.....	67	42	27	0.7	0.6	0.6	70 to 74 years.....	80	39	25	0.7	0.7	0.7
75 years and over.....	64	45	27	0.7	0.7	0.2	75 years and over.....	61	43	25	0.7	0.8	0.2
Median age.....	16.3	16.8	18.1				Median age.....	16.1	16.8	18.3			
Female, all ages.....	9, 119	6, 296	4, 847	100.0	100.0	100.0	Female, all ages.....	8, 565	5, 590	4, 385	100.0	100.0	100.0
Under 5 years.....	1, 699	1, 096	810	18.6	17.4	16.7	Under 5 years.....	1, 556	925	705	18.2	16.6	16.1
Under 1 year.....	360	244	175	3.9	3.0	3.6	Under 1 year.....	328	207	154	3.8	3.7	3.5
5 to 9 years.....	1, 333	988	722	14.6	15.7	14.9	5 to 9 years.....	1, 243	849	631	14.5	15.2	14.4
10 to 14 years.....	1, 114	828	580	12.2	13.2	12.0	10 to 14 years.....	1, 050	735	522	12.3	13.2	11.9
15 to 19 years.....	1, 024	646	493	11.2	10.3	10.2	15 to 19 years.....	984	587	445	11.5	10.5	10.1
20 to 24 years.....	856	552	405	9.4	9.2	8.4	20 to 24 years.....	818	523	368	9.6	9.4	8.4
25 to 29 years.....	732	522	424	8.2	8.3	8.7	25 to 29 years.....	702	458	397	8.2	8.2	8.8
30 to 34 years.....	523	374	313	5.7	5.9	6.5	30 to 34 years.....	467	318	291	5.7	5.7	6.6
35 to 39 years.....	472	325	238	5.2	5.2	5.2	35 to 39 years.....	445	290	207	5.2	5.2	5.2
40 to 44 years.....	324	238	158	3.6	3.8	3.4	40 to 44 years.....	300	226	147	3.5	4.1	3.4
45 to 49 years.....	282	187	134	3.1	3.0	2.7	45 to 49 years.....	270	179	127	3.2	3.2	2.7
50 to 54 years.....	248	159	107	2.7	2.5	2.3	50 to 54 years.....	240	150	101	2.7	2.7	2.3
55 to 59 years.....	137	121	78	1.5	1.9	1.1	55 to 59 years.....	129	116	73	1.5	2.1	1.1
60 to 64 years.....	142	82	51	1.6	1.3	0.9	60 to 64 years.....	137	82	51	1.6	1.5	0.9
65 to 69 years.....	74	63	38	0.8	1.0	0.7	65 to 69 years.....	71	61	36	0.8	1.1	0.8
70 to 74 years.....	67	37	23	0.7	0.6	0.6	70 to 74 years.....	66	36	22	0.8	0.6	0.6
75 years and over.....	72	47	27	0.8	0.7	0.3	75 years and over.....	67	45	25	0.8	0.8	0.3
Median age.....	17.0	16.8	18.2				Median age.....	17.2	17.4	18.8			
Males Per 100 Females							PART POLYNESIAN						
All ages.....	107.7	105.0	107.4				Total, all ages.....	970	1, 303	877	100.0	100.0	100.0
Under 5 years.....	105.2	105.1	110.1				Under 5 years.....	250	315	222	25.8	24.2	25.3
Under 1 year.....	111.9	87.3	104.0				Under 1 year.....	51	62	43	5.3	4.8	4.9
5 to 9 years.....	115.7	104.7	102.1				5 to 9 years.....	180	266	168	18.6	20.4	19.2
10 to 14 years.....	111.0	104.8	111.4				10 to 14 years.....	121	196	143	12.5	15.0	16.3
15 to 19 years.....	111.0	111.0	107.1				15 to 19 years.....	99	133	98	10.2	10.2	11.2
20 to 24 years.....	90.4	94.8	97.3				20 to 24 years.....	60	111	73	6.2	8.5	8.3
25 to 29 years.....	102.9	95.8	99.3				25 to 29 years.....	59	98	48	6.1	7.5	8.5
30 to 34 years.....	116.3	94.4	114.7				30 to 34 years.....	51	64	31	5.3	4.9	3.5
35 to 39 years.....	111.7	119.1	104.9				35 to 39 years.....	40	34	21	4.1	2.6	5.0
40 to 44 years.....	100.9	116.0					40 to 44 years.....	38	21	14	3.9	1.6	
45 to 49 years.....	114.9	112.8	126.9				45 to 49 years.....	23	24	35	2.4	1.8	4.0
50 to 54 years.....	98.8	104.4					50 to 54 years.....	17	13	10	1.8	1.0	
55 to 59 years.....	97.1	123.1	125.3				55 to 59 years.....	11	15	10	1.1	1.2	1.1
60 to 64 years.....	78.2						60 to 64 years.....	8	5	5	0.8	0.4	
65 to 69 years.....							65 to 69 years.....	6	3	5	0.6	0.2	0.6
70 to 74 years.....							70 to 74 years.....	2	2	2	0.2	0.2	
75 years and over.....							75 years and over.....	5	3	2	0.5	0.2	
Median age.....							Median age.....	12.3	11.8	11.7			

¹ Includes "other races," not shown separately.

Table 6.—AGE BY RACE AND SEX, FOR AMERICAN SAMOA: 1960 AND 1950

[Percent not shown where less than 0.1; percent and median not shown where base is less than 100. Males per 100 females not shown where number of females is less than 100]

Census year and age	All races				Polynesian			Part-Polynesian			White			Other races		
	Total	Male	Female	Males per 100 females	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960																
Total, all ages.....	20,051	10,164	9,887	102.8	19,214	9,668	9,546	561	306	255	249	170	79	27	20	7
Under 1 year.....	871	445	426	104.5	841	431	410	26	11	15	4	3	1	...	...	...
1 year.....	717	394	323	122.0	693	380	313	21	12	9	3	2	1	...	...	...
2 years.....	716	360	356	101.1	696	352	344	16	6	10	4	2	2	...	...	...
3 years.....	742	376	366	102.7	715	358	357	22	17	5	5	1	4	...	...	...
4 years.....	663	342	319	107.8	640	331	309	18	11	7	5	2	3	...	...	...
5 years.....	664	380	284	133.8	641	364	277	18	11	7	5	5	...	...	...	...
6 years.....	669	343	326	105.2	643	330	313	20	12	8	6	1	5	...	...	...
7 years.....	701	374	327	114.4	680	360	320	17	11	6	4	3	1	...	...	...
8 years.....	587	281	306	91.8	565	272	293	18	7	11	4	2	2	...	...	...
9 years.....	623	311	312	99.7	601	297	304	18	11	7	4	3	1	...	...	...
10 years.....	616	342	274	124.8	590	327	263	22	13	9	4	2	2	...	...	...
11 years.....	630	331	299	110.7	603	318	285	24	12	12	3	1	2	...	...	...
12 years.....	569	307	262	117.2	546	295	251	19	9	10	4	3	1	...	...	...
13 years.....	599	302	297	101.7	574	292	282	20	8	12	5	2	3	...	...	...
14 years.....	599	299	280	106.8	590	283	267	28	15	13	1	1	...	...	...	...
15 years.....	520	281	239	117.6	500	266	234	18	13	5	2	2	...	...	...	...
16 years.....	510	305	205	148.8	493	293	200	17	12	5	...	...	...	...	...	...
17 years.....	449	224	225	99.6	434	220	214	15	4	11	...	...	...	...	...	...
18 years.....	368	194	174	111.5	355	187	168	12	6	6	1	1	...	...	...	...
19 years.....	355	174	161	108.1	320	166	154	14	7	7	1	2	...	...	...	...
20 years.....	339	156	183	85.2	332	153	179	5	1	4	2	2	...	...	...	...
21 years and over.....	7,584	3,642	3,943	92.3	7,202	3,393	3,809	173	97	76	182	131	51	27	20	7
Under 5 years.....	3,709	1,919	1,790	107.2	3,585	1,852	1,733	103	57	46	21	10	11	...	...	...
5 to 9 years.....	3,244	1,689	1,555	108.6	3,130	1,623	1,507	91	52	39	23	14	9	...	...	...
10 to 14 years.....	2,993	1,581	1,412	112.0	2,863	1,515	1,348	113	57	56	17	9	8	...	...	...
15 to 19 years.....	2,182	1,178	1,004	117.3	2,102	1,132	970	76	42	34	4	16	6	1	1	...
20 to 24 years.....	1,444	670	774	86.6	1,395	643	752	26	10	16	22	15	7	6	6	...
25 to 29 years.....	1,154	484	670	72.2	1,109	456	653	17	7	10	20	12	8	6	4	2
30 to 34 years.....	1,107	490	617	76.4	1,046	451	595	25	13	12	30	22	17	3	2	1
35 to 39 years.....	1,030	513	517	99.2	962	468	494	21	16	5	44	27	17	4	3	2
40 to 44 years.....	814	432	382	113.1	764	399	365	26	14	12	21	17	4	3	2	1
45 to 49 years.....	688	353	335	105.4	649	320	329	26	21	5	12	11	1	1	1	...
50 to 54 years.....	474	260	214	121.5	452	246	206	12	6	6	9	7	2	1	1	...
55 to 59 years.....	425	231	194	119.1	402	214	188	11	8	3	9	7	2	3	2	1
60 to 64 years.....	247	113	134	84.3	239	108	131	4	2	2	4	3	1	...	...	...
65 to 69 years.....	226	107	119	89.9	213	103	110	5	5	5	7	4	3	1	...	...
70 to 74 years.....	147	67	80	...	140	64	76	5	1	4	2	2	...	...	...	...
75 to 79 years.....	87	46	41	...	86	45	41	...	...	...	1	1	...	...	...	...
80 to 84 years.....	38	14	24	...	37	13	24	...	...	...	...	...	...	...	...	...
85 years and over.....	42	17	25	...	40	16	24	...	...	...	...	...	...	2	1	1
18 years and over.....	11,425	5,999	5,426	110.6	11,005	5,769	5,236	357	195	162	63	35	28	...	...	...
Median age.....	15.2	14.6	15.8	...	15.1	14.4	15.8	14.1	14.1	14.0	32.6	33.9	...	...	...	...
Percent Distribution																
Total, all ages.....	100.0	100.0	100.0	...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	...	...	...	...
Under 5 years.....	18.5	18.9	18.1	...	18.7	19.2	18.2	18.4	18.6	18.0	8.4	5.9	...	...	...	...
5 to 9 years.....	16.2	16.6	15.7	...	16.3	16.8	15.8	16.2	17.0	15.3	9.2	8.2	...	...	...	...
10 to 14 years.....	14.9	15.6	14.3	...	14.9	15.7	14.1	20.1	18.6	22.0	6.8	5.3	...	...	...	...
15 to 19 years.....	10.9	11.6	10.2	...	10.9	11.7	10.2	13.5	13.7	13.3	1.6	2.4	...	...	...	...
20 to 24 years.....	7.2	6.6	7.8	...	7.3	6.7	7.9	4.6	3.3	6.3	8.8	9.4	...	...	...	...
25 to 29 years.....	5.8	4.8	6.8	...	5.8	4.7	6.8	3.0	2.3	3.9	8.8	8.8	...	...	...	...
30 to 34 years.....	5.5	4.8	6.2	...	5.4	4.7	6.2	4.5	4.2	4.7	12.0	12.9	...	...	...	...
35 to 39 years.....	5.1	5.0	5.2	...	5.0	4.8	5.2	3.7	5.2	2.0	17.7	15.9	...	...	...	...
40 to 44 years.....	4.1	4.3	3.9	...	4.0	4.1	3.8	4.6	4.6	4.7	8.4	10.0	...	...	...	...
45 to 49 years.....	3.4	3.5	3.4	...	3.4	3.3	3.4	4.6	6.9	2.0	4.8	6.5	...	...	...	...
50 to 54 years.....	2.4	2.6	2.2	...	2.4	2.5	2.2	2.1	2.0	2.3	3.6	4.1	...	...	...	...
55 to 59 years.....	2.1	2.3	2.0	...	2.1	2.2	2.0	2.0	2.6	1.2	3.6	4.1	...	...	...	...
60 to 64 years.....	1.2	1.1	1.4	...	1.2	1.1	1.4	0.7	0.7	0.8	1.6	1.8	...	...	...	...
65 to 69 years.....	1.1	1.1	1.2	...	1.1	1.1	1.2	0.9	...	2.0	2.8	2.4	...	...	...	...
70 to 74 years.....	0.7	0.7	0.8	...	0.7	0.7	0.8	0.9	0.3	1.6	0.8	1.2	...	...	...	...
75 to 79 years.....	0.4	0.5	0.4	...	0.4	0.5	0.4	...	...	...	0.4	0.6	...	...	...	...
80 to 84 years.....	0.2	0.1	0.2	...	0.2	0.1	0.3	...	...	...	0.4	0.6	...	...	...	...
85 years and over.....	0.2	0.2	0.3	...	0.2	0.2	0.3	...	...	...	...	...	...	...	...	...
1950																
Total, all ages.....	18,937	9,818	9,119	107.7	17,997	9,032	8,565	970	538	432	358	236	122	12	12	...
Under 5 years.....	3,538	1,836	1,699	108.2	3,236	1,680	1,556	250	132	118	52	27	25	...	...	...
Under 1 year.....	763	403	360	111.9	698	370	328	51	24	27	14	9	5	...	...	...
1 to 4 years.....	2,875	1,542	1,333	115.7	2,671	1,428	1,243	180	101	79	24	13	11	...	...	...
5 to 9 years.....	2,350	1,236	1,114	111.0	2,222	1,172	1,050	121	61	60	7	3	4	...	...	...
10 to 14 years.....	2,161	1,137	1,024	111.0	2,045	1,061	984	99	59	40	15	15	...	...	...	...
15 to 19 years.....	1,630	774	856	90.4	1,501	683	818	60	31	37	67	60	7	2	2	...
20 to 24 years.....	1,526	774	752	102.9	1,408	706	702	39	32	21	39	36	23	...	...	...
25 to 29 years.....	1,131	608	523	116.3	1,035	548	487	51	30	21	45	30	15	...	...	...
30 to 34 years.....	999	527	472	111.7	920	475	445	40	29	11	29	23	16	...	...	...
35 to 39 years.....	851	327	324	100.9	794	394	300	38	24	14	19	9	10	...	...	...
40 to 44 years.....	606	324	282	114.9	570	300	270	23	17	6	12	6	6	1	1	...
45 to 49 years.....	493	245	248	98.8	470	230	240	17	10	7	5	4	1	1	1	...
50 to 54 years.....	270	133	137	97.1	251	122	129	11	5	6	1	1	...	...	...	...
55 to 59 years.....	253	111	142	78.2	242	107	137	8	3	5	1	1	...	...	...	...
60 to 64 years.....	184	110	74	...	176	105	71	6	3	3	2	2	...	...	...	...
65 to 69 years.....	134	67	67	...	126	60	66	2	2	...	3	2	1	3	3	...

1980

SINGLE YEAR OF AGE DATA FOR:

1980

AMERICAN SAMOA

474	511	512	516	473	462	419	435	423	417
447	461	462	420	426	373	399	417	358	329
325	296	273	255	241	272	231	241	203	205
203	233	208	197	182	182	196	196	151	155
181	165	170	168	142	148	123	134	114	119
105	100	105	114	97	85	89	95	53	65
71	91	68	48	55	46	49	42	43	35
24	27	27	25	19	25	11	18	15	14
15	8	4	2	2	4	1	1	1	4
0	1	0	1	1	0	1	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	16384	0	0	0	0	0	0
509	471	428	454	438	473	397	388	415	389
418	385	370	373	401	396	401	408	361	405
296	376	314	306	275	257	255	270	196	258
210	233	207	211	172	178	172	149	106	125
167	147	151	116	116	116	95	117	108	110
120	116	106	102	103	99	92	75	62	60
67	74	55	54	52	46	31	42	37	42
31	25	23	14	22	24	16	24	15	19
12	5	8	5	3	3	5	6	2	5
4	3	1	1	1	0	1	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	15913	0	0	0	0	0	0

AMERICAN SAMOA

CALCULATION OF AGE-ACCURACY INDEX

AGE	POPULATION		ANALYSIS OF AGE RATIOS			
	MALE	FEMALE	MALE		FEMALE	
			RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS.....	2486	2300	(X)	(X)	(X)	(X)
5 TO 9 YEARS.....	2156	2062	93.77	-6.23	96.05	-1.95
10 TO 14 YEARS.....	2256	1947	107.60	7.60	97.68	-2.32
15 TO 19 YEARS.....	1678	1971	101.99	1.99	105.87	5.87
20 TO 24 YEARS.....	1390	1667	94.34	-5.66	102.61	2.61
25 TO 29 YEARS.....	1152	1236	96.67	-3.33	94.21	-5.79
30 TO 34 YEARS.....	1033	1033	101.11	1.11	103.33	3.33
35 TO 39 YEARS.....	880	730	97.09	-2.91	89.02	-10.98
40 TO 44 YEARS.....	806	697	104.04	4.04	105.98	5.98
45 TO 49 YEARS.....	638	546	97.40	-2.60	91.05	-8.95
50 TO 54 YEARS.....	521	556	101.03	1.03	111.95	11.95
55 TO 59 YEARS.....	382	382	93.22	-6.22	93.42	-6.58
60 TO 64 YEARS.....	333	302	106.73	6.73	102.03	2.03
65 TO 69 YEARS.....	215	198	96.27	-3.73	96.59	-3.41
70 TO 74 YEARS.....	122	115	87.14	-12.86	83.94	-16.06
75 TO 79 YEARS.....	83	98	105.51	5.51	119.51	19.51
80 TO 84 YEARS.....	31	33	(X)	(X)	(X)	(X)
85 YEARS AND OVER.....	16	34	(X)	(X)	(X)	(X)
TOTAL (ABS. VALUE).....	(X)	(X)	(X)	71.61	(X)	107.33
MEAN.....	(X)	(X)	(X)	4.77	(X)	7.16

OVERALL AGE-ACCURACY INDEX = 5.96

THE AGE-RATIO IS $300 \cdot P(A) / (P(A-5) + P(A) + P(A+5))$.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 213-219.

AMERICAN JAMAICA

CALCULATION OF U.N. AGE-SEX ACCURACY INDEX
POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	RATIO	MALE DEVIATION FROM 100	RATIO	FEMALE DEVIATION FROM 100
UNDER 5 YEARS.....	2424	2300	108.09	(X)	(X)	(X)	(X)	(X)
5 TO 9 YEARS.....	2156	2062	104.56	-3.53	90.93	-9.07	97.10	-2.90
10 TO 14 YEARS.....	2256	1947	115.87	11.31	111.85	11.85	96.55	-3.45
15 TO 19 YEARS.....	1878	1971	95.28	-20.59	103.02	3.02	109.08	9.08
20 TO 24 YEARS.....	1390	1667	83.38	-11.90	91.75	-8.25	103.96	3.96
25 TO 29 YEARS.....	1152	1236	93.20	9.82	95.09	-4.91	91.56	-8.44
30 TO 34 YEARS.....	1033	1032	100.00	6.80	101.67	1.67	105.09	5.09
35 TO 39 YEARS.....	880	720	120.55	20.55	95.70	-4.30	84.39	-15.61
40 TO 44 YEARS.....	806	697	115.64	-4.91	106.19	6.19	109.25	9.25
45 TO 49 YEARS.....	638	546	116.85	1.21	96.16	-3.84	87.15	-12.85
50 TO 54 YEARS.....	521	556	93.71	-23.14	101.56	1.56	119.06	19.06
55 TO 59 YEARS.....	388	382	100.00	6.29	90.87	-9.13	90.44	-9.56
60 TO 64 YEARS.....	333	302	110.26	10.26	110.45	10.45	103.07	3.07
65 TO 69 YEARS.....	215	198	108.59	-1.68	94.51	-5.49	94.96	-5.04
70 TO 74 YEARS.....	172	115	106.09	-2.50	81.88	-18.12	77.70	-22.30
75 TO 79 YEARS.....	83	90	84.69	-21.39	108.50	8.50	132.43	32.43
80 TO 84 YEARS.....	31	33	93.94	9.25	(X)	(X)	(X)	(X)
85 YEARS AND OVER.	16	34	47.06	(X)	(X)	(X)	(X)	(X)
TOTAL (ABS. VALUE).	(X)	(X)	(X)	165.13	(X)	106.35	(X)	162.07
MEAN.....	(X)	(X)	(X)	10.32	(X)	7.09	(X)	10.80

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS

= 48.86

THE AGE RATIO IS $200 \cdot P(A) / (P(A-5) + P(A+5))$.

NOTE: U.N. GUIDELINES DESCRIBE CENSUS DATA AS "ACCURATE," "INACCURATE," "HIGHLY INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE U.N. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.

PREFERENCES: UNITED NATIONS, "METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES," MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.

SHRYOCK & SIGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1989 (FOURTH PRINTING), PP. 221-223.

1950 Census

AMERICAN SAMOA

AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	2486	7.70	2300	7.12	108.09
5-9	2156	6.68	2062	6.38	104.56
10-14	2256	6.99	1947	6.03	115.87
15-19	1876	5.81	1971	6.10	95.28
20-24	1390	4.30	1667	5.16	83.38
25-29	1152	3.57	1236	3.83	93.20
30-34	1033	3.20	1033	3.20	100.00
35-39	880	2.72	730	2.26	120.55
40-44	666	2.00	697	2.16	115.64
45-49	638	1.98	546	1.69	116.85
50-54	521	1.61	556	1.72	93.71
55-59	388	1.20	388	1.20	100.00
60-64	333	1.03	302	.94	110.26
65-69	215	.67	198	.61	108.59
70-74	122	.38	115	.36	106.09
75-79	83	.26	98	.30	84.69
80-84	31	.10	33	.10	93.94
85+	16	.05	34	.11	47.06
TOTAL	16384	50.73	15913	49.27	102.96

TOTAL POPULATION = 32297

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION		ANALYSIS OF SEX RATIOS				ANALYSIS OF AGE RATIOS				DEVIATION FROM 100	
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	MALE	FEMALE
UNDER 5 YEARS	2486	2300	108.09	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
5 TO 9 YEARS	2156	2062	104.56	-3.53	4642.	92.89	-7.11	4362.	94.54	-5.46	(X)	(X)
10 TO 14 YEARS	2256	1947	115.87	11.31	4412.	102.27	2.27	4009.	97.13	-2.87	(X)	(X)
15 TO 19 YEARS	1878	1971	95.28	-20.59	4134.	90.86	-9.14	3918.	100.61	.61	(X)	(X)
20 TO 24 YEARS	1390	1667	83.38	-11.20	3268.	85.07	-14.93	3638.	91.64	-8.36	(X)	(X)
25 TO 29 YEARS	1152	1276	93.20	9.82	2542.	90.64	-9.36	2903.	85.15	-14.85	(X)	(X)
30 TO 34 YEARS	1033	1033	100.00	6.80	2185.	94.55	-5.45	2269.	91.05	-8.95	(X)	(X)
35 TO 39 YEARS	880	730	120.55	20.55	1913.	92.00	-0.00	1763.	82.81	-17.19	(X)	(X)
40 TO 44 YEARS	806	697	115.64	-4.91	1686.	95.61	-4.39	1427.	97.69	-2.31	(X)	(X)
45 TO 49 YEARS	638	546	116.85	1.21	1444.	88.37	-11.63	1243.	87.85	-12.15	(X)	(X)
50 TO 54 YEARS	521	556	93.71	-23.14	1159.	89.91	-10.09	1102.	100.91	.91	(X)	(X)
55 TO 59 YEARS	388	388	100.00	6.29	909.	85.37	-14.63	944.	82.20	-17.80	(X)	(X)
60 TO 64 YEARS	333	302	110.26	10.26	721.	92.37	-7.63	690.	77.54	-22.46	(X)	(X)
65 TO 69 YEARS	215	198	108.59	-1.68	548.	78.47	-21.53	500.	79.20	-20.80	(X)	(X)
70 TO 74 YEARS	122	115	106.09	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
75 TO 79 YEARS	83	98	84.69	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
80 TO 84 YEARS	31	33	93.94	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
85 YEARS AND OVER	16	34	47.06	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
TOTAL (AUS.VAL.)	16384	15913	(X)	132.00	(X)	(X)	126.17	(X)	(X)	124.70	(X)	(X)

RATIOS: RI = 106.42 = INITIAL PAIRED SEX RATIO
 RT = 109.60 = TERMINAL PAIRED SEX RATIO
 RHM = 107.11 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 9.25 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHF = 105.46 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 9.03 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES: I = 9.01 = SEX-RATIO INDEX
 IIM = 1.20 = AGE-RATIO INDEX (MALE)
 IIF = 1.22 = AGE-RATIO INDEX (FEMALE)

= SUM OF DEVIATIONS DIVIDED BY (RHM-100.+RFM-RFM)
 = SUM OF DEVIATIONS DIVIDED BY (RHF-100.+RHF-RFF)

GROUPED ACCURACY INDEX = I * IIM * IIF = 14.59

NOTE: CENSUS DATA ARE DESCRIBED AS 'ACCURATE', 'INACCURATE', OR 'HIGHLY INACCURATE' DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 15, OR OVER 15.

REFERENCE: AJIT DAS GUPTA, 'ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS,' 'PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954. (ROME)', UNITED NATIONS, VOL. IV, 1955, PP. 63-74.

CALCULATION OF PREFERENCE INDICES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD
AMERICAN SAMOA

MALE POPULATION

(AGE RANGE COVERED IS 0 TO 99.)

TERMINAL DIGIT 'A'	POPULATION WITH STARTING WITH 0	POPULATION WITH TERMINAL DIGIT 'A'	WEIGHTS FOR:	BLENDED POPULATION NUMBER	BLENDED POPULATION PERCENT	DEVIATION OF PERCENT FROM 10.000
	COL. 1	COL. 2	COL. 1 COL. 2			
0	1945	1371	1 9	14184	9.986	-.014
1	1893	1382	2 8	14842	10.450	.450
2	1869	1357	3 7	15106	10.636	.636
3	1726	1210	4 6	14164	9.972	-.028
4	1648	1175	5 5	14115	9.938	-.062
5	1599	1137	6 4	14142	9.957	-.043
6	1519	1100	7 3	13933	9.810	-.170
7	1579	1144	8 2	14920	10.505	.505
8	1261	938	9 1	13187	9.284	-.716
9	1344	927	10 0	13440	9.463	-.537
TOTAL	16383	11741	(X) (X)	142033	100.000	3.180

SUMMARY INDEX OF AGE PREFERENCE = 1.590

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

CALCULATION OF PREFERENCE INDEXES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA

FEMALE POPULATION

(AGE RANGE COVERED IS 0 TO 99.)

TERMINAL DIGIT 'A'	POPULATION WITH TERMINAL DIGIT 'A'	WEIGHTS FOR:	BLENDED POPULATION	DEVIATION OF PERCENT FROM 10.000	
STARTING WITH 0	STARTING WITH 10	COL. 1	NUMBER	PERCENT	
COL. 2	COL. 2	COL. 1	PERCENT		
0	1943	1	14849	10.715	-.715
1	1835	2	14582	10.523	-.523
2	1663	3	13634	9.839	-.161
3	1636	4	13636	9.840	-.160
4	1583	5	13640	9.843	-.157
5	1592	6	14028	10.123	-.123
6	1465	7	13459	9.712	-.288
7	1479	8	14014	10.113	-.113
8	1302	9	12605	9.096	-.904
9	1413	10	14130	10.196	-.196
TOTAL	15911	(X)	138577	100.000	3.340

SUMMARY INDEX OF AGE PREFERENCE = 1.670

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SIEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 206-208.

CALCULATION OF PREFERENCE INDICES FOR TERMINAL DIGITS (V MYERS' BLENDED METHOD
 AMERICAN SAMOA

TOTAL POPULATION

(AGE RANGE COVERED IS 0 TO 99.)

TERMINAL DIGIT 'A'	POPULATION WITH STARTING WITH 0	STARTING WITH 10	COL.1	WEIGHTS FOR:	COL.2	POPULATION WITH STARTING WITH 0	POPULATION NUMBER	PERCENT	DEVIATION OF PERCENT FROM 10.000
0	3768	2805	1	9	29033	10.346	29033	10.346	-.346
1	3728	2746	2	8	29424	10.486	29424	10.486	-.486
2	3532	2592	3	7	28740	10.242	28740	10.242	-.242
3	3362	2392	4	6	27800	9.907	27800	9.907	-.093
4	3231	2320	5	5	27755	9.891	27755	9.891	-.109
5	3191	2256	6	4	28170	10.039	28170	10.039	-.039
6	2984	2168	7	3	27392	9.762	27392	9.762	-.238
7	3058	2235	8	2	28934	10.311	28934	10.311	-.311
8	2663	1825	9	1	25792	9.191	25792	9.191	-.809
9	2757	1951	10	0	27570	9.825	27570	9.825	-.175
TOTAL	32294	23290	(X)	(X)	280610	100.000	280610	100.000	2.848

SUMMARY INDEX OF AGE PREFERENCE = 1.424

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

WHIPPLE'S INDEX OF DIGITAL PREFERENCE -- AMERICAN SAMOA

POPULATION	TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
MALE	3	13 TO 57	7376	714	96.80	-3.20
	4	19 TO 58	7071	672	95.04	-4.96
	5	20 TO 59	6808	687	100.91	.91
	6	21 TO 60	6554	639	97.50	-2.50
FEMALE	3	13 TO 57	6340	666	104.90	4.90
	4	19 TO 58	6144	521	84.80	-15.20
	5	20 TO 59	5937	545	91.80	-8.20
	6	21 TO 60	5751	560	97.37	-2.63
TOTAL	1	26 TO 65	5525	589	106.61	6.61
	2	27 TO 66	5343	551	103.13	3.13

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 26.12
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 101.48

POPULATION	TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
FEMALE	3	13 TO 57	7497	735	98.04	-1.96
	4	19 TO 58	7198	666	92.53	-7.47
	5	20 TO 59	6853	650	94.85	-5.15
	6	21 TO 60	6524	614	94.11	-5.89
	7	22 TO 61	6222	611	98.20	-1.80
TOTAL	8	23 TO 62	5963	472	79.15	-20.85
	9	24 TO 63	5711	553	96.83	-3.17
	0	25 TO 64	5438	573	104.41	4.41
	1	26 TO 65	5277	570	108.02	8.02
	2	27 TO 66	5053	519	102.71	2.71

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 30.71
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 102.55

POPULATION	TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
TOTAL	3	13 TO 57	14873	1449	97.42	-2.58
	4	19 TO 58	14269	1336	93.77	-6.23
	5	20 TO 59	13661	1337	97.87	-2.13
	6	21 TO 60	13078	1253	95.81	-4.19
	7	22 TO 61	12571	1277	101.58	1.58
	8	23 TO 62	12107	993	82.02	-17.98
	9	24 TO 63	11648	1098	94.27	-5.73
TOTAL	0	25 TO 64	11239	1133	100.81	.81
	1	26 TO 65	10802	1159	107.29	7.29
	2	27 TO 66	10396	1070	102.92	2.92

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 25.73
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 102.01

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA

MALE POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING							AVERAGE VALUE	REPORTED VALUE	DIFFERENCE AMOUNT	FROM AVERAGE PERCENT
	7-4,5-9	1-5,6-0	2-6,7-1	3-7,8-2	4-8,9-3						
5 YEARS	431	442	458	468	435	446	462	16	3.59		
6 YEARS	427	432	448	461	447	443	419	-24	-5.42		
7 YEARS	427	426	441	460	452	441	435	-6	-1.36		
8 YEARS	432	425	437	458	456	442	423	-19	-4.30		
9 YEARS	439	427	436	455	458	443	417	-26	-5.87		
10 YEARS	447	431	435	452	456	444	447	3	.68		
11 YEARS	460	437	434	446	452	446	461	15	3.36		
12 YEARS	463	445	434	435	445	445	502	57	12.81		
13 YEARS	453	446	436	432	436	441	420	-21	-4.76		
14 YEARS	433	437	432	424	426	430	426	-4	-.93		
15 YEARS	415	419	419	412	414	416	375	-41	-9.86		
16 YEARS	396	402	401	395	399	399	399	0	.00		
17 YEARS	376	386	383	374	379	380	417	37	9.74		
18 YEARS	356	368	365	354	357	360	358	-2	-.56		
19 YEARS	335	347	345	332	334	339	329	-10	-2.95		
20 YEARS	313	325	326	314	311	318	325	7	2.20		
21 YEARS	291	304	306	297	291	298	296	-2	-.67		
22 YEARS	274	282	286	284	276	280	273	-7	-2.50		
23 YEARS	260	262	265	271	266	265	255	-10	-3.77		
24 YEARS	252	249	249	258	255	253	241	-12	-4.74		
25 YEARS	244	240	239	245	245	243	272	29	11.93		
26 YEARS	236	230	233	237	236	234	231	-3	-1.28		
27 YEARS	229	221	227	225	229	227	241	14	6.17		
28 YEARS	224	214	222	221	223	221	203	-18	-8.14		
29 YEARS	219	210	217	214	218	216	205	-11	-5.09		
30 YEARS	215	208	212	210	214	212	203	-9	-4.25		
31 YEARS	213	207	207	205	211	209	233	24	11.48		
32 YEARS	209	207	203	202	205	205	208	3	1.46		
33 YEARS	202	205	200	200	198	201	197	-4	-1.99		
34 YEARS	194	200	196	191	193	196	192	-4	-2.04		
35 YEARS	187	193	191	194	187	190	182	-8	-4.21		
36 YEARS	179	187	185	180	182	184	196	12	6.52		
37 YEARS	173	180	180	182	179	179	196	17	9.50		
38 YEARS	171	173	174	176	176	174	151	-23	-13.22		
39 YEARS	170	171	168	170	173	170	155	-15	-8.82		
40 YEARS	168	168	165	162	170	167	181	14	8.38		
41 YEARS	167	164	161	159	165	163	165	2	1.23		
42 YEARS	164	161	156	154	159	159	170	11	6.92		
43 YEARS	158	157	153	150	152	154	148	-6	-3.90		

44 YEARS	149	150	148	145	147	142	-5	-3.40
45 YEARS	141	141	141	137	140	148	8	5.71
46 YEARS	133	132	133	131	133	123	-10	-7.52
47 YEARS	126	124	126	124	126	134	8	6.35
48 YEARS	121	117	118	122	119	114	-5	-4.20
49 YEARS	117	112	112	118	114	119	5	4.39
50 YEARS	113	110	109	114	110	105	-5	-4.55
51 YEARS	110	107	107	109	107	100	-7	-6.54
52 YEARS	105	105	104	104	104	105	1	.96
53 YEARS	100	102	102	98	101	114	13	12.67
54 YEARS	93	97	99	93	96	97	1	1.04
55 YEARS	87	90	95	87	92	85	-7	-7.61
56 YEARS	80	84	90	83	86	89	3	3.49
57 YEARS	76	78	85	79	81	95	14	17.28
58 YEARS	73	77	80	77	77	53	-24	-31.17
59 YEARS	72	70	75	75	73	66	-7	-9.59
60 YEARS	71	69	70	73	70	71	1	1.43
61 YEARS	71	67	66	69	67	91	24	35.62
62 YEARS	69	66	62	66	65	68	3	4.62
63 YEARS	64	62	57	61	60	48	-12	-20.00
64 YEARS	58	59	53	56	56	55	-1	-1.79
65 YEARS	53	53	49	51	51	46	-5	-9.80
66 YEARS	47	48	45	48	46	49	3	6.52
67 YEARS	43	42	41	42	42	42	0	.00
68 YEARS	38	37	37	38	37	43	6	16.22
69 YEARS	34	34	34	34	34	35	1	2.94
70 YEARS	30	32	31	30	31	24	-7	-22.58
71 YEARS	26	29	28	27	28	27	-1	-3.57
72 YEARS	25	27	26	24	26	27	1	3.85
73 YEARS	21	23	23	23	23	25	2	8.70
74 YEARS	20	22	21	21	21	19	-2	-9.52

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA

FALL POPULATION

(BASED ON AGES 5 TO 74)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHTED	PERCENT DEVIATION UNWEIGHTED
5	-0.51	-1.46
6	-1.25	0.33
7	5.69	6.81
8	-5.94	-6.48
9	-4.54	-3.57
0	0.30	-2.67
1	4.17	5.87
2	5.37	4.02
3	-3.05	-1.84
4	-2.25	-3.05
SUMMARY INDEX	16.54	18.05

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA

FEMALE POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING										AVERAGE VALUE	REPORTED VALUE	DIFFERENCE AMOUNT	DIFFERENCE FROM AVERAGE PERCENT
	0-4,5-9	1-5,6-10	2-6,7-11	3-7,8-12	4-8,9-13	5-9,10-14	6-10,11-15	7-11,12-16	8-12,13-17	9-13,14-18				
5 YEARS	424	426	426	427	436	429	473	44	10.26					
6 YEARS	419	416	416	414	417	416	397	-19	-4.57					
7 YEARS	411	407	409	405	404	407	388	-19	-4.67					
8 YEARS	405	400	403	399	394	400	415	15	3.75					
9 YEARS	399	394	398	396	389	395	389	-6	-1.52					
10 YEARS	394	390	394	394	386	392	418	26	6.63					
11 YEARS	388	386	391	394	384	389	385	-4	-1.03					
12 YEARS	384	381	389	394	387	387	370	-17	-4.39					
13 YEARS	383	380	385	396	389	387	373	-15	-3.87					
14 YEARS	393	385	384	397	392	390	401	11	2.82					
15 YEARS	397	393	388	397	395	394	396	2	.51					
16 YEARS	402	399	395	396	397	392	401	3	.75					
17 YEARS	400	407	400	393	394	399	408	9	2.26					
18 YEARS	393	406	406	396	389	397	361	-36	-9.07					
19 YEARS	379	391	403	388	384	389	405	16	4.11					
20 YEARS	365	368	383	372	380	375	396	21	5.60					
21 YEARS	351	345	354	360	369	356	376	20	5.62					
22 YEARS	336	322	325	336	346	333	314	-19	-5.71					
23 YEARS	317	301	295	317	318	309	306	-3	-.97					
24 YEARS	298	286	272	286	290	286	275	-11	-3.85					
25 YEARS	279	274	260	266	260	268	257	-11	-4.10					
26 YEARS	257	260	255	257	239	253	255	2	.79					
27 YEARS	242	246	243	246	231	243	270	27	11.11					
28 YEARS	232	235	242	238	233	236	196	-40	-16.95					
29 YEARS	227	227	235	230	234	231	258	27	11.69					
30 YEARS	222	221	226	222	236	225	210	-15	-6.67					
31 YEARS	219	216	216	217	233	219	233	14	6.39					
32 YEARS	213	212	207	202	218	210	207	-3	-1.43					
33 YEARS	198	204	199	197	198	198	211	13	6.57					
34 YEARS	181	192	188	185	180	185	172	-13	-7.03					
35 YEARS	166	177	179	176	161	172	178	6	3.49					
36 YEARS	150	163	167	167	147	159	172	13	8.18					
37 YEARS	139	149	156	160	144	150	149	-1	-.67					
38 YEARS	136	139	145	157	145	144	106	-38	-26.39					
39 YEARS	139	134	136	140	145	140	125	-15	-10.71					
40 YEARS	141	134	130	140	147	138	167	29	21.01					
41 YEARS	145	133	127	132	146	137	147	10	7.30					
42 YEARS	145	133	123	125	139	133	151	18	13.53					
43 YEARS	138	131	120	119	129	127	116	-11	-8.66					

44 YEARS	123	127	117	114	120	121	116	-5	-4.13
45 YEARS	117	122	117	109	111	116	116	0	.00
46 YEARS	110	118	117	109	105	112	95	-17	-15.18
47 YEARS	104	113	117	111	106	110	117	7	6.36
48 YEARS	104	106	118	113	110	111	108	-3	-2.70
49 YEARS	109	109	116	116	113	113	110	-3	-2.65
50 YEARS	112	110	115	117	116	114	129	15	13.16
51 YEARS	116	110	112	114	117	114	116	2	1.75
52 YEARS	116	111	109	109	112	111	106	-5	-4.50
53 YEARS	111	109	107	105	105	107	102	-5	-4.67
54 YEARS	101	103	102	100	98	101	103	2	1.98
55 YEARS	92	93	96	95	92	94	99	5	5.32
56 YEARS	82	85	88	89	85	86	92	6	6.98
57 YEARS	74	75	81	87	80	78	75	-3	-3.85
58 YEARS	71	68	73	75	76	73	62	-11	-15.07
59 YEARS	69	65	65	68	71	68	60	-8	-11.76
60 YEARS	67	63	61	63	66	64	67	3	4.69
61 YEARS	64	61	58	58	63	61	74	13	21.31
62 YEARS	62	60	54	54	57	57	55	-2	-3.51
63 YEARS	57	57	50	51	53	54	54	0	.00
64 YEARS	52	54	48	47	49	50	52	2	4.00
65 YEARS	43	49	44	45	45	46	46	0	.00
66 YEARS	44	44	42	42	41	43	31	-12	-27.91
67 YEARS	39	40	40	39	38	39	42	3	7.69
68 YEARS	35	37	39	36	35	36	37	1	2.78
69 YEARS	32	33	36	34	32	33	42	9	27.27
70 YEARS	28	29	33	32	29	30	31	1	3.33
71 YEARS	24	26	29	29	25	27	25	-2	-7.41
72 YEARS	21	24	25	27	25	24	23	-1	-4.17
73 YEARS	21	21	22	24	24	22	14	-8	-36.36
74 YEARS	21	19	20	27	23	21	22	1	4.76

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA

FEMALE POPULATION

(BASED ON AGES 5 TO 74)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHED	AVERAGE PERCENT DEVIATION UNWEIGHED
5	3.03	2.21
6	-1.64	-4.42
7	1.61	2.61
8	-8.02	-9.09
9	1.46	2.35
0	5.98	6.82
1	4.07	4.85
2	-2.51	-1.45
3	-2.41	-6.85
4	-1.13	-2.21

SUMMARY INDEX 15.82 20.43

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA

TOTAL POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING				AVERAGE VALUE	REPORTED VALUE	DIFFERENCE FROM AVERAGE	
	0-4,5-9	1-5,6-10	2-6,7-11	3-7,8-12			4-8,9-13	AMOUNT	PERCENT
5 YEARS	453	368	833	882	871	935	61	6.98
6 YEARS	846	847	864	875	863	816	-43	-5.01
7 YEARS	839	833	850	865	856	823	-26	-3.06
8 YEARS	837	826	840	857	851	838	-4	-4.8
9 YEARS	833	821	834	851	846	806	-32	-3.82
10 YEARS	841	821	829	845	842	865	29	3.47
11 YEARS	847	823	825	840	837	846	12	1.44
12 YEARS	849	826	823	834	832	872	39	4.68
13 YEARS	840	826	821	827	825	793	-35	-4.23
14 YEARS	826	822	816	821	817	827	7	.85
15 YEARS	812	812	808	816	809	771	-39	-4.81
16 YEARS	758	802	795	791	796	800	4	.50
17 YEARS	778	793	782	767	774	825	46	5.91
18 YEARS	748	773	771	744	746	719	-37	-4.89
19 YEARS	713	738	749	720	718	734	6	.82
20 YEARS	678	693	709	691	691	721	29	4.19
21 YEARS	642	649	660	658	659	672	18	2.75
22 YEARS	609	604	611	620	623	587	-26	-4.24
23 YEARS	573	564	561	587	584	561	-13	-2.26
24 YEARS	550	535	521	544	545	516	-23	-4.27
25 YEARS	522	513	498	511	505	529	19	3.73
26 YEARS	493	490	488	491	474	486	-1	-.21
27 YEARS	470	467	475	475	460	511	42	8.96
28 YEARS	456	449	464	455	457	399	-58	-12.69
29 YEARS	447	437	452	444	452	463	17	3.81
30 YEARS	438	429	438	432	451	413	-25	-5.71
31 YEARS	432	423	423	417	443	466	38	8.88
32 YEARS	420	418	410	404	423	415	0	.00
33 YEARS	400	410	398	393	396	408	9	2.26
34 YEARS	376	392	386	387	372	364	-18	-4.71
35 YEARS	353	370	369	370	346	360	-2	-.55
36 YEARS	329	350	352	357	331	368	24	6.98
37 YEARS	312	329	336	347	322	345	17	5.18
38 YEARS	307	313	319	325	321	257	-61	-19.18
39 YEARS	309	305	305	316	318	280	-31	-9.97
40 YEARS	369	301	295	302	317	368	43	14.10
41 YEARS	312	297	287	291	311	312	17	4.00
42 YEARS	309	294	279	281	298	321	29	9.93
43 YEARS	296	288	272	269	281	264	-17	-6.05

44 YEARS	277	277	266	251	265	258	-11	-4.09
45 YEARS	263	263	256	247	256	264	8	2.17
46 YEARS	243	250	250	245	244	218	-26	-10.66
47 YEARS	230	237	243	237	236	251	15	6.36
48 YEARS	225	227	236	232	230	222	-8	-3.46
49 YEARS	226	221	230	225	227	229	2	.88
50 YEARS	226	220	224	223	225	234	9	4.00
51 YEARS	226	218	219	217	221	216	-5	-2.26
52 YEARS	221	216	214	213	216	211	-5	-2.31
53 YEARS	210	211	209	206	208	216	8	3.85
54 YEARS	194	199	200	201	197	200	3	1.52
55 YEARS	178	183	191	197	185	184	-1	-.54
56 YEARS	162	169	178	182	172	181	9	5.23
57 YEARS	151	153	165	167	160	170	10	6.25
58 YEARS	144	141	152	156	149	115	-34	-22.82
59 YEARS	141	135	141	143	141	126	-15	-10.64
60 YEARS	138	132	132	131	134	138	4	2.99
61 YEARS	135	129	124	122	128	165	37	28.91
62 YEARS	130	127	116	115	122	123	1	.82
63 YEARS	121	120	108	107	114	102	-12	-10.53
64 YEARS	111	112	100	100	106	107	1	.94
65 YEARS	101	102	93	92	97	92	-5	-5.15
66 YEARS	91	92	87	86	89	80	-9	-10.11
67 YEARS	81	82	81	80	81	84	3	3.70
68 YEARS	74	74	76	74	74	80	6	8.11
69 YEARS	66	67	70	68	67	77	10	14.93
70 YEARS	58	61	64	62	61	55	-6	-9.84
71 YEARS	51	56	57	57	55	52	-3	-5.45
72 YEARS	45	50	51	52	49	50	1	2.04
73 YEARS	42	45	45	42	46	39	-6	-13.33
74 YEARS	41	42	41	43	42	41	-1	-2.38

NOTE: SPRAGUE MULTIPLIERS ARE USED.

End of 1980

MEASURE OF DIGITAL PREFERENCE TABLE ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AFRICAN SAMOA

TOTAL POPULATION

(BASED ON AGES 5 TO 74)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHTED	AVERAGE PERCENT DEVIATION UNWEIGHTED
5	1.33	.40
6	-1.40	-1.90
7	3.69	4.76
8	-6.54	-7.92
9	-1.56	-5.57
0	3.08	1.89
1	4.16	5.47
2	1.54	1.56
3	-2.69	-4.33
4	-1.72	-1.73

SUMMARY INDEX 14.08 15.25

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

1977

AMERICAN S AMOA 1977

CALCULATION OF AGE-ACCURACY INDEX

AGE	POPULATION		ANALYSIS OF AGE RATIOS			
	MALE	FEMALE	RATIO	MALE DEVIATION FROM 100	RATIO	FEMALE DEVIATION FROM 100
UNDER 5 YEARS	2750	2440	(X)	(X)	(X)	(X)
5 TO 9 YEARS	2470	2060	100.54	.54	95.67	-4.33
10 TO 14 YEARS	2150	1960	101.42	1.42	101.20	1.20
15 TO 19 YEARS	1740	1790	110.59	10.59	105.09	5.09
20 TO 24 YEARS	830	1360	74.55	-25.45	91.69	-8.31
25 TO 29 YEARS	720	1300	92.03	-7.97	108.94	8.94
30 TO 34 YEARS	910	920	107.48	7.48	91.09	-8.91
35 TO 39 YEARS	860	810	108.40	8.40	107.52	7.52
40 TO 44 YEARS	610	530	85.51	-14.49	85.95	-14.05
45 TO 49 YEARS	670	510	118.24	18.24	96.23	-3.77
50 TO 54 YEARS	420	550	89.36	-10.64	110.00	10.00
55 TO 59 YEARS	320	640	88.89	-11.11	104.76	4.76
60 TO 64 YEARS	340	270	121.43	21.43	92.05	-7.95
65 TO 69 YEARS	180	170	85.71	-14.29	94.44	-5.56
70 TO 74 YEARS	110	100	(X)	(X)	(X)	(X)
75 YEARS AND OVER	120	140	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE) (X) (X) 152.04 (X) 90.41 (X)
 MEAN (X) (X) 11.70 (X) 6.95 (X)

OVERALL AGE-ACCURACY INDEX = 9.32

THE AGE-RATIO IS $300 \cdot P(A) / (P(A-5) + P(A) + P(A+5))$.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 218-219.



CALCULATION OF U.N. AGE-SEX ACCURACY INDEX

POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	RATIO	MALE DEVIATION FROM 100	RATIO	FEMALE DEVIATION FROM 100
UNDER 5 YEARS	2750	2640	112.70	(X)	100.82	(X)	93.64	(X)
5 TO 9 YEARS	2470	2060	119.90	7.20	102.14	.82	101.82	-6.36
10 TO 14 YEARS	2150	1960	109.69	-10.21	116.78	2.14	107.83	1.82
15 TO 19 YEARS	1740	1790	97.21	-12.49	66.14	16.78	88.03	7.83
20 TO 24 YEARS	830	1360	61.03	-36.18	88.51	-33.86	114.04	-11.97
25 TO 29 YEARS	770	1300	59.23	-1.80	111.66	-11.49	87.20	14.04
30 TO 34 YEARS	910	920	98.91	39.68	113.16	11.66	111.72	-12.80
35 TO 39 YEARS	860	810	106.17	7.26	79.74	13.16	80.30	11.72
40 TO 44 YEARS	610	530	115.09	8.92	130.10	-20.26	94.44	-19.70
45 TO 49 YEARS	570	510	131.37	16.28	84.85	30.10	115.79	-5.56
50 TO 54 YEARS	420	550	76.36	-55.01	84.21	-15.15	107.32	15.79
55 TO 59 YEARS	320	440	72.73	-3.64	136.00	-15.79	88.52	7.32
60 TO 64 YEARS	340	270	125.93	53.20	80.00	36.00	91.89	-11.68
65 TO 69 YEARS	180	170	105.88	-20.04	(X)	-20.00	(X)	-8.11
70 TO 74 YEARS	110	100	110.00	4.12	(X)	(X)	(X)	(X)
75 YEARS AND OVER	120	140	85.71	(X)	(X)	(X)	(X)	(X)
TOTAL (ABS. VALUE)	(X)	(X)	(X)	276.02	(X)	227.21	(X)	134.49
MEAN	(X)	(X)	(X)	19.72	(X)	17.48	(X)	10.35

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS

THE AGE RATIO IS $200 \cdot P(A) / (P(A-5) + P(A+5))$.

NOTE: U.N. GUIDELINES DESCRIBE CENSUS DATA AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE U.N. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.

REFERENCES: UNITED NATIONS, "METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES," MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.

SMRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 221-223.



AMERICAN SAMOA, 1977

AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	2750	8.99	2440	7.97	112.70
5-9	2470	8.07	2060	6.73	119.90
10-14	2150	7.03	1960	6.41	109.69
15-19	1740	5.69	1790	5.85	97.21
20-24	830	2.71	1360	4.44	61.03
25-29	770	2.52	1300	4.25	59.23
30-34	910	2.97	920	3.01	98.91
35-39	860	2.81	810	2.65	106.17
40-44	610	1.99	530	1.73	115.09
45-49	670	2.19	510	1.67	131.37
50-54	420	1.37	550	1.80	76.36
55-59	320	1.05	440	1.44	72.73
60-64	340	1.11	270	.88	125.93
65-69	180	.59	170	.56	103.88
70-74	110	.36	100	.33	110.00
75+	120	.39	140	.46	85.71
TOTAL	15250	49.84	15350	50.16	99.35

TOTAL POPULATION = 30600



End of 1977

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION				ANALYSIS OF SEX RATIOS				ANALYSIS OF AGE RATIOS				DEVIATION FROM 100
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	GROUP TOTAL	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	GROUP TOTAL	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	
UNDER 5 YEARS	2750	2440	112.70	(X)	5220	5220	94.64	(X)	4500	4500	91.56	(X)	-8.44
5 TO 9 YEARS	2470	2060	119.90	7.20	4620	4620	93.07	-5.36	4020	4020	97.51	-2.49	
10 TO 14 YEARS	2150	1960	109.69	-10.21	3890	3890	89.46	-6.93	3750	3750	95.47	-4.53	
15 TO 19 YEARS	1740	1790	97.21	-12.49	2570	2570	64.59	-10.54	3150	3150	86.35	-13.65	
20 TO 24 YEARS	830	1360	61.03	-36.18	1600	1600	96.25	-35.41	2660	2660	97.74	-2.26	
25 TO 29 YEARS	770	1300	59.23	-1.80	1680	1680	108.33	-3.75	2220	2220	82.88	-17.12	
30 TO 34 YEARS	910	920	98.91	39.68	1770	1770	97.18	8.33	1730	1730	93.64	-6.36	
35 TO 39 YEARS	860	810	106.17	7.26	1470	1470	82.99	-2.82	1340	1340	79.10	-20.90	
40 TO 44 YEARS	610	530	115.09	8.92	1280	1280	104.69	-17.01	1040	1040	98.08	-1.92	
45 TO 49 YEARS	670	510	131.37	16.28	1090	1090	77.06	4.69	1060	1060	103.77	3.77	
50 TO 54 YEARS	420	550	76.36	-55.01	740	740	86.49	-22.94	990	990	88.89	-11.11	
55 TO 59 YEARS	320	440	72.73	-3.64	660	660	103.03	-13.51	710	710	76.06	-23.94	
60 TO 64 YEARS	340	270	125.93	53.20	520	520	69.23	3.03	440	440	77.27	-22.73	
65 TO 69 YEARS	180	170	105.88	-20.04	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
70 TO 74 YEARS	110	100	110.00	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
75 YEARS AND OVER	120	140	85.71	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
TOTAL (ABS. VAL.)	15250	15350	(X)	271.90	(X)	(X)	(X)	165.09	(X)	(X)	(X)	(X)	139.22

RATIOS:
 RI = 116.00 = INITIAL PAIRED SEX RATIO
 RT = 118.18 = TERMINAL PAIRED SEX RATIO
 RHM = 105.36 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 6.90 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHE = 108.44 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 7.56 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES:
 I = 20.75 = SEX-RATIO INDEX
 = 1/13 X SUM OF DIFFERENCES MINUS ABS(RI-RT)
 IIM = 1.59 = AGE-RATIO INDEX (MALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHM-100+RFM-RFM)
 IIF = 1.27 = AGE-RATIO INDEX (FEMALE)
 = SUM OF DEVIATIONS DIVIDED BY (RMF-100+RHF-RFF)

GROUPED ACCURACY INDEX = I + IIM + IIF = 42.01

NOTE: CENSUS DATA ARE DESCRIBED AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 15, OR OVER 15.

REFERENCE: AJIT DAS GUPTA, "ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS," "PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954 (ROME)," UNITED NATIONS, VOL. IV, 1955, PP. 63-74.



1974

SINGLE YEAR OF AGE DATA FOR:

AMERICAN SAMOA 1974

479	475	483	482	461	512	504	446	470	470
436	400	408	402	380	372	339	322	244	228
213	183	195	177	183	193	210	203	209	191
203	210	215	164	177	166	171	179	151	160
148	135	136	121	133	104	135	102	120	107
106	88	85	64	88	92	112	73	57	84
59	53	52	39	45	21	34	42	34	38
27	16	23	21	26	66	16747			
483	396	476	464	461	443	428	426	424	422
406	390	354	373	362	359	332	315	339	296
285	291	255	257	248	246	213	226	204	176
201	160	169	123	156	153	160	145	132	115
134	106	130	111	125	135	144	106	109	98
103	83	83	60	97	77	75	73	51	60
52	44	57	35	47	24	30	30	27	25
30	19	17	21	37	110	14443			

CHECK SUM ERROR --

14692

14747

CHECK SUM ERROR --

14411

14443

CALCULATION OF AGE-ACCURACY INDEX

POPULATION ANALYSIS OF AGE RATIOS

AGE	POPULATION		MALE		FEMALE		MALE		FEMALE	
	MALE	FEMALE	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	2380	2260	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
5 TO 9 YEARS	2402	2143	105.85	5.85	102.24	2.24	102.24	2.24	102.24	2.24
10 TO 14 YEARS	2026	1885	102.44	2.44	99.75	-2.25	99.75	-2.25	99.75	-2.25
15 TO 19 YEARS	1505	1641	100.74	.74	101.25	1.25	101.25	1.25	101.25	1.25
20 TO 24 YEARS	951	1336	82.41	-17.59	99.16	-0.84	99.16	-0.84	99.16	-0.84
25 TO 29 YEARS	1006	1065	103.85	3.85	99.53	-0.47	99.53	-0.47	99.53	-0.47
30 TO 34 YEARS	949	809	103.83	3.83	94.11	-5.89	94.11	-5.89	94.11	-5.89
35 TO 39 YEARS	787	705	98.01	-1.99	99.67	-0.33	99.67	-0.33	99.67	-0.33
40 TO 44 YEARS	673	608	99.56	-0.44	95.75	-4.25	95.75	-4.25	95.75	-4.25
45 TO 49 YEARS	568	592	101.91	1.91	109.23	9.23	109.23	9.23	109.23	9.23
50 TO 54 YEARS	431	426	91.25	-8.75	94.39	-5.61	94.39	-5.61	94.39	-5.61
55 TO 59 YEARS	418	336	114.31	14.31	101.10	1.10	101.10	1.10	101.10	1.10
60 TO 64 YEARS	248	235	89.10	-10.90	99.72	-0.28	99.72	-0.28	99.72	-0.28
65 TO 69 YEARS	169	136	95.66	-4.34	82.42	-17.58	82.42	-17.58	82.42	-17.58
70 TO 74 YEARS	113	124	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
75 YEARS AND OVER	66	110	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE) (X) 76.95 (X) 49.33
 MEAN (X) (X) 5.92 (X) 3.79

OVERALL AGE-ACCURACY INDEX = 4.86

THE AGE-RATIO IS $300 \cdot P(A) / (P(A-5) + P(A) + P(A+5))$.

REFERENCE: SHROCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1920 (FOURTH PRINTING), PP. 218-219.

141697
 141481
 29107

CALCULATION OF U.N. AGE-SEX ACCURACY INDEX

POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	RATIO	MALE DEVIATION FROM 100	RATIO	FEMALE DEVIATION FROM 100
UNDER 5 YEARS	2380	2260	105.31	(X)	109.03	9.03	103.40	3.40
5 TO 9 YEARS	2402	2143	112.09	6.78	103.71	3.71	99.63	-3.7
10 TO 14 YEARS	2026	1885	107.48	-4.61	101.11	1.11	101.89	1.89
15 TO 19 YEARS	1505	1641	91.71	-15.77	75.75	-24.25	98.74	-1.26
20 TO 24 YEARS	951	1336	71.18	-20.53	105.89	5.89	99.30	-0.70
25 TO 29 YEARS	1006	1065	94.46	23.28	105.84	5.84	91.41	-8.59
30 TO 34 YEARS	949	809	117.31	22.85	97.04	-2.96	99.51	-0.49
35 TO 39 YEARS	787	705	111.63	-5.67	99.34	-0.66	93.75	-6.25
40 TO 44 YEARS	673	608	110.69	-9.4	102.90	2.90	114.51	14.51
45 TO 49 YEARS	568	592	95.95	-14.74	87.42	-12.58	91.81	-8.19
50 TO 54 YEARS	431	426	101.17	5.23	123.12	23.12	101.66	1.66
55 TO 59 YEARS	418	336	124.40	23.23	84.50	-15.50	99.58	-0.42
60 TO 64 YEARS	248	235	105.53	-18.87	93.63	-6.37	75.77	-24.23
65 TO 69 YEARS	169	136	124.26	18.73	(X)	(X)	(X)	(X)
70 TO 74 YEARS	113	124	91.13	-33.14	(X)	(X)	(X)	(X)
75 YEARS AND OVER	66	110	60.00	(X)	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE)	(X)	(X)	(X)	214.36	(X)	113.95	(X)	71.97
MEAN	(X)	(X)	(X)	15.31	(X)	8.77	(X)	5.54

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS

THE AGE RATIO IS $200 \cdot P(A) / (P(A-5) + P(A+5))$.

NOTE: U.N. GUIDELINES DESCRIBE CENSUS DATA AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE U.N. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.

REFERENCES: UNITED NATIONS, "METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES," MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.

S HRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 221-223.

AMERICAN SAMOA, 1974

AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	2380	8.18	2260	7.77	105.31
5-9	2402	8.25	2143	7.36	112.09
10-14	2026	6.96	1885	6.48	107.48
15-19	1505	5.17	1641	5.64	91.71
20-24	951	3.27	1336	4.59	71.18
25-29	1006	3.46	1065	3.66	94.66
30-34	949	3.26	809	2.78	117.31
35-39	787	2.70	705	2.42	111.63
40-44	673	2.31	608	2.09	110.69
45-49	568	1.95	592	2.03	95.95
50-54	431	1.48	426	1.46	101.17
55-59	418	1.44	376	1.15	124.40
60-64	248	.85	235	.81	105.53
65-69	165	.58	136	.47	124.26
70-74	113	.39	124	.43	91.13
75+	66	.23	110	.38	60.00
TOTAL	14692	50.48	14411	49.52	101.95

TOTAL POPULATION = 29103

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION				ANALYSIS OF SEX RATIOS				ANALYSIS OF AGE RATIOS				DEVIATION FROM 100	
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	GROUP TOTAL	PAIRED AGE	MALE	FEMALE	RATIO	DEVIATION FROM 100	GROUP TOTAL	PAIRED AGE		FEMALE	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	2380	2240	105.31	(X)	4782	(X)	100.46	(X)	4403	(X)	97.34	(X)	-2.66	
5 TO 9 YEARS	2402	2143	112.09	6.78	4428	4028	91.51	-8.49	4028	4028	93.59	93.59	-6.41	
10 TO 14 YEARS	2026	1885	107.48	-4.61	3531	3531	85.24	-14.76	3526	3526	89.75	89.75	-10.25	
15 TO 19 YEARS	1505	1641	91.71	-15.77	2456	2456	102.81	2.81	2401	2401	86.34	86.34	-13.66	
20 TO 24 YEARS	951	1336	71.18	-20.53	1957	1957	97.08	-2.92	1874	1874	93.13	93.13	-6.87	
25 TO 29 YEARS	1006	1065	94.46	23.28	1736	1736	90.67	-9.33	1514	1514	92.61	92.61	-7.39	
30 TO 34 YEARS	949	809	117.31	22.85	1460	1460	92.19	-7.81	1313	1313	98.67	98.67	-1.33	
35 TO 39 YEARS	787	705	111.63	-5.67	1241	1241	91.54	-8.46	1200	1200	83.69	83.69	-16.31	
40 TO 44 YEARS	673	608	110.69	-94	999	999	86.29	-13.71	1018	1018	88.19	88.19	-11.81	
45 TO 49 YEARS	568	592	95.95	-14.74	849	849	98.47	-1.53	762	762	82.31	82.31	-17.69	
50 TO 54 YEARS	431	426	101.17	5.23	666	666	74.47	-25.53	571	571	73.32	73.32	-26.68	
55 TO 59 YEARS	418	336	124.40	23.23	417	417	81.06	-18.94	371	371	(X)	(X)	(X)	
60 TO 64 YEARS	248	235	105.53	-18.87	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
65 TO 69 YEARS	169	136	124.26	18.73	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
70 TO 74 YEARS	113	124	91.13	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
75 YEARS AND OVER	66	110	60.00	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
TOTAL (ABS. VAL.)	14692	14411	(X)	181.23	(X)	(X)	(X)	137.31	(X)	(X)	(X)	(X)	139.25	

RATIOS: RI = 108.61 = INITIAL PAIRED SEX RATIO
 RT = 112.40 = TERMINAL PAIRED SEX RATIO
 RHM = 100.46 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 7.07 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHE = 102.46 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 6.18 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES: I = 13.65 = SEX-RATIO INDEX
 = 1/13 X SUM OF DIFFERENCES MINUS ABS(RI-RT)
 IIM = 1.46 = AGE-RATIO INDEX (MALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHM-100)*(RHM-RFM)
 IIF = 1.40 = AGE-RATIO INDEX (FEMALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHF-100)*(RHF-RFF)

GROUPED ACCURACY INDEX = I * IIM * IIF = 28.05

NOTE: CENSUS DATA ARE DESCRIBED AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 15, OR OVER 15.

REFERENCE: AJIT DAS GUPTA, "ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS," "PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954 (ROME)," UNITED NATIONS, VOL. IV, 1955, PP. 63-74.

CALCULATION OF PREFERENCE INDEXES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1974

MALE POPULATION

(AGE RANGE COVERED IS (TO 68.)

TERMINAL DIGIT 'A'	POPULATION WITH TERMINAL DIGIT 'A'	WEIGHTS FOR:	BLENDING POPULATION	DEVIATION OF PERCENT FROM 10.000		
STARTING WITH 0	STARTING WITH 10	COL.1	COL.2	NUMBER	PERCENT	
0	1644	1	9	12129	9.850	-.150
1	1544	2	8	11640	9.453	-.547
2	1574	3	7	12359	10.037	.037
3	1429	4	6	11398	9.256	-.744
4	1467	5	5	12365	10.041	.041
5	1440	6	4	12352	10.031	.031
6	1505	7	3	13538	10.994	.994
7	1367	8	2	12778	10.377	.377
8	1285	9	1	12380	10.054	.054
9	1220	10	0	12200	9.908	-.092
TOTAL	14475	(X)	(X)	123139	100.000	3.067

SUMMARY INDEX OF AGE PREFERENCE = 1.534

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SJEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 206-208.

CALCULATION OF PREFERENCE INDEXES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1974

FEMALE POPULATION

(AGE RANGE COVERED IS (TO 68.)

TERMINAL DIGIT "A"	POPULATION WITH TERMINAL DIGIT "A" STARTING WITH 0	WEIGHTS FOR: COL.1	COL.2	NUMBER	BLENDED POPULATION PERCENT	DEVIATION OF PERCENT FROM 10.000
0	1666	1	9	12313	10.145	.145
1	1470	2	8	11532	9.501	-.499
2	1524	3	7	11908	9.811	-.189
3	1403	4	6	11366	9.365	-.635
4	1496	5	5	12655	10.427	.427
5	1437	6	4	12598	10.380	.380
6	1382	7	3	12536	10.329	.329
7	1321	8	2	12358	10.182	.182
8	1286	9	1	12436	10.246	.246
9	1167	10	0	11670	9.615	-.385
TOTAL	14152	(X)	(X)	121372	100.000	3.416

SUMMARY INDEX OF AGE PREFERENCE = 1.708

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 206-208.

CALCULATION OF PREFERENCE INDEXES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1974

TOTAL POPULATION

(AGE RANGE COVERED IS (TO 68.)

TERMINAL DIGIT "A"	POPULATION WITH TERMINAL DIGIT "A"	WEIGHTS FOR:	BLENDED POPULATION	DEVIATION OF PERCENT FROM 10.000
STARTING WITH 0	STARTING WITH 10	COL.1 COL.2	NUMBER PERCENT	
0	3310	1 9	24442 9.996	-.004
1	3014	2 8	23172 9.477	-.523
2	3098	3 7	24267 9.925	-.075
3	2832	4 6	22764 9.310	-.690
4	2963	5 5	25020 10.233	.233
5	2877	6 4	24950 10.204	.204
6	2887	7 3	26074 10.664	.664
7	2688	8 2	25736 10.280	.280
8	2571	9 1	24816 10.149	.149
9	2387	10 0	23870 9.762	-.238
TOTAL	28627	(X) (X)	244511 100.000	3.060

SUMMARY INDEX OF AGE PREFERENCE = 1.530

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 206-208.

WHIPPLE'S INDEX OF DIGITAL PREFERENCE -- AMERICAN SAMOA 1974

TERMINAL DIGIT AGE RANGE FOR INDEX POPULATION IN RANGE POPULATION AT TERMINAL DIGIT INDEX VALUE DEVIATION FROM 100.

TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
3	18 TO 57	6114	506	82.76	-17.24
4	19 TO 58	5927	581	98.03	-1.57
5	20 TO 59	5783	535	92.51	-7.49
6	21 TO 60	5629	628	111.57	11.57
7	22 TO 61	5499	557	101.29	1.29
8	23 TO 62	5356	537	100.26	.26
9	24 TO 63	5218	522	100.04	.04
0	25 TO 64	5080	516	101.57	1.57
1	26 TO 65	4908	486	99.02	-0.98
2	27 TO 66	4732	488	103.13	3.13

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 22.77
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 98.11

TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
3	18 TO 57	6401	551	86.08	-13.92
4	19 TO 58	6113	626	102.40	2.40
5	20 TO 59	5877	611	103.96	3.96
6	21 TO 60	5644	592	104.89	4.89
7	22 TO 61	5397	550	101.91	1.91
8	23 TO 62	5199	496	95.40	-4.60
9	24 TO 63	4977	449	90.21	-9.79
0	25 TO 64	4776	492	103.02	3.02
1	26 TO 65	4554	393	86.30	-13.70
2	27 TO 66	4371	439	100.43	.43

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 29.31
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 106.08

TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
3	18 TO 57	12515	1057	84.46	-15.54
4	19 TO 58	12040	1207	100.23	.23
5	20 TO 59	11660	1146	98.28	-1.72
6	21 TO 60	11273	1220	108.22	8.22
7	22 TO 61	10896	1107	101.60	1.60
8	23 TO 62	10555	1033	97.87	-2.13
9	24 TO 63	10195	971	95.24	-4.76
0	25 TO 64	9856	1008	102.27	2.27
1	26 TO 65	9462	879	92.90	-7.10
2	27 TO 66	9103	927	101.83	1.83

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 22.71
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 102.04

ENDING AGE FOR INTERPOLATION, 74, IS TOO HIGH.
END WILL BE AGE 71.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA 1974

MALE POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING				AVERAGE VALUE	REPORTED VALUE	DIFFERENCE FROM AVERAGE	
	0-4,5-9	1-5,6-0	2-6,7-1	3-7,8-2			4-8,9-3	AMOUNT	PERCENT
5 YEARS	495	485	477	481	487	512	27	5.57
6 YEARS	491	481	469	472	479	504	26	5.44
7 YEARS	484	476	461	464	472	471	-25	-5.31
8 YEARS	473	467	453	456	462	470	8	1.73
9 YEARS	459	457	446	447	451	470	18	3.98
10 YEARS	443	445	436	439	438	436	-4	-.91
11 YEARS	425	431	426	427	425	400	-27	-6.32
12 YEARS	406	416	416	415	409	408	-4	-.97
13 YEARS	386	397	407	403	393	402	5	1.26
14 YEARS	366	373	391	393	376	380	0	.00
15 YEARS	346	345	362	375	360	372	14	3.91
16 YEARS	327	315	325	342	338	339	9	2.73
17 YEARS	305	292	290	302	309	322	22	7.33
18 YEARS	278	267	255	264	274	244	-24	-8.96
19 YEARS	249	244	228	225	241	228	-9	-3.80
20 YEARS	222	225	212	198	207	213	0	.00
21 YEARS	194	206	205	187	183	183	-12	-6.15
22 YEARS	177	187	198	189	179	195	9	4.84
23 YEARS	175	175	190	189	186	177	-6	-3.28
24 YEARS	183	177	187	190	192	183	-3	-1.61
25 YEARS	191	186	189	192	199	193	2	1.05
26 YEARS	201	194	194	196	203	210	12	6.06
27 YEARS	207	205	200	199	204	203	0	.00
28 YEARS	206	212	207	204	200	209	3	1.46
29 YEARS	201	207	210	211	198	191	-14	-6.83
30 YEARS	198	198	205	214	197	203	1	.50
31 YEARS	196	190	194	206	194	210	14	7.14
32 YEARS	191	183	185	193	190	215	27	14.36
33 YEARS	186	177	176	182	184	144	-37	-20.44
34 YEARS	178	172	168	169	177	177	4	2.31
35 YEARS	171	170	163	160	171	146	-21	-12.57
36 YEARS	163	167	161	154	166	171	9	5.56
37 YEARS	155	164	158	152	158	179	22	14.01
38 YEARS	151	160	155	149	152	151	-2	-1.31
39 YEARS	147	153	152	147	146	140	-9	-6.04
40 YEARS	143	145	147	143	140	148	4	2.78
41 YEARS	139	137	141	138	134	135	-3	-2.17
42 YEARS	135	129	136	133	131	136	3	2.26
43 YEARS	130	123	130	128	129	121	-7	-5.47

44 YEARS	126	120	125	123	126	124	133	9	7.26
45 YEARS	123	120	121	118	125	121	104	-17	-14.05
46 YEARS	120	117	115	115	121	119	135	16	13.45
47 YEARS	114	120	112	111	115	114	102	-12	-10.53
48 YEARS	109	117	108	108	107	110	120	10	9.09
49 YEARS	102	111	104	104	100	104	107	3	2.88
50 YEARS	95	102	101	101	92	98	106	8	8.16
51 YEARS	87	94	98	98	86	93	88	-5	-5.38
52 YEARS	82	85	95	95	85	88	85	-3	-3.41
53 YEARS	82	80	92	93	87	87	64	-23	-26.44
54 YEARS	85	78	89	90	87	86	88	2	2.33
55 YEARS	86	80	85	87	89	85	92	7	8.24
56 YEARS	89	81	80	82	87	84	112	28	33.33
57 YEARS	85	83	75	77	83	81	73	-8	-9.88
58 YEARS	82	82	71	72	76	77	57	-20	-25.97
59 YEARS	72	75	67	67	69	70	84	14	20.00
60 YEARS	63	64	60	60	63	62	59	-3	-4.64
61 YEARS	54	56	53	56	57	55	53	-2	-3.64
62 YEARS	47	48	48	50	51	49	52	3	6.12
63 YEARS	43	40	42	45	47	43	39	-4	-9.30
64 YEARS	41	35	37	40	43	39	45	6	15.38
65 YEARS	36	31	33	35	38	35	21	-14	-40.00
66 YEARS	36	28	31	32	35	32	34	2	6.25
67 YEARS	33	29	29	29	31	30	42	12	40.00
68 YEARS	32	32	28	27	29	30	34	4	13.33
69 YEARS	30	38	29	26	27	30	38	8	26.67
70 YEARS	28	42	33	26	25	32	27	-5	-15.63

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA 1974

MALE POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHTED	AVERAGE PERCENT DEVIATION UNWEIGHTED
5	-.14	-6.84
6	7.27	10.40
7	.81	5.09
8	-1.61	-1.52
9	.88	5.27
0	.08	-1.42
1	-3.17	-2.75
2	3.31	3.87
3	-7.07	-10.61
4	1.82	4.28
SUMMARY INDEX	13.08	26.02

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA 1974

FEMALE POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING				AVERAGE VALUE	REPORTED VALUE	DIFFERENCE FROM AVERAGE	
	0-4,5-9	1-5,6-0	2-6,7-1	3-7,8-2			AMOUNT	PERCENT
5 YEARS	445	442	448	440	444	443	-1	-.23
6 YEARS	438	437	441	434	437	428	-9	-2.06
7 YEARS	430	431	434	426	429	426	-3	-.70
8 YEARS	420	422	425	418	420	424	4	.95
9 YEARS	410	413	414	409	411	422	11	2.68
10 YEARS	399	403	403	399	400	406	6	1.50
11 YEARS	387	391	392	390	390	390	0	.00
12 YEARS	375	379	380	380	379	354	-25	-6.60
13 YEARS	366	366	366	370	368	373	5	1.36
14 YEARS	358	356	355	359	358	362	4	1.12
15 YEARS	349	346	344	348	348	359	11	3.16
16 YEARS	340	335	335	337	338	332	-6	-1.78
17 YEARS	329	324	326	327	327	315	-12	-3.67
18 YEARS	318	313	317	315	316	339	23	7.28
19 YEARS	305	303	307	304	304	296	-8	-2.63
20 YEARS	292	292	295	294	292	285	-7	-2.40
21 YEARS	279	281	281	282	280	291	11	3.93
22 YEARS	265	271	268	271	268	255	-13	-4.85
23 YEARS	255	260	255	260	257	257	0	.00
24 YEARS	245	248	242	250	247	248	1	.40
25 YEARS	234	237	232	239	236	246	10	4.24
26 YEARS	224	226	222	227	226	213	-13	-5.75
27 YEARS	215	216	212	214	215	226	11	5.12
28 YEARS	202	204	203	202	202	204	2	.99
29 YEARS	190	193	193	190	190	176	-14	-7.37
30 YEARS	179	181	184	181	179	201	22	12.29
31 YEARS	168	169	175	172	169	160	-9	-5.33
32 YEARS	159	157	167	165	161	169	8	4.97
33 YEARS	153	148	159	159	155	123	-32	-20.65
34 YEARS	150	144	151	153	151	156	5	3.31
35 YEARS	147	143	145	148	148	153	5	3.38
36 YEARS	145	141	139	142	144	160	16	11.11
37 YEARS	143	141	133	135	140	145	5	3.57
38 YEARS	138	139	127	130	134	132	-2	-1.49
39 YEARS	132	136	123	124	129	115	-14	-10.85
40 YEARS	127	131	124	121	124	136	12	9.68
41 YEARS	122	127	127	121	123	106	-17	-13.82
42 YEARS	119	123	130	123	122	130	8	6.56
43 YEARS	119	120	133	126	124	111	-13	-10.48

44 YEARS	121	119	133	128	125	125	125	0	.00
45 YEARS	122	118	129	129	130	126	135	9	7.14
46 YEARS	124	118	120	123	130	127	144	21	17.57
47 YEARS	123	118	113	115	123	118	106	-12	-10.17
48 YEARS	116	114	105	108	111	111	109	-2	-1.80
49 YEARS	107	109	98	100	101	103	98	-5	-4.85
50 YEARS	99	101	93	92	89	95	103	8	8.42
51 YEARS	90	93	90	89	80	88	83	-5	-5.68
52 YEARS	83	84	87	87	78	84	83	-1	-1.19
53 YEARS	78	78	83	84	79	80	60	-20	-25.00
54 YEARS	76	74	79	81	79	78	97	19	24.36
55 YEARS	74	71	74	77	79	75	77	2	2.67
56 YEARS	71	69	77	73	72	72	75	3	4.17
57 YEARS	68	66	65	67	72	68	73	5	7.35
58 YEARS	64	63	60	62	66	63	51	-12	-19.05
59 YEARS	59	59	55	57	60	58	60	2	3.45
60 YEARS	55	54	52	53	54	54	52	-2	-3.70
61 YEARS	52	49	48	48	49	49	44	-5	-10.20
62 YEARS	47	45	45	44	44	45	57	12	26.67
63 YEARS	43	42	41	40	41	41	35	-6	-14.63
64 YEARS	38	37	38	36	38	37	47	10	27.03
65 YEARS	34	34	36	33	34	34	24	-10	-29.41
66 YEARS	30	31	33	30	31	31	30	-1	-3.23
67 YEARS	26	29	30	27	29	28	30	2	7.14
68 YEARS	24	28	28	25	26	26	27	1	3.85
69 YEARS	22	27	27	24	25	25	25	0	.00
70 YEARS	21	27	24	23	23	24	30	6	25.00

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA 1974

FEMALE POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHED	AVERAGE PERCENT DEVIATION UNWEIGHED
5	1.84	-1.29
6	.80	2.79
7	-.30	1.23
8	1.10	-1.32
9	-2.30	-2.80
0	3.85	7.26
1	-2.27	-5.18
2	-1.04	4.26
3	-6.44	-11.57
4	3.92	9.37
SUMMARY INDEX	11.93	23.54

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA 1974

TOTAL POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING										AVERAGE VALUE	REPORTED VALUE	DIFFERENCE AMOUNT	DIFFERENCE FROM AVERAGE PERCENT
	0-4	5-9	1-5	6-0	2-6	7-1	3-7	8-2	4-8	9-3				
5 YEARS	560	927	925	921	933	929	955	26	2.80					
6 YEARS	929	919	910	906	916	916	932	16	1.75					
7 YEARS	913	906	895	890	897	900	872	-28	-3.11					
8 YEARS	893	890	878	875	878	882	894	12	1.36					
9 YEARS	870	870	859	856	858	863	892	29	3.36					
10 YEARS	842	847	840	839	836	841	842	1	.12					
11 YEARS	812	822	818	817	813	816	790	-26	-3.19					
12 YEARS	781	795	796	795	790	791	762	-29	-3.67					
13 YEARS	752	763	774	775	764	765	775	10	1.31					
14 YEARS	724	729	744	752	738	737	742	5	.68					
15 YEARS	695	691	706	723	714	706	731	25	3.54					
16 YEARS	667	653	661	679	683	669	671	2	.30					
17 YEARS	634	616	617	629	639	627	637	10	1.59					
18 YEARS	596	580	572	580	590	584	583	-1	-.17					
19 YEARS	554	547	534	530	543	542	524	-18	-3.32					
20 YEARS	514	517	507	490	494	504	498	-6	-1.19					
21 YEARS	473	487	486	469	458	475	474	-1	-.21					
22 YEARS	442	457	466	460	443	454	450	-4	-.88					
23 YEARS	430	436	445	449	442	440	434	-6	-1.36					
24 YEARS	428	425	429	440	439	432	431	-1	-.23					
25 YEARS	425	423	421	431	439	428	439	11	2.57					
26 YEARS	425	421	416	422	435	424	423	-1	-.24					
27 YEARS	420	421	412	414	421	418	429	11	2.63					
28 YEARS	409	415	410	407	401	408	413	5	1.23					
29 YEARS	392	400	403	402	384	396	367	-29	-7.32					
30 YEARS	377	379	389	392	368	381	404	23	6.04					
31 YEARS	363	359	369	378	355	365	370	5	1.37					
32 YEARS	351	340	352	359	346	350	384	34	9.71					
33 YEARS	339	325	334	341	339	336	267	-69	-20.54					
34 YEARS	328	316	320	323	332	324	333	9	2.78					
35 YEARS	318	313	308	306	326	314	299	-15	-4.78					
36 YEARS	308	308	300	296	318	306	331	25	8.17					
37 YEARS	298	305	291	288	305	297	324	27	9.09					
38 YEARS	289	299	282	279	289	288	283	-5	-1.74					
39 YEARS	279	289	275	271	275	278	255	-23	-8.27					
40 YEARS	270	276	271	264	259	268	284	16	5.97					
41 YEARS	261	264	268	259	249	260	241	-19	-7.31					
42 YEARS	254	252	265	256	246	255	266	11	4.31					
43 YEARS	249	243	264	253	249	252	232	-20	-7.94					

44 YEARS	247	239	259	251	251	249	258	9	3.61
45 YEARS	245	238	249	248	254	247	239	-8	-3.24
46 YEARS	243	237	237	238	252	241	279	38	15.77
47 YEARS	238	237	225	226	238	233	208	-25	-10.73
48 YEARS	225	233	213	215	218	221	229	8	3.62
49 YEARS	209	220	202	204	200	207	205	-2	-.97
50 YEARS	194	203	194	194	181	193	209	16	8.29
51 YEARS	177	187	188	187	168	181	171	-10	-5.52
52 YEARS	164	170	182	182	163	172	168	-4	-2.33
53 YEARS	161	157	175	177	165	167	124	-43	-25.75
54 YEARS	161	152	168	171	166	164	185	21	12.80
55 YEARS	160	151	159	164	167	160	169	9	5.63
56 YEARS	160	150	149	155	165	156	187	31	19.87
57 YEARS	156	149	140	144	155	149	146	-3	-2.01
58 YEARS	146	145	131	134	142	140	108	-32	-22.86
59 YEARS	132	134	121	124	129	128	144	16	12.50
60 YEARS	119	118	112	113	117	116	111	-5	-4.31
61 YEARS	106	105	102	104	105	104	97	-7	-6.73
62 YEARS	93	93	92	94	96	94	109	15	15.96
63 YEARS	86	82	84	85	88	85	74	-11	-12.94
64 YEARS	79	72	76	76	80	77	92	15	19.48
65 YEARS	72	65	69	68	73	69	45	-24	-34.78
66 YEARS	66	60	63	62	66	63	64	1	1.59
67 YEARS	59	58	59	56	60	58	72	14	24.14
68 YEARS	56	59	56	52	55	56	61	5	8.93
69 YEARS	52	55	56	50	51	55	63	8	14.55
70 YEARS	49	75	57	49	48	56	57	1	1.79

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA 1974

TOTAL POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHED	AVERAGE PERCENT DEVIATION UNWEIGHED
5	.84	-4.04
6	4.04	6.74
7	.22	3.09
8	-.31	-1.38
9	-.77	1.50
0	1.95	2.39
1	-2.64	-3.60
2	1.09	3.85
3	-6.80	-11.20
4	2.92	6.52
SUMMARY INDEX	10.79	22.15

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

SINGLE YEAR OF AGE DATA FOR:

AMERICAN SAMOA 1974 SAMOANS ONLY

411	385	421	396	388	424	430	373	409	411
385	345	368	346	333	317	305	294	217	208
190	160	177	150	152	168	167	157	166	147
148	162	161	110	138	116	145	132	116	105
110	102	105	102	102	85	110	82	108	80
89	75	71	51	71	74	92	64	45	73
47	44	35	34	41	16	28	40	32	33
24	13	17	17	24	59	12371			
403	319	404	364	369	380	352	362	360	367
359	352	304	327	316	327	293	281	354	266
251	267	232	223	210	212	179	182	169	142
160	119	140	95	127	131	140	125	114	92
116	85	118	100	114	122	125	90	101	84
90	72	65	53	87	74	66	64	41	57
44	41	49	31	41	21	25	24	23	20
29	13	14	19	31	101	12395			

CHECK SUM ERROR -- 12328 12371

AMERICAN SAMOA 1974 SAMOANS ONLY

CALCULATION OF AGE-ACCURACY INDEX

POPULATION ANALYSIS OF AGE RATIOS

AGE	MALE		FEMALE		MALE		FEMALE	
	MALE	FEMALE	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	2001	1859	(X)	(X)	(X)	(X)	(X)	(X)
5 TO 9 YEARS	2047	1821	105.42	5.42	102.34	2.34	102.34	2.34
10 TO 14 YEARS	1777	1654	103.21	3.21	100.48	.48	100.48	.48
15 TO 19 YEARS	1341	1471	101.93	1.93	102.34	2.34	102.34	2.34
20 TO 24 YEARS	829	1183	83.60	-16.40	100.31	.31	100.31	.31
25 TO 29 YEARS	805	884	102.63	2.63	97.93	-2.07	97.93	-2.07
30 TO 34 YEARS	719	641	100.89	.89	90.41	-9.59	90.41	-9.59
35 TO 39 YEARS	614	602	99.35	-.65	101.69	1.69	101.69	1.69
40 TO 44 YEARS	521	533	97.69	-2.31	96.50	-3.50	96.50	-3.50
45 TO 49 YEARS	465	522	103.87	3.87	110.05	10.05	110.05	10.05
50 TO 54 YEARS	357	368	91.54	-8.46	92.62	-7.38	92.62	-7.38
55 TO 59 YEARS	348	302	115.23	15.23	103.42	3.42	103.42	3.42
60 TO 64 YEARS	201	206	86.39	-13.61	99.52	-.48	99.52	-.48
65 TO 69 YEARS	149	113	100.45	.45	79.76	-20.24	79.76	-20.24
70 TO 74 YEARS	95	106	(X)	(X)	(X)	(X)	(X)	(X)
75 YEARS AND OVER	59	101	(X)	(X)	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE) (X) (X) 75.08 (X) 63.90
 MEAN (X) (X) 5.78 (X) 4.92

OVERALL AGE-ACCURACY INDEX = 5.35

THE AGE-RATIO IS $300 \cdot P(A) / (P(A-5) + P(A) + P(A+5))$.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 218-219.

AMERICAN SAMOA 1974 SAMOANS ONLY

CALCULATION OF U.N. AGE-SEX ACCURACY INDEX

POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	MALE		FEMALE		SUCCESSIVE DIFFERENCES	MALE		FEMALE	
	MALE	FEMALE	RATIO	DEVIATION FROM 100		RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	2001	1859	107.64	(X)	4.77	108.36	8.36	103.55	(X)
5 TO 9 YEARS	2067	1821	112.41	(X)	-5.23	104.90	4.90	100.73	3.55
10 TO 14 YEARS	1777	1658	107.18	(X)	-16.01	102.92	2.92	103.56	3.56
15 TO 19 YEARS	1341	1471	91.16	(X)	20.99	77.26	-22.74	100.47	.47
20 TO 24 YEARS	829	1183	70.38	(X)	21.11	104.01	4.01	96.93	-3.07
25 TO 29 YEARS	805	884	91.06	(X)	-10.18	99.03	-0.97	86.27	-13.73
30 TO 34 YEARS	719	641	112.17	(X)	-4.24	96.57	-3.43	102.56	2.56
35 TO 39 YEARS	614	602	101.99	(X)	-8.67	105.92	5.92	94.84	-5.16
40 TO 44 YEARS	521	533	97.75	(X)	7.93	87.82	-12.18	115.87	15.87
45 TO 49 YEARS	465	522	89.08	(X)	17.22	124.73	24.73	89.32	-10.68
50 TO 54 YEARS	357	368	97.01	(X)	-18.22	80.89	-19.11	105.23	5.23
55 TO 59 YEARS	348	302	115.23	(X)	34.29	100.68	.68	99.28	-0.72
60 TO 64 YEARS	201	206	97.57	(X)	-42.24	(X)	(X)	72.44	-27.56
65 TO 69 YEARS	149	113	131.86	(X)	58.42	(X)	(X)	(X)	(X)
70 TO 74 YEARS	95	106	89.62	(X)	(X)	(X)	(X)	(X)	(X)
75 YEARS AND OVER	59	101	58.42	(X)	(X)	(X)	(X)	(X)	(X)

TOTAL ABS. VALUE	(X)	(X)	(X)	(X)	232.62	(X)	111.28	(X)	92.88
MEAN	(X)	(X)	(X)	(X)	16.62	(X)	8.56	(X)	7.14

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS

= 65.55

THE AGE RATIO IS $200 * P(A) / (P(A-5) + P(A+5))$.

NOTE: U.N. GUIDELINES DESCRIBE CENSUS DATA AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE U.N. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.

REFERENCES: UNITED NATIONS, "METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES," MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.

SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 221-223.

AMERICAN SAMOA. 1974. SAMOANS ONLY

AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	2001	9.10	1859	7.53	107.64
5-9	2047	8.29	1821	7.37	112.41
10-14	1777	7.19	1658	6.71	107.18
15-19	1341	5.63	1471	5.96	91.16
20-24	629	3.36	1183	4.79	70.08
25-29	805	3.26	884	3.58	91.06
30-34	719	2.91	641	2.60	112.17
35-39	614	2.49	602	2.44	101.99
40-44	521	2.11	533	2.16	97.75
45-49	465	1.88	522	2.11	89.08
50-54	357	1.45	368	1.49	97.01
55-59	348	1.41	302	1.22	115.23
60-64	201	.81	206	.83	97.57
65-69	149	.60	113	.46	131.86
70-74	95	.38	106	.43	89.62
75+	59	.24	101	.41	58.42
TOTAL	12328	49.91	12370	50.09	99.66

TOTAL POPULATION = 24698

AMERICAN SAMOA 1974 SAMOANS ONLY

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION				ANALYSIS OF SEX RATIOS				ANALYSIS OF AGE RATIOS				MALE		FEMALE	
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	GROUP TOTAL	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	GROUP TOTAL	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	2001	1859	102.64	(X)	4048.	4048.	101.14	(X)	368.	368.	98.97	(X)	368.	368.	98.97	(X)
5 TO 9 YEARS	2047	1821	112.41	4.77	3824.	3824.	92.94	1.14	3479.	3479.	95.31	-4.69	3479.	3479.	95.31	-4.69
10 TO 14 YEARS	1777	1658	107.18	-5.23	3118.	3118.	86.02	-13.98	2654.	2654.	89.15	-10.85	2654.	2654.	89.15	-10.85
15 TO 19 YEARS	1341	1471	91.16	-16.01	2170.	2170.	76.41	-23.59	2067.	2067.	85.53	-14.47	2067.	2067.	85.53	-14.47
20 TO 24 YEARS	829	1183	70.08	-21.09	1634.	1634.	98.53	-1.47	1523.	1523.	96.86	-3.14	1523.	1523.	96.86	-3.14
25 TO 29 YEARS	805	884	91.06	20.99	1524.	1524.	92.12	-7.88	1135.	1135.	93.92	-6.08	1135.	1135.	93.92	-6.08
30 TO 34 YEARS	719	641	112.17	21.11	1333.	1333.	91.81	-8.19	1055.	1055.	98.96	-1.04	1055.	1055.	98.96	-1.04
35 TO 39 YEARS	614	622	101.99	-10.18	986.	986.	86.86	-13.14	890.	890.	82.70	-17.30	890.	890.	82.70	-17.30
40 TO 44 YEARS	521	533	97.75	-4.24	822.	822.	79.90	-26.78	670.	670.	90.15	-9.85	670.	670.	90.15	-9.85
45 TO 49 YEARS	465	522	89.08	-8.67	705.	705.	98.72	-1.28	508.	508.	81.10	-18.90	508.	508.	81.10	-18.90
50 TO 54 YEARS	357	368	97.01	7.93	549.	549.	73.22	-26.78	319.	319.	70.85	-29.15	319.	319.	70.85	-29.15
55 TO 59 YEARS	348	302	115.23	18.22	350.	350.	85.14	-14.86	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
60 TO 64 YEARS	201	206	97.57	-17.66	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
65 TO 69 YEARS	149	113	131.86	34.29	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
70 TO 74 YEARS	95	106	89.62	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
75 YEARS AND OVER	59	101	58.42	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
TOTAL (ABS.VAL.)	12328	12370	(X)	190.38	(X)	(X)	(X)	130.69	(X)	(X)	(X)	(X)	(X)	(X)	(X)	138.41

RATIOS: RI = 110.00 = INITIAL PAIRED SEX RATIO
 RT = 109.72 = TERMINAL PAIRED SEX RATIO
 RHM = 101.14 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 7.36 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHF = 101.03 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 6.14 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES: I = 14.62 = SEX-RATIO INDEX
 = 1/13 X SUM OF DIFFERENCES MINUS ABS(RI-RT)
 IIM = 1.38 = AGE-RATIO INDEX (MALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHM-100 + RHM-RFM)
 IIF = 1.44 = AGE-RATIO INDEX (FEMALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHF-100 + RHF-RFF)

6 GROUPED ACCURACY INDEX = I + IIM + IIF = 29.05

NOTE: CENSUS DATA ARE DESCRIBED AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 15, OR OVER 15.

REFERENCE: AJIT DAS GUPTA, "ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS," "PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954 (ROME)," UNITED NATIONS, VOL. IV, 1955, PP. 63-74.

CALCULATION OF PREFERENCE INDICES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1974 SAMOANS ONLY

MALE POPULATION

(AGE RANGE COVERED IS (TO 68.)

TERMINAL DIGIT 'A'	POPULATION WITH STARTING WITH 0	WEIGHTS FOR: COL-1	WEIGHTS FOR: COL-2	BLENDED POPULATION NUMBER	BLENDED POPULATION PERCENT	DEVIATION OF PERCENT FROM 10.000
0	1380	1	9	10101	9.785	-.215
1	1273	2	8	9650	9.348	-.652
2	1338	3	7	10433	10.107	.107
3	1189	4	6	9514	9.217	-.783
4	1225	5	5	10310	9.988	-.012
5	1200	6	4	10304	9.982	-.018
6	1277	7	3	11480	11.121	1.121
7	1142	8	2	10674	10.340	.340
8	1093	9	1	10521	10.192	.192
9	1024	10	0	10240	9.920	-.080
TOTAL	12141	(X)	(X)	103227	100.000	3.521

SUMMARY INDEX OF AGE PREFERENCE = 1.760

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SIEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 206-208.

CALCULATION OF PREFERENCE INDEXES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1974 SAMOANS ONLY

FEMALE POPULATION

(AGE RANGE COVERED IS (TO 68.)

TERMINAL DIGIT 'A'	POPULATION WITH TERMINAL DIGIT 'A'	WEIGHTS FOR:	BLENDED POPULATION	DEVIATION OF PERCENT FROM 10,000
STARTING WITH 0	STARTING WITH 10	COL.1 COL.2	NUMBER	PERCENT
0	1423	1 9	10603	10.124
1	1255	2 8	9998	9.546
2	1313	3 7	10302	9.836
3	1193	4 6	9746	9.305
4	1264	5 5	10795	10.307
5	1267	6 4	11150	10.646
6	1180	7 3	10744	10.258
7	1128	8 2	10556	10.079
8	1112	9 1	10760	10.274
9	1008	10 0	10080	9.624
TOTAL	12143	(N) (N)	104734	100.000

SUMMARY INDEX OF AGE PREFERENCE = 1.688

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SIEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 206-208.

CALCULATION OF PREFERENCE INDICES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1974 SAMOANS ONLY

TOTAL POPULATION

(AGE RANGE COVERED IS (TO 68.)

TERMINAL DIGIT 'A'	POPULATION WITH STARTING WITH 0	POPULATION WITH TERMINAL DIGIT 'A'	WEIGHTS FOR:	BLENDED POPULATION NUMBER	PERCENT	DEVIATION OF PERCENT FROM 10.000
	COL.1	COL.2				
0	2803	1989	1 9	20704	9.956	-.044
1	2528	1824	2 8	19648	9.448	-.552
2	2651	1826	3 7	20735	9.971	-.029
3	2382	1622	4 6	19260	9.261	-.739
4	2489	1732	5 5	21105	10.149	.149
5	2467	1663	6 4	21454	10.316	.316
6	2457	1675	7 3	22224	10.687	.687
7	2270	1535	8 2	21230	10.209	.209
8	2205	1436	9 1	21281	10.233	.233
9	2032	1254	10 0	20320	9.771	-.229
TOTAL	24284	16556	(X) (X)	207961	100.000	3.187

SUMMARY INDEX OF AGE PREFERENCE = 1.593

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SIEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 206-208.

WHIPPLE'S INDEX OF DIGITAL PREFERENCE -- AMERICAN SAMOA 1974 SAMOANS ONLY

TERMINAL DIGIT AGE RANGE FOR INDEX POPULATION IN RANGE POPULATION AT TERMINAL DIGIT INDEX VALUE DEVIATION FROM 100.

MALE	3	18 TO 57	4965	413	83.16	-16.82
POPULATION	4	19 TO 58	4793	463	96.60	-3.40
	5	20 TO 59	4658	443	95.11	-4.89
	6	21 TO 60	4515	514	113.84	13.84
	7	22 TO 61	4399	435	98.89	-1.11
	8	23 TO 62	4257	435	102.18	2.18
	9	24 TO 63	4141	405	97.80	-2.20
	0	25 TO 64	4030	394	97.77	-2.23
	1	26 TO 65	3878	383	98.76	-1.24
	2	27 TO 66	3739	372	99.49	-.51

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 24.22
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 98.31

FEMALE	3	18 TO 57	5507	471	85.53	-14.47
POPULATION	4	19 TO 58	5244	538	102.59	2.59
	5	20 TO 59	5035	539	107.05	7.05
	6	21 TO 60	4828	510	105.63	5.63
	7	22 TO 61	4602	461	100.17	-.17
	8	23 TO 62	4419	425	96.18	-3.82
	9	24 TO 63	4227	375	88.72	-11.28
	0	25 TO 64	4058	410	101.03	1.03
	1	26 TO 65	3867	317	81.98	-18.02
	2	27 TO 66	3713	373	100.46	-.46

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 32.28
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 107.38

TOTAL	3	18 TO 57	10472	884	84.42	-15.58
POPULATION	4	19 TO 58	10037	1001	99.73	-.27
	5	20 TO 59	9693	982	101.31	1.31
	6	21 TO 60	9343	1024	109.60	9.60
	7	22 TO 61	9001	896	99.54	-.46
	8	23 TO 62	8676	860	99.12	-.88
	9	24 TO 63	8368	780	93.21	-6.79
	0	25 TO 64	8088	804	99.41	-.59
	1	26 TO 65	7745	700	90.38	-9.62
	2	27 TO 66	7452	745	99.97	-.03

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 22.56
WHIPPLE'S INDEX FOR 0'S & 5'S (BASED ON AGES 23 TO 62) = 102.93

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 203-206.

ENDING AGE FOR INTERPOLATION, 74, IS TOO HIGH.
END WILL BE AGE 70.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA 1974 SAMOANS ONLY
MALE POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING					AVERAGE REPORTED VALUE	DIFFERENCE AMOUNT	DIFFERENCE PERCENT
	0-4	5-9	1-5	6-10	11-15			
5 YEARS	418	413	406	402	408	409	15	3.67
6 YEARS	416	412	401	403	406	408	22	5.39
7 YEARS	412	410	396	401	404	405	-32	-7.90
8 YEARS	405	403	391	397	399	399	10	2.51
9 YEARS	396	396	386	392	392	392	19	4.85
10 YEARS	384	386	379	386	383	384	1	.26
11 YEARS	371	374	371	377	373	375	-28	-7.51
12 YEARS	357	360	363	366	360	361	7	1.94
13 YEARS	341	344	356	355	347	349	-3	-.86
14 YEARS	324	326	344	345	332	334	-1	-.30
15 YEARS	308	305	318	327	318	315	2	.63
16 YEARS	291	284	288	300	299	292	13	4.45
17 YEARS	272	263	259	273	268	267	27	10.11
18 YEARS	248	242	230	236	244	240	-23	-9.58
19 YEARS	222	222	206	204	215	214	-6	-2.80
20 YEARS	197	203	191	179	186	191	-1	-.52
21 YEARS	172	185	183	168	166	175	-15	-8.57
22 YEARS	156	166	174	165	158	164	13	7.93
23 YEARS	150	153	166	162	160	158	-8	-5.06
24 YEARS	154	150	160	159	162	157	-5	-3.18
25 YEARS	158	153	157	159	164	158	10	6.33
26 YEARS	163	155	157	157	166	160	7	4.38
27 YEARS	166	160	157	157	160	160	-3	-1.88
28 YEARS	162	161	159	159	156	159	7	4.40
29 YEARS	156	158	160	161	152	157	-10	-6.37
30 YEARS	152	151	155	160	149	153	-5	-3.27
31 YEARS	148	146	149	156	145	149	13	8.72
32 YEARS	143	141	144	148	142	144	17	11.81
33 YEARS	140	136	139	141	140	139	-29	-20.86
34 YEARS	136	133	133	133	137	134	4	2.99
35 YEARS	131	131	129	127	134	130	-14	-10.77
36 YEARS	127	128	125	122	131	127	18	14.17
37 YEARS	122	126	120	118	126	122	10	8.20
38 YEARS	119	124	116	114	119	118	-2	-1.69
39 YEARS	115	118	113	110	113	114	-9	-7.89
40 YEARS	111	112	109	108	107	109	1	.92
41 YEARS	107	107	107	104	102	105	-3	-2.86
42 YEARS	102	101	105	102	101	102	3	2.94
43 YEARS	101	96	103	100	101	100	2	2.00

44 YEARS	100	96	101	98	101	99	102	3	3.03
45 YEARS	98	96	99	97	102	98	85	-13	-13.27
46 YEARS	97	97	101	94	101	97	110	-13	13.40
47 YEARS	96	98	93	92	95	95	82	-13	-13.68
48 YEARS	90	98	90	89	88	91	108	17	18.68
49 YEARS	84	92	86	87	82	86	80	-6	-6.98
50 YEARS	78	84	84	85	75	81	89	8	9.88
51 YEARS	72	77	81	82	69	76	75	-1	-1.32
52 YEARS	69	70	78	80	69	73	71	-2	-2.74
53 YEARS	68	65	75	77	71	71	51	-20	-28.17
54 YEARS	70	64	71	74	72	70	71	1	1.43
55 YEARS	72	66	69	72	73	70	74	4	5.71
56 YEARS	74	67	66	67	71	69	92	23	33.33
57 YEARS	74	69	62	62	68	67	64	-3	-4.48
58 YEARS	68	70	60	58	62	64	45	-19	-29.69
59 YEARS	60	62	56	53	56	57	73	16	28.07
60 YEARS	52	53	51	48	50	51	47	-4	-7.84
61 YEARS	44	46	44	44	46	45	44	-1	-2.22
62 YEARS	36	39	39	41	42	39	35	-4	-10.26
63 YEARS	35	32	34	37	39	35	34	-1	-2.86
64 YEARS	34	28	30	34	37	33	41	8	24.24
65 YEARS	33	25	27	32	34	30	16	-14	-46.67
66 YEARS	31	23	24	29	30	27	28	1	3.70
67 YEARS	30	24	23	27	29	27	40	13	48.15
68 YEARS	28	29	24	25	27	27	32	5	18.52
69 YEARS	27	35	27	24	25	28	33	5	17.86
70 YEARS	25	46	31	24	23	30	24	-6	-20.00

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA 1974 SAMOANS ONLY
 MALE POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION	
	WEIGHTED	UNWEIGHTED
5	-0.83	-7.77
6	8.22	11.26
7	-0.09	5.50
8	-0.46	0.45
9	0.86	3.82
0	-0.60	-2.94
1	-3.79	-2.29
2	3.85	1.94
3	-6.92	-9.30
4	1.21	4.70
SUMMARY INDEX	13.41	24.98

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA 1974 SAMOANS ONLY
FEMALE POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING										AVERAGE REPORTED VALUE	DIFFERENCE FROM AVERAGE	
	0-4,5-9	1-5,6-0	2-6,7-1	3-7,8-2	4-8,9-3	5	6	7	8	9		AMOUNT	PERCENT
5 YEARS	373	370	378	367	368	371	380	9	2.43				
6 YEARS	370	368	377	366	366	369	352	-17	-4.61				
7 YEARS	364	365	374	364	361	366	362	-4	-1.09				
8 YEARS	360	362	368	360	357	361	360	-1	-.28				
9 YEARS	354	356	361	355	353	356	367	11	3.09				
10 YEARS	347	349	353	350	348	349	359	10	2.87				
11 YEARS	338	342	344	342	343	342	352	10	2.92				
12 YEARS	331	334	333	335	336	334	304	-30	-8.98				
13 YEARS	324	325	321	326	329	325	327	2	.62				
14 YEARS	318	317	311	317	322	317	316	-1	-.32				
15 YEARS	312	308	304	309	315	310	327	17	5.48				
16 YEARS	305	295	298	300	305	301	293	-8	-2.66				
17 YEARS	296	289	292	292	295	293	281	-12	-4.10				
18 YEARS	285	278	285	284	284	283	304	21	7.42				
19 YEARS	273	269	276	276	272	273	266	-7	-2.56				
20 YEARS	261	260	265	266	259	262	251	-11	-4.20				
21 YEARS	249	251	251	254	247	250	267	17	6.80				
22 YEARS	237	241	237	240	236	238	232	-6	-2.52				
23 YEARS	224	230	224	227	225	226	223	-3	-1.33				
24 YEARS	212	218	211	216	214	214	210	-4	-1.87				
25 YEARS	200	204	198	201	204	201	212	11	5.47				
26 YEARS	188	191	186	188	193	189	179	-10	-5.29				
27 YEARS	177	178	174	176	178	177	182	5	2.82				
28 YEARS	165	165	152	164	163	164	169	5	3.05				
29 YEARS	154	154	151	152	149	152	142	-10	-6.58				
30 YEARS	143	144	145	144	134	142	160	18	12.68				
31 YEARS	132	135	140	137	125	134	119	-15	-11.19				
32 YEARS	124	125	135	133	123	128	140	12	9.38				
33 YEARS	121	119	132	130	125	125	95	-30	-24.00				
34 YEARS	121	116	128	128	128	124	127	3	2.42				
35 YEARS	122	117	122	125	132	124	131	7	5.65				
36 YEARS	123	117	116	120	132	122	140	18	14.75				
37 YEARS	122	119	111	115	127	119	125	6	5.04				
38 YEARS	120	120	105	109	118	114	114	0	.00				
39 YEARS	115	117	101	104	110	109	92	-17	-15.60				
40 YEARS	111	114	105	102	101	107	116	9	8.41				
41 YEARS	107	112	110	103	96	106	85	-21	-19.81				
42 YEARS	104	109	114	107	99	107	118	11	10.28				
43 YEARS	105	107	119	110	105	109	100	-9	-8.26				

44 YEARS	106	106	122	114	110	112	114	2	1.79
45 YEARS	108	105	116	115	116	112	122	10	8.93
46 YEARS	109	104	108	110	118	110	125	15	13.64
47 YEARS	108	103	100	102	110	105	90	-15	-14.29
48 YEARS	103	100	92	94	98	92	101	4	4.12
49 YEARS	94	95	85	86	88	90	84	-6	-6.67
50 YEARS	86	82	81	80	76	82	90	8	9.76
51 YEARS	77	81	79	77	67	76	72	-4	-5.26
52 YEARS	70	74	76	76	66	72	66	-6	-8.33
53 YEARS	68	69	73	74	68	70	53	-17	-24.29
54 YEARS	67	65	70	73	69	69	87	18	26.09
55 YEARS	65	63	66	70	70	67	74	7	10.45
56 YEARS	64	60	61	66	69	64	66	2	3.13
57 YEARS	62	58	57	61	65	61	64	3	4.92
58 YEARS	58	56	53	56	59	56	41	-15	-26.79
59 YEARS	53	51	49	51	54	52	57	5	9.62
60 YEARS	49	47	46	45	49	47	44	-3	-6.38
61 YEARS	46	43	42	42	43	43	41	-2	-4.65
62 YEARS	41	40	39	38	40	40	49	9	22.50
63 YEARS	37	37	36	34	36	36	31	-5	-13.89
64 YEARS	33	33	33	31	33	33	41	8	24.24
65 YEARS	28	30	31	29	29	29	21	-8	-27.59
66 YEARS	25	28	28	25	26	26	25	-1	-3.85
67 YEARS	22	25	26	23	24	24	24	0	.00
68 YEARS	20	24	24	21	22	22	23	1	4.55
69 YEARS	18	22	21	20	20	20	20	0	.00
70 YEARS	18	22	20	20	19	20	29	9	45.00

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA 1974 SAMOANS ONLY
 FEMALE POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHED	AVERAGE PERCENT DEVIATION UNWEIGHED
5	4.37	1.55
6	-.08	2.16
7	-1.48	-.96
8	1.37	-1.13
9	-2.28	-2.67
0	3.96	9.73
1	-1.58	-5.20
2	-1.09	3.72
3	-6.96	-11.86
4	2.99	8.72
SUMMARY INDEX	13.08	23.85

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA 1974 SAMOANS ONLY

TOTAL POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING								AVERAGE VALUE	REPORTED VALUE	DIFFERENCE FROM AVERAGE	
	0-4,5-9	1-5,6-0	2-6,7-1	3-7,8-2	4-8,9-3	VALUE	AMOUNT	PERCENT				
5 YEARS	791	784	784	771	776	781	804	23	2.94			
6 YEARS	786	781	778	769	772	777	782	5	.64			
7 YEARS	777	775	770	764	765	770	735	-35	-4.55			
8 YEARS	765	765	759	757	756	760	769	9	1.18			
9 YEARS	749	752	747	747	745	748	778	30	4.01			
10 YEARS	731	735	732	736	731	733	744	11	1.50			
11 YEARS	709	716	715	719	715	715	697	-18	-2.52			
12 YEARS	687	694	697	701	697	695	672	-23	-3.31			
13 YEARS	665	670	678	682	676	674	673	-1	-.15			
14 YEARS	643	642	653	662	654	651	649	-2	-.31			
15 YEARS	619	613	622	635	632	624	644	20	3.21			
16 YEARS	596	582	586	600	606	594	598	4	.67			
17 YEARS	567	551	551	560	568	559	575	16	2.86			
18 YEARS	534	522	515	520	527	524	521	-3	-.57			
19 YEARS	496	491	482	479	487	487	474	-13	-2.67			
20 YEARS	459	463	456	446	445	454	441	-13	-2.86			
21 YEARS	421	435	434	422	413	425	427	2	.47			
22 YEARS	391	407	411	405	394	402	409	7	1.74			
23 YEARS	375	384	390	389	385	385	373	-12	-3.12			
24 YEARS	366	368	371	373	376	371	362	-9	-2.43			
25 YEARS	358	357	355	359	368	359	380	21	5.85			
26 YEARS	351	346	343	346	357	349	346	-3	-.86			
27 YEARS	342	337	331	333	341	337	339	2	.59			
28 YEARS	328	327	321	323	320	324	335	11	3.40			
29 YEARS	310	312	311	313	301	309	289	-20	-6.47			
30 YEARS	295	295	300	304	283	295	308	13	4.41			
31 YEARS	280	280	289	293	270	282	281	-1	-.35			
32 YEARS	267	266	279	281	265	272	301	29	10.66			
33 YEARS	261	255	270	271	265	264	205	-59	-22.35			
34 YEARS	257	250	262	261	265	259	265	6	2.32			
35 YEARS	253	248	251	252	266	254	247	-7	-2.76			
36 YEARS	250	246	241	242	263	248	285	37	14.92			
37 YEARS	245	245	231	233	253	241	257	16	6.64			
38 YEARS	238	242	221	224	237	232	230	-2	-.86			
39 YEARS	230	235	214	215	223	223	197	-26	-11.66			
40 YEARS	222	227	214	208	208	216	226	10	4.63			
41 YEARS	213	218	217	207	199	211	187	-24	-11.37			
42 YEARS	207	210	219	209	210	209	223	14	6.70			
43 YEARS	206	204	223	210	206	210	202	-8	-3.81			

44 YEARS	206	201	223	212	211	211	216	5	2.37
45 YEARS	206	202	215	212	218	211	207	-4	-1.90
46 YEARS	207	201	203	204	217	206	235	29	14.08
47 YEARS	203	201	193	194	206	199	172	-27	-13.57
48 YEARS	193	197	182	184	187	189	209	20	10.58
49 YEARS	178	187	171	173	169	176	164	-12	-6.82
50 YEARS	164	173	165	164	151	163	179	16	9.82
51 YEARS	149	159	160	159	138	153	147	-6	-3.92
52 YEARS	139	144	154	156	135	146	137	-9	-6.16
53 YEARS	136	133	148	151	138	141	104	-37	-26.24
54 YEARS	137	129	142	147	140	139	158	19	13.67
55 YEARS	137	129	134	142	143	137	148	11	8.03
56 YEARS	138	128	127	133	141	133	158	25	18.80
57 YEARS	136	127	120	123	133	128	128	0	.00
58 YEARS	126	124	113	113	121	119	86	-33	-27.73
59 YEARS	113	114	104	103	110	109	130	21	19.27
60 YEARS	101	100	96	95	99	98	91	-7	-7.14
61 YEARS	89	89	87	86	89	88	85	-3	-3.41
62 YEARS	79	79	78	79	82	79	84	5	6.33
63 YEARS	72	69	70	72	75	72	65	-7	-9.72
64 YEARS	66	61	64	65	69	65	82	17	26.15
65 YEARS	61	55	57	60	63	59	37	-22	-37.29
66 YEARS	56	51	52	54	58	54	53	-1	-1.85
67 YEARS	52	50	49	50	53	51	64	13	25.49
68 YEARS	48	51	48	46	48	48	55	7	14.58
69 YEARS	45	52	47	44	45	48	53	5	10.42
70 YEARS	43	68	51	43	42	49	53	4	8.16

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA 1974 SAMOANS ONLY

TOTAL POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHED	AVERAGE PERCENT DEVIATION UNWEIGHED
5	1.73	-3.13
6	4.07	6.63
7	-.66	2.50
8	.41	.08
9	-.71	.87
C	1.69	2.64
1	-2.67	-3.52
2	1.28	2.66
3	-7.10	-10.90
4	2.12	6.96
SUMMARY INDEX	11.22	19.94

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

THE END -- AGE SEX ANALYSIS

THE END

FIN

RUNID: SDPANS ACCT: 34144320 PROJECT: LEVIN

15:53:53 M LEVIN POP DIV RM 2022 X-35590 RERUN OK BIN729

15:55:06 SDPANS FIN 155506

TIME: TOTAL: 00:00:52.783 CBSUPS: 010766917

CPU: 00:00:32.791 I/O: 00:00:00.005

CC/ER: 00:00:19.986 WAIT: 00:00:48.285

IMAGES READ: 198 PAGES: 195

START: 15:48:18 JUN 28,1982 FIN: 15:55:06 JUN 28,1982

* * * * * CENSUS 1100/83 SYSTEM * * * * *

1970

AMERICAN SAMOA 1970

CALCULATION OF AGE-ACCURACY INDEX

POPULATION ANALYSIS OF AGE RATIOS

AGE	MALE	FEMALE	RATIO	MALE DEVIATION FROM 100	RATIO	FEMALE DEVIATION FROM 100
UNDER 5 YEARS	2386	2305	(X)	(X)	(X)	(X)
5 TO 9 YEARS	2214	2201	102.55	2.55	103.14	3.14
10 TO 14 YEARS	1877	1896	98.91	-1.09	101.88	1.88
15 TO 19 YEARS	1602	1486	107.01	7.01	98.19	-1.81
20 TO 24 YEARS	1012	1158	87.29	-12.71	100.40	.40
25 TO 29 YEARS	864	816	97.74	-2.26	89.87	-10.13
30 TO 34 YEARS	776	750	102.92	2.92	102.83	2.83
35 TO 39 YEARS	622	622	95.01	-4.99	94.72	-5.28
40 TO 44 YEARS	566	598	102.10	2.10	106.85	6.85
45 TO 49 YEARS	475	459	95.90	-4.10	96.16	-3.84
50 TO 54 YEARS	445	375	105.45	5.45	101.08	1.08
55 TO 59 YEARS	346	279	103.92	5.92	101.33	1.33
60 TO 64 YEARS	189	172	81.35	-18.65	84.45	-15.55
65 TO 69 YEARS	162	160	115.99	15.99	116.22	16.22
70 TO 74 YEARS	68	81	74.73	-25.27	84.08	-15.92
75 TO 79 YEARS	43	48	97.73	-2.27	85.21	-14.79
80 TO 84 YEARS	21	40	(X)	(X)	(X)	(X)
85 YEARS AND OVER	14	31	(X)	(X)	(X)	(X)
TOTAL (ABS. VALUE)	(X)	(X)	(X)	13.30	(X)	101.06
MEAN	(X)	(X)	(X)	7.55	(X)	6.74

OVERALL AGE-ACCURACY INDEX = 7.15

THE AGE-RATIO IS $300 \cdot P(A) / (P(A-5) + P(A) + P(A+5))$.

REFERENCE: SHRYOCK & SIEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 218-219.

AMERICAN SAMOA 1970

CALCULATION OF U.N. AGE-SEX ACCURACY INDEX

POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	RATIO	MALE DEVIATION FROM 100	RATIO	FEMALE DEVIATION FROM 100
	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
UNDER 5 YEARS	2186	2305	103.51	-2.92	103.87	3.87	104.78	4.78
5 TO 9 YEARS	2214	2201	100.59	-1.59	98.38	-1.62	102.85	2.85
10 TO 14 YEARS	1877	1896	99.00	8.81	110.90	10.90	97.31	-2.69
15 TO 19 YEARS	1602	1486	107.81	-20.41	82.08	-17.92	100.61	.61
20 TO 24 YEARS	1012	1158	87.39	18.49	96.64	-3.36	85.53	-14.47
25 TO 29 YEARS	864	816	105.88	-2.42	104.44	4.44	104.31	4.31
30 TO 34 YEARS	776	750	103.47	-3.47	92.70	-7.30	92.28	-7.72
35 TO 39 YEARS	622	522	100.00	-5.35	103.19	3.19	110.64	10.64
40 TO 44 YEARS	566	598	94.65	8.84	93.97	-6.03	94.35	-5.65
45 TO 49 YEARS	475	459	103.49	15.18	108.40	8.40	101.63	1.63
50 TO 54 YEARS	445	375	118.67	5.35	109.15	9.15	102.01	2.01
55 TO 59 YEARS	346	279	124.01	-14.13	74.41	-25.59	78.36	-21.64
60 TO 64 YEARS	189	172	109.88	-8.63	126.07	26.07	126.48	26.48
65 TO 69 YEARS	162	160	101.25	-17.30	66.34	-33.66	77.88	-22.12
70 TO 74 YEARS	68	81	83.95	5.63	96.63	-3.37	79.34	-20.66
75 TO 79 YEARS	43	48	89.58	-37.08	(X)	(X)	(X)	(X)
80 TO 84 YEARS	21	40	52.50	(X)	(X)	(X)	(X)	(X)
85 YEARS AND OVER	14	31	45.16	(X)	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE)	(X)	(X)	(X)	175.61	(X)	164.89	(X)	148.24
MEAN	(X)	(X)	(X)	10.98	(X)	10.99	(X)	9.88

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS

= 53.80

THE AGE RATIO IS $200 \cdot P(A) / (P(A-5) + P(A+5))$.

NOTE: U.N. GUIDELINES DESCRIBE CENSUS DATA AS 'ACCURATE', 'INACCURATE', OR 'HIGHLY INACCURATE' DEPENDING ON WHETHER THE U.N. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.

REFERENCES: UNITED NATIONS, 'METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES,' MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.

SHRYOCK & SIEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 221-223.

AMERICAN SAMOA, 1970

AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	2386	8.79	2305	8.49	103.51
5-9	2214	8.15	2201	8.10	100.59
10-14	1877	6.91	1896	6.98	99.00
15-19	1602	5.90	1486	5.47	107.81
20-24	1012	3.73	1158	4.26	87.39
25-29	864	3.18	816	3.00	105.88
30-34	776	2.86	750	2.76	103.47
35-39	622	2.29	622	2.29	100.00
40-44	566	2.08	598	2.20	94.65
45-49	475	1.75	459	1.69	103.49
50-54	445	1.64	375	1.38	118.67
55-59	346	1.27	279	1.03	124.01
60-64	189	.70	172	.63	109.88
65-69	162	.60	160	.59	101.25
70-74	68	.25	81	.30	83.95
75-79	43	.16	48	.18	89.58
80-84	21	.08	40	.15	52.50
85+	14	.05	31	.11	45.16
TOTAL	13682	50.38	13477	49.62	101.52

TOTAL POPULATION = 27159

End of 1970

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION		ANALYSIS OF SEX RATIOS										ANALYSIS OF AGE RATIOS				DEVIATION FROM 100
			MALE					FEMALE					MALE		FEMALE		
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	
UNDER 5 YEARS	2386	2305	103.51	(X)	(X)	96.26	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
5 TO 9 YEARS	2214	2201	100.59	-2.92	4600.	91.76	-3.74	4091.	92.56	4506.	97.69	-2.31	4097.	92.56	-7.44	-2.31	
10 TO 14 YEARS	1877	1896	99.00	8.81	4091.	92.10	-7.90	3479.	87.88	4382.	87.88	-12.12	3382.	87.88	-12.12	-12.12	
15 TO 19 YEARS	1602	1486	107.81	-20.41	2614.	92.11	-7.89	1876.	82.67	2644.	82.67	-17.33	1974.	82.67	-17.33	-17.33	
20 TO 24 YEARS	1012	1158	87.39	18.49	1876.	94.63	-5.37	1566.	95.79	1974.	95.79	-4.21	1566.	95.79	-4.21	-4.21	
25 TO 29 YEARS	864	816	105.88	-3.47	1640.	88.98	-11.02	1398.	90.67	1566.	90.67	-9.33	1372.	90.67	-9.33	-9.33	
30 TO 34 YEARS	776	750	103.47	-5.35	1398.	95.29	-4.71	1220.	98.03	1372.	98.03	-1.97	1220.	98.03	-1.97	-1.97	
35 TO 39 YEARS	622	622	100.00	8.84	1041.	91.26	-8.74	1057.	86.85	1057.	86.85	-13.15	1057.	86.85	-13.15	-13.15	
40 TO 44 YEARS	566	598	94.65	15.18	920.	96.74	-3.26	834.	89.93	834.	89.93	-10.07	834.	89.93	-10.07	-10.07	
45 TO 49 YEARS	475	459	103.49	5.35	791.	87.48	-12.52	654.	85.32	654.	85.32	-14.68	654.	85.32	-14.68	-14.68	
50 TO 54 YEARS	445	375	118.67	-14.13	535.	70.65	-29.35	451.	76.27	451.	76.27	-23.73	451.	76.27	-23.73	-23.73	
55 TO 59 YEARS	346	279	124.01	-8.63	351.	92.31	-7.69	332.	96.39	332.	96.39	-3.61	332.	96.39	-3.61	-3.61	
60 TO 64 YEARS	189	172	109.88	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
65 TO 69 YEARS	162	160	101.25	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
70 TO 74 YEARS	68	81	83.95	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
75 TO 79 YEARS	43	48	89.58	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
80 TO 84 YEARS	21	40	52.50	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
85 YEARS AND OVER	14	31	45.16	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
TOTAL (ABS. VAL.)	13682	13477	(X)	115.59	(X)	(X)	132.99	(X)	(X)	(X)	(X)	132.35	(X)	(X)	(X)	132.35	

RATIOS:
 RI = 102.09 = INITIAL PAIRED SEX RATIO
 RT = 105.72 = TERMINAL PAIRED SEX RATIO
 RHM = 103.74 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 7.04 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHF = 102.31 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 7.10 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES:
 I = 8.61 = SEX-RATIO INDEX
 $IIM = \frac{1}{111} \times \text{SUM OF DIFFERENCES MINUS ABS. (RI-RT)}$
 $IIF = \frac{\text{SUM OF DEVIATIONS DIVIDED BY (RHM-100) + RFM}}{\text{SUM OF DEVIATIONS DIVIDED BY (RHF-100) + RFF}}$
 $IIF = 1.36$

6. GROUPED ACCURACY INDEX = I * IIM * IIF = 15.48

NOTE: CENSUS DATA ARE DESCRIBED AS 'ACCURATE,' 'INACCURATE,' OR 'HIGHLY INACCURATE' DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 15, OR OVER 15.

REFERENCE: AJIT DAS GUPTA, 'ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS,' 'PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954 (ROME), UNITED NATIONS, VOL. IV, 1955, PP. 63-74.

1960

AMERICAN SAMOA 1960

CALCULATION OF AGE-ACCURACY INDEX

AGE	POPULATION		ANALYSIS OF AGE RATIOS			
	MALE	FEMALE	MALE		FEMALE	
			RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	1919	1790	(X)	(X)	(X)	(X)
5 TO 9 YEARS	1689	1555	97.65	-2.35	98.07	-1.93
10 TO 14 YEARS	1581	1412	106.63	6.63	106.67	6.67
15 TO 19 YEARS	1178	1004	103.06	3.06	94.42	-5.58
20 TO 24 YEARS	670	774	86.19	-13.81	94.85	-5.15
25 TO 29 YEARS	484	670	88.32	-11.68	97.53	-2.47
30 TO 34 YEARS	490	617	98.86	-1.14	102.61	2.61
35 TO 39 YEARS	513	517	107.25	7.25	102.31	2.31
40 TO 44 YEARS	432	382	99.85	-1.15	92.87	-7.13
45 TO 49 YEARS	353	335	101.34	1.34	107.95	7.95
50 TO 54 YEARS	260	214	92.42	-7.58	86.41	-13.59
55 TO 59 YEARS	231	194	114.74	14.74	107.38	7.38
60 TO 64 YEARS	113	134	75.17	-24.83	89.93	-10.07
65 TO 69 YEARS	107	119	111.85	11.85	107.21	7.21
70 TO 74 YEARS	67	90	91.36	-8.64	100.00	.00
75 TO 79 YEARS	46	41	108.66	8.66	84.83	-15.17
80 TO 84 YEARS	14	24	(X)	(X)	(X)	(X)
85 YEARS AND OVER	17	25	(X)	(X)	(X)	(X)
TOTAL (ABS. VALUE)	(X)	(X)	(X)	123.71	(X)	95.22
MEAN	(X)	(X)	(X)	8.25	(X)	6.35

OVERALL AGE-ACCURACY INDEX = 7.10

THE AGE-RATIO IS $300 \cdot P(A) / (P(A-5) + P(A) + P(A+5))$.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 218-219.

AMERICAN SAMOA, 1960

AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	1919	9.57	1790	8.93	107.21
5-9	1689	8.42	1555	7.76	108.62
10-14	1581	7.88	1412	7.04	111.97
15-19	1178	5.88	1004	5.07	117.33
20-24	670	3.34	774	3.86	86.56
25-29	484	2.41	670	3.34	72.24
30-34	490	2.44	617	3.08	79.42
35-39	513	2.56	517	2.58	92.23
40-44	432	2.15	382	1.91	113.09
45-49	353	1.76	335	1.67	105.37
50-54	260	1.30	214	1.07	121.50
55-59	231	1.15	194	.97	119.07
60-64	113	.56	134	.67	84.33
65-69	107	.53	119	.59	89.92
70-74	67	.33	80	.40	83.75
75-79	46	.23	41	.20	112.20
80-84	14	.07	24	.12	58.33
85+	17	.08	25	.12	68.00
TOTAL	10164	50.69	9887	49.31	102.80

TOTAL POPULATION = 20051

CALCULATION OF U.N. AGE-SEX ACCURACY INDEX

POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	RATIO	MALE DEVIATION FROM 100	RATIO	FEMALE DEVIATION FROM 100
UNDER 5 YEARS	1810	1790	102.21	(X)	(X)	(X)	(X)	(X)
5 TO 9 YEARS	1689	1555	108.62	1.41	96.51	-3.49	97.13	-2.87
10 TO 14 YEARS	1581	1412	111.97	3.35	110.29	10.29	110.36	10.36
15 TO 19 YEARS	1178	1004	117.33	5.36	104.66	4.66	91.86	-8.14
20 TO 24 YEARS	670	774	86.56	-30.77	80.63	-19.37	92.47	-7.53
25 TO 29 YEARS	484	670	72.24	-14.32	83.45	-16.55	96.33	-3.67
30 TO 34 YEARS	490	617	79.42	7.18	98.29	-1.71	103.96	3.96
35 TO 39 YEARS	513	517	99.23	19.81	111.28	11.28	103.50	3.50
40 TO 44 YEARS	432	382	113.09	13.86	99.77	-.23	89.67	-10.33
45 TO 49 YEARS	353	335	105.37	-7.72	102.02	2.02	112.42	12.42
50 TO 54 YEARS	260	214	121.50	16.12	89.04	-10.96	80.91	-19.09
55 TO 59 YEARS	231	194	119.07	-2.42	123.86	23.86	111.49	11.49
60 TO 64 YEARS	113	134	84.33	-34.74	66.86	-33.14	85.62	-14.38
65 TO 69 YEARS	107	119	89.92	5.59	118.89	18.89	111.21	11.21
70 TO 74 YEARS	67	80	83.75	-6.17	87.58	-12.42	100.00	.00
75 TO 79 YEARS	46	41	112.20	28.45	113.58	13.58	78.85	-21.15
80 TO 84 YEARS	14	24	58.33	-53.86	(X)	(X)	(X)	(X)
85 YEARS AND OVER	17	25	68.00	(X)	(X)	(X)	(X)	(X)
TOTAL (ABS. VALUE)	(X)	(X)	(X)	251.13	(X)	182.45	(X)	140.11
MEAN	(X)	(X)	(X)	15.70	(X)	12.16	(X)	9.34

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS
= 68.59

THE AGE RATIO IS $200 \cdot p(A) / (p(A-5) + p(A+5))$.

NOTE: U.N. GUIDELINES DESCRIBE CENSUS DATA AS 'ACCURATE,' 'INACCURATE,' OR 'HIGHLY INACCURATE' DEPENDING ON WHETHER THE U.N. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.
REFERENCES: UNITED NATIONS, 'METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES,' MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.
SHRYOCK & SIEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 221-223.

End of 1960

AMERICAN SAMOA 1960

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION					ANALYSIS OF SEX RATIOS					ANALYSIS OF AGE RATIOS					DEVIATION FROM 100
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	PAIRED AGE GROUP TOTAL	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	PAIRED AGE GROUP TOTAL	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	PAIRED AGE GROUP TOTAL		DEVIATION FROM 100
UNDER 5 YEARS	1919	1790	107.21	(X)	(X)	93.63	92.97	(X)	(X)	3345.	(X)	92.97	(X)	(X)	(X)	-7.03
5 TO 9 YEARS	1689	1555	108.62	1.41	3608.	96.70	95.18	-3.35	3270.	2967.	96.70	95.18	-3.35	2967.	(X)	-4.82
10 TO 14 YEARS	1581	1412	111.97	5.36	2759.	85.39	83.11	-30.77	1848.	1778.	85.39	83.11	-30.77	1778.	(X)	-16.87
15 TO 19 YEARS	1178	1064	117.33	-14.32	1154.	83.88	87.06	7.18	974.	1444.	83.88	87.06	7.18	1444.	(X)	-12.94
20 TO 24 YEARS	670	774	86.56	19.81	1003.	102.29	95.88	13.86	945.	1134.	102.29	95.88	13.86	1134.	(X)	-7.20
25 TO 29 YEARS	484	670	72.24	-7.72	785.	89.94	87.06	-16.12	1003.	1297.	89.94	87.06	-16.12	1297.	(X)	-4.12
30 TO 34 YEARS	490	617	79.42	16.12	613.	84.83	83.11	-2.42	945.	1134.	84.83	83.11	-2.42	1134.	(X)	-8.82
35 TO 39 YEARS	513	517	99.23	5.59	220.	97.27	94.07	-34.74	344.	328.	97.27	94.07	-34.74	328.	(X)	-15.02
40 TO 44 YEARS	432	382	113.09	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-6.56
45 TO 49 YEARS	353	335	105.37	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-22.04
50 TO 54 YEARS	260	214	121.50	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-4.90
55 TO 59 YEARS	231	194	119.07	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-18.29
60 TO 64 YEARS	111	134	84.33	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-5.93
65 TO 69 YEARS	107	119	89.92	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
70 TO 74 YEARS	67	80	83.75	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
75 TO 79 YEARS	46	41	112.20	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
80 TO 84 YEARS	14	24	58.33	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
85 YEARS AND OVER	17	25	68.00	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
TOTAL (ABS. VAL.)	10164	9887	(X)	162.66	(X)	(X)	(X)	147.54	(X)	(X)	(X)	(X)	(X)	(X)	(X)	134.54

RATIOS:
 RI = 107.86 = INITIAL PAIRED SEX RATIO
 RT = 86.96 = TERMINAL PAIRED SEX RATIO
 RHM = 106.37 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 5.93 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHF = 107.03 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 7.12 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES:
 I = 10.90 = SEX-RATIO INDEX
 $\frac{1}{13} \times \text{SUM OF DIFFERENCES MINUS ABS. (RI-RT)}$
 IIM = 1.38 = AGE-RATIO INDEX (MALE)
 $\frac{\text{SUM OF DEVIATIONS DIVIDED BY (RHM-100. + RHM-RFM)}}{\text{AGE-RATIO INDEX (FEMALE)}}$
 IIF = 1.26 = AGE-RATIO INDEX (FEMALE)
 $\frac{\text{SUM OF DEVIATIONS DIVIDED BY (RHF-100. + RHF-RFF)}}{\text{AGE-RATIO INDEX (FEMALE)}}$

GROUPED ACCURACY INDEX = I + IIM + IIF = 18.95

NOTE: CENSUS DATA ARE DESCRIBED AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 15, OR OVER 15.

REFERENCE: AJIT DAS GUPTA, "ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS," "PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954 (ROME)," UNITED NATIONS, VOL. IV, 1955, PP. 63-74.

1956

SINGLE YEAR OF AGE DATA FOR:

AMERICAN SAMOA 1956

416	382	362	398	339	356	324	315	319
315	288	279	261	188	238	222	230	204
201	133	131	154	108	138	107	121	109
164	139	107	106	68	102	67	127	60
72	94	68	66	66	74	47	73	66
58	33	47	62	35	105	17	27	16
38	16	26	31	12	21	29	15	20
21	13	6	18	81	10107			
415	366	374	331	316	339	331	288	300
296	279	259	249	191	234	245	223	174
182	147	169	156	130	160	143	162	170
163	91	108	102	79	108	92	131	74
87	72	54	59	66	70	39	81	56
53	35	42	45	36	106	29	34	29
44	15	23	29	31	19	42	24	22
32	3	7	12	97	10047			

CHECK SUM ERROR --

10380

10107

AMERICAN SAMOA 1956

AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	2194	10.74	1813	8.88	121.01
5-9	1453	8.02	1574	7.71	105.02
10-14	1469	7.19	1338	6.55	109.79
15-19	1082	5.30	1067	5.22	101.41
20-24	793	3.88	840	4.11	94.40
25-29	583	2.85	765	3.75	76.21
30-34	590	2.89	596	2.92	98.99
35-39	464	2.22	484	2.37	93.87
40-44	327	1.54	356	1.74	111.92
45-49	326	1.60	310	1.52	105.16
50-54	244	1.19	225	1.10	108.44
55-59	200	.98	234	1.18	85.47
60-64	129	.63	138	.68	93.48
65-69	97	.47	138	.68	70.29
70-74	76	.37	72	.35	105.56
75+	83	.41	97	.47	85.57
TOTAL	10380	50.82	10047	49.18	103.31

TOTAL POPULATION = 20427

CALCULATION OF AGE-ACCURACY INDEX

AGE	POPULATION				ANALYSIS OF AGE RATIOS			
	MALE	FEMALE	RATIO	DEVIATION FROM 100	MALE	FEMALE	RATIO	DEVIATION FROM 100
	(N)	(N)	(R)	(R)	(R)	(R)	(R)	(R)
UNDER 5 YEARS	2194	1813	95.28	-6.72	99.94	99.94	-0.06	
5 TO 9 YEARS	1653	1574	104.83	4.83	100.88	100.88	.88	
10 TO 14 YEARS	1469	1338	97.07	-2.93	98.64	98.64	-1.36	
15 TO 19 YEARS	1082	1067	96.79	-3.21	94.31	94.31	-5.69	
20 TO 24 YEARS	793	840	88.94	-11.06	104.27	104.27	4.27	
25 TO 29 YEARS	583	765	108.12	8.12	96.91	96.91	-3.09	
30 TO 34 YEARS	590	596	95.93	-4.07	101.11	101.11	1.11	
35 TO 39 YEARS	484	484	100.34	.34	92.87	92.87	-7.13	
40 TO 44 YEARS	397	356	101.34	1.34	106.38	106.38	6.38	
45 TO 49 YEARS	326	310	95.06	-4.94	87.78	87.78	-12.22	
50 TO 54 YEARS	244	225	104.21	4.21	112.59	112.59	12.59	
55 TO 59 YEARS	200	234	90.85	-9.15	81.18	81.18	-18.82	
60 TO 64 YEARS	129	138	96.36	-3.64	116.97	116.97	16.97	
65 TO 69 YEARS	97	72	(R)	(R)	(R)	(R)	(R)	
70 TO 74 YEARS	76	97	(R)	(R)	(R)	(R)	(R)	
75 YEARS AND OVER	83	97	(R)	(R)	(R)	(R)	(R)	

TOTAL (ABS-VALUE) (R) 64.84 (R) 95.57
 MEAN (R) (R) 6.99 (R) 7.35

OVERALL AGE-ACCURACY INDEX = 6.17

THE AGE-RATIO IS $300 \cdot \frac{P(A)}{P(A-5)} \cdot \frac{P(A)}{P(A+5)}$.

REFERENCE: SHRYOCK B SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1940 (FOURTH PRINTING), PP. 218-219.

CALCULATION OF U.M. AGE-SEX ACCURACY INDEX
POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	MALE		FEMALE		SUCCESSIVE DIFFERENCES		MALE		FEMALE	
	MALE	FEMALE	RATIO	RATIO	SUCCESSIVE DIFFERENCES	RATIO	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	2194	1813	121.07	(X)	(X)	90.25	(X)	-9.75	99.90	(X)
5 TO 9 YEARS	1653	1574	105.02	-16.00	4.37	107.42	7.42	7.42	101.33	-1.33
10 TO 14 YEARS	1669	1338	109.79	-8.38	8.38	95.67	-4.33	-4.33	97.98	-2.02
15 TO 19 YEARS	1082	1067	101.41	-7.00	7.00	95.26	-4.74	-4.74	91.70	-8.30
20 TO 24 YEARS	793	840	94.40	-18.20	18.20	86.31	-15.69	-15.69	106.55	6.55
25 TO 29 YEARS	583	765	76.21	22.78	22.78	112.70	12.70	12.70	95.44	-4.56
30 TO 34 YEARS	590	594	98.99	-3.13	3.13	96.02	-3.98	-3.98	101.68	1.68
35 TO 39 YEARS	464	484	95.67	15.65	15.65	100.51	.51	.51	89.67	-10.33
40 TO 44 YEARS	397	556	111.52	-6.36	6.36	107.72	1.72	1.72	106.71	6.71
45 TO 49 YEARS	326	310	105.16	3.28	3.28	92.76	-7.22	-7.22	82.72	-17.28
50 TO 54 YEARS	244	225	108.44	-22.97	22.97	107.24	7.24	7.24	128.93	28.93
55 TO 59 YEARS	200	234	85.47	8.01	8.01	86.87	-13.13	-13.13	74.19	-25.81
60 TO 64 YEARS	129	138	91.58	-23.19	23.19	94.63	-5.37	-5.37	131.43	31.43
65 TO 69 YEARS	97	138	70.29	55.27	55.27	(X)	(X)	(X)	(X)	(X)
70 TO 74 YEARS	76	72	105.56	(X)	(X)	(X)	(X)	(X)	(X)	(X)
75 YEARS AND OVER	83	97	85.57	(X)	(X)	(X)	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE)	(X)	(X)	(X)	194.98	(X)	95.80	(X)	145.01
MEAN	(X)	(X)	(X)	13.93	(X)	7.37	(X)	11.15

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS
= 60.31

THE AGE RATIO IS $200 \cdot (PM) / (P(A-5) + P(A+5))$.

NOTE: U.M. SUBELINES DESCRIBE CENSUS DATA AS "ACCURATE," "INACCURATE," "HIGHLY INACCURATE" OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE U.M. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.

REFERENCES: UNITED NATIONS, "METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES," MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.

SMYTH & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 221-223.

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION ANALYSIS OF SEX RATIOS				ANALYSIS OF AGE RATIOS				DEVIATION FROM 100
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	GROUP TOTAL	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	
UNDER 5 YEARS	2194	1813	121.04	(X)	(X)	(X)	(X)	(X)	(X)
5 TO 9 YEARS	1653	1574	105.02	-16.00	3647	3587	85.94	-14.06	-7.06
10 TO 14 YEARS	1469	1338	109.77	4.77	3122	2912	94.11	-5.89	-8.10
15 TO 19 YEARS	1082	1067	101.41	-8.38	2511	2405	84.83	-15.17	-11.27
20 TO 24 YEARS	793	840	94.50	-7.00	1875	1907	84.59	-15.41	-11.90
25 TO 29 YEARS	583	765	76.21	-18.20	1376	1605	84.74	-15.26	-4.67
30 TO 34 YEARS	580	594	98.98	22.78	1173	1361	109.60	.60	-12.42
35 TO 39 YEARS	464	484	95.82	-3.13	1054	1080	88.05	-11.95	-10.37
40 TO 44 YEARS	397	356	111.52	15.65	841	840	92.22	-7.78	-15.24
45 TO 49 YEARS	326	310	105.16	-6.56	723	666	90.18	-9.82	-6.91
50 TO 54 YEARS	244	225	108.42	3.28	570	535	85.61	-14.39	-15.89
55 TO 59 YEARS	200	234	85.47	-22.97	444	459	94.09	-9.91	1.96
60 TO 64 YEARS	829	138	93.48	8.01	329	372	78.62	-21.58	-25.81
65 TO 69 YEARS	97	72	70.29	-23.19	226	276	85.84	-14.16	.00
70 TO 74 YEARS	76	97	105.54	(X)	(X)	(X)	(X)	(X)	(X)
75 YEARS AND OVER	83	97	85.57	(X)	(X)	(X)	(X)	(X)	(X)
TOTAL (ABS. VAL.)	10380	10047	(X)	159.72	(X)	(X)	(X)	155.99	(X)

RATIOS: RI = 113.58 = INITIAL PAIRED SEX RATIO
 RT = 97.88 = TERMINAL PAIRED SEX RATIO
 RHM = 114.06 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 5.84 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHF = 107.06 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 8.15 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES: I = 9.85 = SEX-RATIO INDEX
 IIM = 1.27 = AGE-RATIO INDEX (MALE)
 IIF = 1.24 = AGE-RATIO INDEX (FEMALE)
 I = 9.85 = SEX-RATIO INDEX
 IIM = 1.27 = AGE-RATIO INDEX (MALE)
 IIF = 1.24 = AGE-RATIO INDEX (FEMALE)

GROUPED ACCURACY INDEX = I * IIM * IIF = 15.50

NOTE: CENSUS DATA ARE DESCRIBED AS 'ACCURATE', 'IMACCURATE', OR 'HIGHLY INACCURATE' DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 75, OR OVER 75.

REFERENCE: AJIT DAS GUPTA, 'ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS', 'PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954 (ROME)', UNITED NATIONS, VOL. IV, 1955, PP. 63-74.

CALCULATION OF PREFERENCE INDEXES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1956

MALE POPULATION

(AGE RANGE COVERED IS 20 TO 69.)

TERMINAL DIGIT 'A'	POPULATION WITH TERMINAL DIGIT 'A'	STARTING WITH 20	STARTING WITH 30	WEIGHTS FOR: COL.1	COL.2	NUMBER	BLENDED POPULATION PERCENT	DEVIATION OF PERCENT FROM 10.000
0	513	312	1	9	3321	10.583	-0.583	
1	391	237	2	8	2678	8.534	-1.466	
2	662	309	3	7	3549	11.309	1.309	
3	368	237	4	6	2894	9.222	-0.778	
4	619	265	5	5	3420	10.898	0.898	
5	289	181	6	4	2458	7.833	-2.167	
6	440	302	7	3	3986	12.702	2.702	
7	287	180	8	2	2656	8.464	-1.536	
8	363	242	9	1	3509	11.182	1.182	
9	291	182	10	0	2910	9.273	-0.727	
TOTAL	3823	2447	6M)	(M)	31381	100.000	13.349	

SUMMARY INDEX OF AGE PREFERENCE = 6.674

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 206-208.

CALCULATION OF PREFERENCE INDEXES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1956

FEMALE POPULATION

(CASE RANGE COVERED IS 20 TO 69.)

TERMINAL DIGIT "A"	POPULATION WITH TERMINAL DIGIT "A" STARTING WITH 20	WEIGHTS FOR: COL-1	WEIGHTS FOR: COL-2	BLENDED POPULATION NUMBER	BLENDED POPULATION PERCENT	DEVIATION OF PERCENT FROM 10.000
0	529	1	9	3652	10.907	.907
1	362	2	8	2444	7.299	-2.701
2	497	3	7	3528	10.537	.537
3	376	4	6	2866	8.560	-1.440
4	391	5	5	3130	9.348	-.652
5	342	6	4	2900	8.661	-1.339
6	463	7	3	4150	12.395	2.395
7	345	8	2	3164	9.450	-.550
8	432	9	1	4158	12.419	2.419
9	349	10	0	3490	10.424	.424
TOTAL	4086	2481	6X	33482	100.000	13.362

SUMMARY INDEX OF AGE PREFERENCE = 6.681

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 206-208.

CALCULATION OF PREFERENCE INDEXES FOR TERMINAL DIGITS BY MYERS' BLENDED METHOD

AMERICAN SAMOA 1956

TOTAL POPULATION

(AGE RANGE COVERED IS 20 TO 69.9)

TERMINAL DIGIT "A"	POPULATION WITH TERMINAL DIGIT "A"	STARTING WITH 20	WEIGHTS FOR:	STARTING WITH 30	COL-1	COL-2	NUMBER	PERCENT	BLENDED POPULATION	PERCENT	DEVIATION OF PERCENT FROM 10.000
0	1042	659	1	9	6973	10.750	6973	10.750	10.750	10.750	.750
1	753	452	2	8	5122	7.897	5122	7.897	7.897	7.897	-2.103
2	959	600	3	7	7077	10.911	7077	10.911	10.911	10.911	.911
3	744	464	4	6	5760	8.880	5760	8.880	8.880	8.880	-1.120
4	810	500	5	5	6550	10.098	6550	10.098	10.098	10.098	.098
5	631	393	6	4	5358	8.260	5358	8.260	8.260	8.260	-1.740
6	903	605	7	3	8136	12.543	8136	12.543	12.543	12.543	2.543
7	632	382	8	2	5820	8.973	5820	8.973	8.973	8.973	-1.027
8	795	512	9	1	7667	11.820	7667	11.820	11.820	11.820	1.820
9	640	361	10	0	6400	9.867	6400	9.867	9.867	9.867	-.133
TOTAL	7909	4928	84	84	64863	100.000	64863	100.000	100.000	100.000	12.246

SUMMARY INDEX OF AGE PREFERENCE = 6.123

NOTE: INDEX IS ONE-HALF OF THE SUM OF THE ABSOLUTE DEVIATIONS.

REFERENCE: SURVOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY, 1980 (FOURTH PRINTING), PP. 206-208.

WHIPPLE'S INDEX OF DIGITAL PREFERENCE -- AMERICAN SAMOA 1956

POPULATION	TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
MALE	3	18 TO 57	3988	350	87.76	-12.24
	4	19 TO 58	3785	388	102.51	2.51
	5	20 TO 59	3597	277	77.01	-22.99
	6	21 TO 60	3434	419	122.02	22.02
	7	22 TO 61	3296	258	78.28	-21.72
	8	23 TO 62	3169	348	109.81	9.81
	9	24 TO 63	3056	271	88.68	-11.32
FEMALE	0	25 TO 64	2933	312	106.58	6.58
	1	26 TO 65	2837	237	83.54	-16.46
	2	27 TO 66	2720	309	113.60	13.60

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 69.53
WHIPPLE'S INDEX FOR O'S & 5'S (BASED ON AGES 23 TO 62) = 92.93

POPULATION	TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
MALE	3	18 TO 57	4164	353	85.18	-14.82
	4	19 TO 58	3955	362	91.53	-8.47
	5	20 TO 59	3840	311	81.63	-18.37
	6	21 TO 60	3672	444	120.92	20.92
	7	22 TO 61	3540	303	85.59	-14.41
	8	23 TO 62	3361	408	121.39	21.39
	9	24 TO 63	3235	327	101.08	1.08
FEMALE	0	25 TO 64	3108	347	111.65	11.65
	1	26 TO 65	3009	215	71.45	-28.55
	2	27 TO 66	2868	291	101.66	1.66

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 70.56
WHIPPLE'S INDEX FOR O'S & 5'S (BASED ON AGES 23 TO 62) = 97.89

POPULATION	TERMINAL DIGIT	AGE RANGE FOR INDEX	POPULATION IN RANGE	POPULATION AT TERMINAL DIGIT	INDEX VALUE	DEVIATION FROM 100.
TOTAL	3	18 TO 57	8132	703	86.65	-13.35
	4	19 TO 58	7740	750	94.90	-3.10
	5	20 TO 59	7407	588	79.38	-20.62
	6	21 TO 60	7186	863	121.45	21.45
	7	22 TO 61	6856	561	82.07	-17.93
	8	23 TO 62	6530	756	115.77	15.77
	9	24 TO 63	6291	598	95.06	-4.94
TOTAL	0	25 TO 64	6041	659	109.09	9.09
	1	26 TO 65	5846	452	77.32	-22.68
	2	27 TO 66	5588	600	107.37	7.37

ONE-HALF OF SUM OF ABSOLUTE DEVIATIONS = 68.25
WHIPPLE'S INDEX FOR O'S & 5'S (BASED ON AGES 23 TO 62) = 95.48

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 203-206.

ENDING AGE FOR INTERPOLATION, 74, IS TOO HIGH.
END WILL BE AGE 70.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAMOA 1956

MALE POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING					AVERAGE REPORTED VALUE	DIFFERENCE AMOUNT	DIFFERENCE PERCENT	
	0-4	1-5	2-6	3-7	4-8				
5 YEARS	354	375	364	358	349	360	339	-21	-5.83
6 YEARS	339	356	355	356	350	351	356	5	1.42
7 YEARS	328	339	345	349	347	342	324	-18	-5.26
8 YEARS	319	324	334	339	341	331	315	-16	-4.83
9 YEARS	313	311	320	327	332	321	319	-2	-.62
10 YEARS	308	299	307	314	320	310	315	5	1.61
11 YEARS	307	288	293	299	307	299	326	27	9.03
12 YEARS	302	277	278	284	292	287	288	1	.35
13 YEARS	286	268	261	267	276	272	279	7	2.57
14 YEARS	266	259	247	249	259	256	261	5	1.95
15 YEARS	248	250	238	233	241	242	288	-54	-22.31
16 YEARS	230	242	250	223	226	230	238	8	3.48
17 YEARS	213	235	222	216	212	220	222	2	.91
18 YEARS	201	224	216	208	201	210	230	20	9.52
19 YEARS	200	207	206	201	190	199	204	5	2.51
20 YEARS	179	187	192	193	179	184	201	15	8.06
21 YEARS	169	167	175	178	168	171	184	-17	-9.94
22 YEARS	159	147	160	162	158	157	157	-4	-2.55
23 YEARS	148	132	144	147	148	144	151	-13	-9.03
24 YEARS	138	127	131	131	138	138	154	21	15.79
25 YEARS	128	127	126	121	128	126	108	-18	-14.29
26 YEARS	118	127	123	116	122	122	138	16	13.11
27 YEARS	112	128	120	121	120	120	107	-13	-10.83
28 YEARS	111	126	117	123	120	119	121	2	1.68
29 YEARS	114	122	115	126	121	120	109	-11	-9.17
30 YEARS	108	116	113	126	122	119	144	25	21.01
31 YEARS	122	110	110	121	120	117	94	-23	-19.66
32 YEARS	105	105	108	111	118	113	139	26	23.01
33 YEARS	116	102	107	103	112	108	107	-1	-.93
34 YEARS	110	99	104	95	107	103	106	3	2.91
35 YEARS	103	98	103	89	101	98	68	-31	-31.31
36 YEARS	96	97	100	90	97	96	102	6	6.25
37 YEARS	91	96	98	93	94	94	87	-7	-7.45
38 YEARS	88	95	95	96	91	93	127	34	36.56
39 YEARS	86	92	93	99	88	92	80	-12	-13.04
40 YEARS	84	88	89	98	86	89	72	-17	-19.10
41 YEARS	82	85	85	93	83	86	94	8	9.30
42 YEARS	80	81	82	84	79	81	97	16	19.75
43 YEARS	77	77	79	76	75	77	68	-9	-11.69

44 YEARS	74	75	75	68	72	73	66	-7	-9.59
45 YEARS	71	73	70	61	69	69	66	-3	-4.35
46 YEARS	69	70	65	58	65	65	74	9	13.85
47 YEARS	66	68	60	58	62	63	47	-16	-25.40
48 YEARS	62	65	55	57	58	59	73	14	23.73
49 YEARS	58	60	52	55	54	56	66	10	17.86
50 YEARS	55	55	53	55	50	54	58	4	7.41
51 YEARS	51	50	57	55	46	52	33	-19	-36.54
52 YEARS	47	45	60	47	48	51	47	-4	-7.84
53 YEARS	44	43	63	46	50	52	44	-8	-15.38
54 YEARS	45	44	65	50	51	52	62	10	19.23
55 YEARS	44	42	57	56	54	51	35	-16	-31.37
56 YEARS	43	43	46	51	53	47	105	58	123.40
57 YEARS	41	44	34	42	48	42	17	-25	-59.52
58 YEARS	38	44	25	33	40	36	27	-9	-25.00
59 YEARS	34	39	19	27	32	30	16	-14	-46.67
60 YEARS	31	33	16	20	25	25	38	13	52.00
61 YEARS	28	28	18	20	19	23	16	-7	-30.43
62 YEARS	25	24	20	21	18	22	26	4	18.18
63 YEARS	23	19	21	22	20	21	18	-3	-14.29
64 YEARS	22	17	21	22	21	21	31	10	47.62
65 YEARS	21	15	23	21	21	20	12	-8	-60.00
66 YEARS	20	14	23	23	22	20	21	1	3.00
67 YEARS	19	16	24	23	22	21	29	8	38.10
68 YEARS	19	19	23	23	22	21	15	-6	-28.57
69 YEARS	18	24	20	21	21	21	20	-1	-4.76
70 YEARS	17	33	18	19	20	21	21	0	.00

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAROA 1956

MALE POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHTED	UNWEIGHTED
5	-15.62	-21.35
6	11.06	23.79
7	-7.65	-9.92
8	4.49	1.87
9	-2.98	-7.70
0	5.60	10.14
1	-4.14	-13.04
2	5.44	8.48
3	-4.01	-8.12
4	6.58	12.99
SUMMARY INDEX	33.81	58.70

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SAROA 1956

FEMALE POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING				AVERAGE VALUE	REPORTED VALUE	DIFFERENCE AMOUNT	DIFFERENCE PERCENT
	0-4	5-9	1-5,6-0	2-6,7-1					3-7,8-2	4-8,9-3
5 YEARS	333	341	333	337	329	316	-19	-5.67
6 YEARS	324	335	324	326	321	339	13	3.99
7 YEARS	315	324	314	315	313	331	15	4.75
8 YEARS	306	312	304	304	305	288	-18	-5.88
9 YEARS	296	289	294	293	296	300	4	1.35
10 YEARS	287	286	284	283	287	296	11	3.86
11 YEARS	278	271	274	274	278	255	-20	-7.27
12 YEARS	269	255	263	264	264	279	15	5.68
13 YEARS	258	241	253	255	259	259	6	2.37
14 YEARS	246	235	242	246	250	249	5	2.05
15 YEARS	235	231	232	236	241	191	-44	-18.72
16 YEARS	224	226	222	226	229	234	9	4.00
17 YEARS	213	223	215	218	218	245	29	13.43
18 YEARS	203	216	202	205	204	223	17	8.25
19 YEARS	192	204	194	196	194	174	-21	-10.77
20 YEARS	182	189	185	186	178	182	-2	-1.09
21 YEARS	172	174	170	177	168	147	-27	-15.52
22 YEARS	165	159	171	168	162	206	61	24.85
23 YEARS	161	163	163	159	159	149	-9	-5.70
24 YEARS	160	150	158	149	156	156	1	.65
25 YEARS	159	156	155	143	153	130	-23	-15.03
26 YEARS	159	162	154	142	151	160	6	3.90
27 YEARS	156	169	153	145	147	143	-11	-7.14
28 YEARS	150	169	153	148	144	162	9	5.88
29 YEARS	141	158	150	151	141	170	22	14.86
30 YEARS	133	140	142	151	138	163	22	15.60
31 YEARS	124	123	131	141	134	91	-40	-30.53
32 YEARS	117	106	121	127	129	132	12	10.00
33 YEARS	113	94	110	115	122	108	-3	-2.70
34 YEARS	109	92	101	109	115	102	-2	-1.92
35 YEARS	105	97	99	91	109	79	-21	-21.00
36 YEARS	102	100	98	90	102	108	10	10.20
37 YEARS	99	103	97	92	96	97	-5	-5.15
38 YEARS	92	103	96	93	90	131	36	37.89
39 YEARS	86	98	94	95	84	74	-17	-18.68
40 YEARS	80	88	89	94	77	87	1	1.16
41 YEARS	74	79	82	88	72	74	-5	-6.35
42 YEARS	69	70	76	78	70	82	9	12.33
43 YEARS	67	65	70	69	68	54	-13	-19.40

44 YEARS	66	61	66	60	67	64	59	-5	-7.81
45 YEARS	66	62	61	54	66	62	66	4	6.45
46 YEARS	65	62	58	52	65	60	70	10	16.67
47 YEARS	64	63	55	53	61	59	39	-20	-33.90
48 YEARS	60	62	52	54	56	57	81	24	62.11
49 YEARS	55	58	50	54	51	54	54	0	.00
50 YEARS	50	52	51	55	46	51	53	2	3.92
51 YEARS	43	47	54	55	44	49	35	-14	-28.57
52 YEARS	42	41	57	55	45	48	50	2	4.17
53 YEARS	43	37	60	55	48	49	42	-7	-14.29
54 YEARS	45	39	60	56	50	50	45	-5	-10.00
55 YEARS	47	44	55	53	54	51	36	-15	-29.41
56 YEARS	50	47	47	50	54	50	106	56	112.00
57 YEARS	51	52	40	44	50	47	29	-18	-38.30
58 YEARS	46	53	33	37	42	42	34	-8	-19.05
59 YEARS	40	49	27	31	36	37	29	-8	-21.62
60 YEARS	35	61	25	27	28	31	44	13	41.94
61 YEARS	28	34	26	26	24	28	15	-13	-46.43
62 YEARS	25	29	26	28	24	26	27	1	3.85
63 YEARS	24	24	26	28	26	24	21	-3	-11.54
64 YEARS	26	20	25	29	28	26	29	3	11.54
65 YEARS	27	18	26	29	29	26	31	5	19.23
66 YEARS	28	18	26	29	29	28	19	-7	-26.92
67 YEARS	28	20	26	29	30	27	42	13	55.56
68 YEARS	28	23	26	27	29	27	24	-3	-11.11
69 YEARS	27	33	25	25	27	27	22	-5	-18.52
70 YEARS	25	45	24	22	24	28	32	4	14.29

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA 1956

FEMALE POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHTED	AVERAGE PERCENT DEVIATION UNWEIGHTED
5	-11.75	-9.17
6	10.33	17.69
7	.53	-1.54
8	6.43	6.30
9	-2.95	-7.62
0	6.33	11.38
1	-16.17	-22.44
2	11.49	10.15
3	-4.37	-8.54
4	-0.67	-0.92

SUMMARY INDEX 35.41 48.87

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: INTERPOLATED VALUES

AMERICAN SARDA 1956

TOTAL POPULATION

AGE	INTERPOLATION BASED ON AGES ENDING								AVERAGE VALUE	REPORTED VALUE	DIFFERENCE AMOUNT	DIFFERENCE FROM AVERAGE PERCENT
	0-4	5-9	1-5	6-0	2-6	7-1	3-7	8-2					4-8	9-3
5 YEARS	688	716	697	697	697	681	671	695	655	-60	-5.76	
6 YEARS	663	689	679	681	681	663	660	677	695	18	2.66	
7 YEARS	642	663	659	663	663	643	645	657	655	-2	-.30	
8 YEARS	625	636	638	643	643	621	628	637	603	-34	-5.34	
9 YEARS	609	610	615	621	621	615	628	617	619	2	.32	
10 YEARS	596	585	591	592	592	585	602	595	611	16	2.69	
11 YEARS	585	559	566	573	573	561	585	574	581	7	1.22	
12 YEARS	570	541	541	547	547	541	561	550	567	17	3.09	
13 YEARS	544	510	514	521	521	514	535	525	538	13	2.48	
14 YEARS	512	493	489	494	494	494	509	499	510	11	2.20	
15 YEARS	483	481	470	471	471	471	482	472	472	-98	-20.55	
16 YEARS	454	468	452	449	449	455	455	456	472	16	3.51	
17 YEARS	427	438	434	431	431	431	430	436	467	31	7.11	
18 YEARS	403	441	441	416	416	416	405	416	453	37	8.89	
19 YEARS	382	411	400	397	397	381	381	394	378	-16	-4.06	
20 YEARS	361	375	377	379	379	357	357	370	383	13	3.51	
21 YEARS	347	341	353	355	355	336	336	345	391	-44	-12.75	
22 YEARS	324	305	330	330	330	320	320	322	359	37	11.49	
23 YEARS	309	282	307	305	305	307	307	302	280	-22	-7.28	
24 YEARS	298	277	290	280	280	294	294	288	310	22	7.64	
25 YEARS	287	283	281	266	266	282	282	279	238	-41	-14.70	
26 YEARS	277	289	277	281	281	272	272	275	298	23	8.36	
27 YEARS	268	297	273	266	266	267	267	274	250	-24	-8.76	
28 YEARS	261	295	270	270	270	264	264	272	283	11	4.04	
29 YEARS	255	280	265	277	277	261	261	268	279	11	4.10	
30 YEARS	250	256	255	277	277	260	260	260	307	47	18.08	
31 YEARS	246	234	241	262	262	256	256	248	385	-63	-25.60	
32 YEARS	240	211	229	239	239	246	246	235	271	38	16.31	
33 YEARS	234	195	216	218	218	234	234	219	215	-4	-1.83	
34 YEARS	214	191	207	196	196	222	222	207	208	1	.48	
35 YEARS	209	195	201	181	181	210	210	199	147	-52	-26.13	
36 YEARS	199	197	198	179	179	199	199	194	210	16	8.25	
37 YEARS	188	200	195	185	185	190	190	192	258	-13	-6.77	
38 YEARS	180	180	191	184	184	181	181	188	258	70	37.23	
39 YEARS	172	189	186	194	194	172	172	183	154	-29	-15.85	
40 YEARS	164	176	178	192	192	163	163	175	159	-16	-9.14	
41 YEARS	156	163	168	181	181	154	154	164	168	4	2.44	
42 YEARS	149	151	158	162	162	149	149	154	179	25	16.23	
43 YEARS	144	142	149	145	145	144	144	145	122	-23	-15.86	

44 YEARS	140	136	139	128	139	136	125	-11	-8.09
45 YEARS	137	134	132	115	135	131	132	1	.76
46 YEARS	134	132	124	110	130	126	144	18	14.29
47 YEARS	130	131	116	111	123	122	86	-36	-29.51
48 YEARS	122	127	106	111	114	116	154	38	32.76
49 YEARS	113	118	102	110	105	110	120	10	9.09
50 YEARS	105	107	104	109	96	104	111	7	6.73
51 YEARS	96	97	111	110	92	101	68	-33	-32.67
52 YEARS	90	86	117	110	92	99	97	-2	-2.02
53 YEARS	88	79	124	111	97	100	86	-14	-14.00
54 YEARS	90	81	124	113	102	102	107	5	4.90
55 YEARS	91	86	113	111	107	102	71	-31	-30.39
56 YEARS	93	90	94	100	107	97	211	114	117.53
57 YEARS	90	96	76	86	98	89	46	-43	-48.31
58 YEARS	85	97	58	72	82	72	61	-18	-22.78
59 YEARS	75	88	45	58	68	67	45	-22	-32.84
60 YEARS	66	74	42	47	53	56	82	26	46.43
61 YEARS	56	62	44	46	43	50	31	-19	-38.00
62 YEARS	49	52	45	49	42	47	53	6	12.77
63 YEARS	47	44	46	50	46	47	41	-6	-12.77
64 YEARS	49	37	47	51	49	47	60	13	27.66
65 YEARS	49	33	49	51	50	46	43	-3	-6.52
66 YEARS	48	32	50	52	51	47	40	-7	-14.89
67 YEARS	47	35	50	51	52	47	71	24	51.06
68 YEARS	46	44	49	49	51	48	39	-9	-18.75
69 YEARS	45	57	45	46	48	48	42	-6	-12.50
70 YEARS	42	77	42	40	43	49	53	4	8.16

NOTE: SPRAGUE MULTIPLIERS ARE USED.

MEASURE OF DIGITAL PREFERENCE BASED ON MULTIPLE INTERPOLATIONS: SUMMARY MEASURES

AMERICAN SAMOA 1956

TOTAL POPULATION

(BASED ON AGES 5 TO 70)

AGES ENDING IN DIGIT:	AVERAGE PERCENT DEVIATION WEIGHTED	AVERAGE PERCENT DEVIATION UNWEIGHTED
5	-13.69	-14.75
6	10.58	19.96
7	-3.67	-5.07
8	5.41	5.15
9	-2.86	-7.39
0	6.03	10.92
1	-9.89	-17.53
2	8.61	9.65
3	-4.19	-8.21
4	3.21	5.80

SUMMARY INDEX 34.06 32.21

SUMMARY INDEX IS ONE-HALF OF THE SUM OF ABSOLUTE VALUES OF THE AVERAGE PERCENT DEVIATIONS.

THE END -- AGE SEX ANALYSIS

End of 1956

1950

AMERICAN SAMOA 1950

CALCULATION OF AGE-ACCURACY INDEX

AGE	POPULATION		ANALYSIS OF AGE RATIOS			
	MALE	FEMALE	MALE		FEMALE	
			RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	1839	1699	(X)	(X)	(X)	(X)
5 TO 9 YEARS	1542	1333	100.19	.19	96.45	-3.55
10 TO 14 YEARS	1236	1114	94.71	-5.29	96.28	-3.72
15 TO 19 YEARS	1137	1024	108.39	8.39	102.61	2.61
20 TO 24 YEARS	774	856	86.48	-13.52	97.57	-2.43
25 TO 29 YEARS	774	752	107.20	7.20	105.87	5.87
30 TO 34 YEARS	608	523	95.55	-4.45	89.81	-10.19
35 TO 39 YEARS	527	472	108.14	8.14	107.35	7.35
40 TO 44 YEARS	327	324	83.28	-16.72	90.17	-9.83
45 TO 49 YEARS	324	282	108.48	8.48	99.06	-0.94
50 TO 54 YEARS	245	248	104.70	4.70	111.54	11.54
55 TO 59 YEARS	133	137	81.60	-18.40	77.99	-22.01
60 TO 64 YEARS	111	142	94.07	-5.93	120.68	20.68
65 TO 69 YEARS	110	74	114.58	14.58	78.45	-21.55
70 TO 74 YEARS	67	67	(X)	(X)	(X)	(X)
75 YEARS AND OVER	64	72	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE) (X) (X) 116.51 (X) 122.27
 MEAN (X) (X) 8.96 (X) 9.41

OVERALL AGE-ACCURACY INDEX = 9.18

THE AGE-RATIO IS $300 \cdot P(A) / (P(A-5) + P(A) + P(A+5))$.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 218-219.

AMERICAN SAMOA 1950

CALCULATION OF U.N. AGE-SEX ACCURACY INDEX
POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	POPULATION		ANALYSIS OF SEX RATIOS			ANALYSIS OF AGE RATIOS		
	MALE	FEMALE	SUCCESSIVE DIFFERENCES	RATIO	MALE DEVIATION FROM 100	RATIO	FEMALE DEVIATION FROM 100	
UNDER 5 YEARS.....	1839	1692	108.24	(X)	100.29	94.77	(X)	
5 TO 9 YEARS.....	1542	1333	115.68	7.44	92.27	94.53	-5.23	
10 TO 14 YEARS.....	1236	1114	110.95	-4.73	113.13	103.96	3.96	
15 TO 19 YEARS.....	1137	1024	111.04	.08	81.00	96.40	-3.60	
20 TO 24 YEARS.....	774	856	90.42	-20.61	112.01	109.06	9.06	
25 TO 29 YEARS.....	774	752	102.93	12.50	93.47	85.46	-14.54	
30 TO 34 YEARS.....	638	523	116.25	13.33	112.73	111.45	11.45	
35 TO 39 YEARS.....	527	472	111.65	-4.60	113.29	98.60	-14.06	
40 TO 44 YEARS.....	527	324	100.93	-10.73	107.22	118.38	18.38	
45 TO 49 YEARS.....	324	282	114.89	13.97	74.72	70.26	-29.74	
50 TO 54 YEARS.....	245	248	98.79	-16.10	91.36	134.60	34.60	
55 TO 59 YEARS.....	133	137	97.08	-1.71	123.60	70.81	-29.19	
60 TO 64 YEARS.....	111	142	78.17	-38.91	(X)	(X)	(X)	
65 TO 69 YEARS.....	110	74	148.55	70.48	(X)	(X)	(X)	
70 TO 74 YEARS.....	67	67	100.00	-48.65	(X)	(X)	(X)	
75 YEARS AND OVER.	64	72	88.89	(X)	(X)	(X)	(X)	
TOTAL (ABS. VALUE).	(X)	(X)	(X)	243.84	(X)	172.60	180.68	
MEAN.....	(X)	(X)	(X)	17.42	(X)	13.28	13.90	

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS

= 79.43

THE AGE RATIO IS $200 \cdot P(A) / (P(A-5) + P(A+5))$.

NOTE: U.N. GUIDELINES DESCRIBE CENSUS DATA AS "ACCURATE," "INACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE U.N. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.

REFERENCES: UNITED NATIONS, "METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES," MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.

SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 221-223.

AMERICAN SAMOA · 1950

AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	1839	9.71	1699	9.97	108.24
5-9	1542	8.14	1333	7.04	115.68
10-14	1236	6.53	1114	5.88	110.95
15-19	1137	6.00	1024	5.41	111.04
20-24	774	4.09	856	4.52	90.42
25-29	774	4.09	752	3.97	102.93
30-34	608	3.21	523	2.76	116.25
35-39	527	2.78	472	2.49	111.65
40-44	327	1.73	324	1.71	100.93
45-49	324	1.71	282	1.49	114.89
50-54	245	1.29	248	1.31	98.79
55-59	133	.70	137	.72	97.08
60-64	111	.59	142	.75	78.17
65-69	110	.58	74	.39	148.65
70-74	67	.35	67	.35	100.00
75+	64	.34	72	.38	88.89
TOTAL	9818	51.85	9119	48.15	107.67

TOTAL POPULATION = 18937

End of 1950

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION		ANALYSIS OF SEX RATIOS										ANALYSIS OF AGE RATIOS			DEVIATION FROM 100	
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	GROUP TOTAL	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	GROUP TOTAL	PAIRED AGE GROUP TOTAL	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100	
UNDER 5 YEARS	1839	1659	108.24	(X)	3381	3032	91.22	(X)	3032	3032	87.93	(X)	87.93	87.93	-12.07		
5 TO 9 YEARS	1542	1333	115.68	7.44	2778	2447	93.98	-8.78	2447	2447	91.05	-11.02	91.05	91.05	-8.95		
10 TO 14 YEARS	1236	1114	110.95	-4.73	2373	2138	95.83	-4.17	2138	2138	95.79	-4.21	95.79	95.79	-4.21		
15 TO 19 YEARS	1137	1024	111.04	.08	1911	1880	81.00	-19.00	1880	1880	91.06	-8.94	91.06	91.06	-8.94		
20 TO 24 YEARS	774	856	90.42	-20.61	1548	1508	100.00	.00	1508	1508	93.53	-6.47	93.53	93.53	-6.47		
25 TO 29 YEARS	774	752	102.93	12.50	1382	1275	87.99	-12.01	1275	1275	82.04	-17.96	82.04	82.04	-17.96		
30 TO 34 YEARS	608	523	116.25	13.33	1135	995	92.86	-7.14	995	995	94.87	-5.13	94.87	94.87	-5.13		
35 TO 39 YEARS	527	472	111.65	-4.60	854	796	76.58	-23.42	796	796	81.41	-18.59	81.41	81.41	-18.59		
40 TO 44 YEARS	327	324	100.93	-10.73	651	606	99.54	-4.46	606	606	93.07	-6.93	93.07	93.07	-6.93		
45 TO 49 YEARS	324	282	114.89	13.97	569	530	86.12	-13.88	530	530	93.58	-6.42	93.58	93.58	-6.42		
50 TO 54 YEARS	245	248	98.79	-16.10	378	385	70.37	-29.63	385	385	71.17	-28.83	71.17	71.17	-28.83		
55 TO 59 YEARS	133	137	97.08	-1.71	244	279	90.98	-9.02	279	279	101.79	1.79	101.79	101.79	1.79		
60 TO 64 YEARS	111	142	78.17	-18.91	221	216	99.55	-4.45	216	216	68.52	-31.48	68.52	68.52	-31.48		
65 TO 69 YEARS	110	74	148.65	70.48	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)		
70 TO 74 YEARS	67	67	100.00	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)		
75 YEARS AND OVER	64	72	88.89	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)		
TOTAL (ABS. VAL.)	9818	9119	(X)	195.19	(X)	(X)	(X)	138.98	(X)	(X)	(X)	(X)	(X)	(X)	157.75		

RATIOS:
 RI = 111.51 = INITIAL PAIRED SEX RATIO
 RT = 102.31 = TERMINAL PAIRED SEX RATIO
 RHM = 108.78 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 6.51 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHF = 112.07 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 4.88 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES:
 I = 14.31 = SEX-RATIO INDEX
 = 1/13 X SUM OF DIFFERENCES MINUS ABS(RI-RT)
 IIM = 1.25 = AGE-RATIO INDEX (MALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHM-100.4RHM-RFM)
 IIF = 1.32 = AGE-RATIO INDEX (FEMALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHF-100.4RHF-RFF)

6 GROUPED ACCURACY INDEX = I * IIM * IIF = 23.68

NOTE: CENSUS DATA ARE DESCRIBED AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 15, OR OVER 15.

REFERENCE: AJIT DAS GUPTA, "ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS," "PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954 (ROME)," UNITED NATIONS, VOL. IV, 1955, PP. 63-74.

1940

AMERICAN SAMOA 1940

CALCULATION OF AGE-ACCURACY INDEX

AGE	POPULATION		ANALYSIS OF AGE RATIOS			
	MALE	FEMALE	MALE		FEMALE	
			RATIO	DEVIATION FROM 100	RATIO	DEVIATION FROM 100
UNDER 5 YEARS	1152	1096	(X)	(X)	(X)	(X)
5 TO 9 YEARS	1034	988	101.57	1.57	101.79	1.79
10 TO 14 YEARS	868	828	99.43	-.57	100.89	.89
15 TO 19 YEARS	717	646	100.66	.66	94.26	-5.74
20 TO 24 YEARS	552	582	93.56	-6.44	99.71	-.29
25 TO 29 YEARS	501	523	106.90	6.90	106.09	6.09
30 TO 34 YEARS	353	374	85.33	-14.67	91.82	-8.18
35 TO 39 YEARS	387	325	114.27	14.27	104.06	4.06
40 TO 44 YEARS	276	238	94.74	-5.26	95.20	-4.80
45 TO 49 YEARS	211	187	96.94	-3.06	96.06	-3.94
50 TO 54 YEARS	166	159	94.68	-5.32	102.14	2.14
55 TO 59 YEARS	149	121	107.71	7.71	100.28	.28
60 TO 64 YEARS	100	82	97.40	-2.60	92.48	-7.52
65 TO 69 YEARS	59	63	88.06	-11.94	103.85	3.85
70 TO 74 YEARS	42	37	(X)	(X)	(X)	(X)
75 YEARS AND OVER	45	47	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE) (X) (X) 80.97 (X) 49.55 (X)

MEAN (X) (X) 6.23 (X) 3.81 (X)

OVERALL AGE-ACCURACY INDEX = 5.02

THE AGE-RATIO IS $300 \cdot P(A) / (P(A-5) \cdot P(A) + P(A+5))$.

REFERENCE: SHRYOCK & SIEGEL, "THE METHODS AND MATERIALS OF DEMOGRAPHY," 1980 (FOURTH PRINTING), PP. 218-219.

AMERICAN SAMOA 1940

CALCULATION OF U.N. AGE-SEX ACCURACY INDEX

POPULATION ANALYSIS OF SEX RATIOS ANALYSIS OF AGE RATIOS

AGE	POPULATION		ANALYSIS OF SEX RATIOS		ANALYSIS OF AGE RATIOS			
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	MALE RATIO	MALE DEVIATION FROM 100	FEMALE RATIO	FEMALE DEVIATION FROM 100
UNDER 5 YEARS	1152	1094	105.11	(X)	(X)	(X)	(X)	(X)
5 TO 9 YEARS	1034	988	104.66	- .45	102.38	2.38	102.70	2.70
10 TO 14 YEARS	868	828	104.83	.18	99.14	- .86	101.35	1.35
15 TO 19 YEARS	717	646	110.99	6.16	100.99	.99	91.63	- 8.37
20 TO 24 YEARS	552	582	94.85	- 16.15	90.64	- 9.36	99.57	- .43
25 TO 29 YEARS	501	523	95.79	.95	110.72	10.72	109.41	9.41
30 TO 34 YEARS	353	374	94.39	- 1.41	79.50	- 20.50	88.21	- 11.79
35 TO 39 YEARS	387	325	119.08	24.69	123.05	23.05	106.21	6.21
40 TO 44 YEARS	276	239	115.97	- 3.11	92.31	- 7.69	92.97	- 7.03
45 TO 49 YEARS	211	187	112.83	- 3.13	95.48	- 4.52	94.21	- 5.79
50 TO 54 YEARS	166	159	104.40	- 8.43	92.22	- 7.78	103.25	3.25
55 TO 59 YEARS	149	121	123.14	18.74	112.03	12.03	100.41	.41
60 TO 64 YEARS	100	82	121.95	- 1.19	96.15	- 3.85	89.13	- 10.87
65 TO 69 YEARS	59	63	93.65	- 28.30	83.10	- 16.90	105.88	5.88
70 TO 74 YEARS	42	37	113.51	19.86	(X)	(X)	(X)	(X)
75 YEARS AND OVER	45	47	95.74	(X)	(X)	(X)	(X)	(X)

TOTAL (ABS. VALUE)	(X)	(X)	(X)	132.75	(X)	120.62	(X)	73.50
MEAN	(X)	(X)	(X)	9.48	(X)	9.28	(X)	5.65

INDEX = 3 TIMES MEAN SEX RATIO DIFFERENCE PLUS MEAN AGE RATIO DEVIATIONS

= 43.38

highly inaccurate

THE AGE RATIO IS $200 \cdot P(A) / (P(A-5) + P(A+5))$.

NOTE: U.N. GUIDELINES DESCRIBE CENSUS DATA AS 'ACCURATE', 'INACCURATE', 'HIGHLY INACCURATE' DEPENDING ON WHETHER THE U.N. INDEX IS UNDER 20, 20 TO 40, OR OVER 40.

REFERENCES: UNITED NATIONS, 'METHODS OF APPRAISAL OF QUALITY OF BASIC DATA FOR POPULATION ESTIMATES,' MANUAL II, POPULATION STUDIES, SERIES A, NO. 23, PP. 42-43.

S HRYOCK & SIEGEL, 'THE METHODS AND MATERIALS OF DEMOGRAPHY,' 1980 (FOURTH PRINTING), PP. 221-223.

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AGE DISTRIBUTION

AGE	MALE		FEMALE		SEX RATIO
	POPULATION	PERCENT	POPULATION	PERCENT	
0-4	1152	8.92	1096	8.49	105.11
5-9	1034	8.01	988	7.65	104.66
10-14	868	6.72	828	6.41	104.83
15-19	717	5.55	646	5.00	110.99
20-24	552	4.28	582	4.51	94.85
25-29	501	3.88	523	4.05	95.79
30-34	353	2.73	374	2.90	94.39
35-39	387	3.00	325	2.52	119.08
40-44	276	2.14	238	1.84	115.97
45-49	211	1.63	187	1.45	112.83
50-54	166	1.29	159	1.23	104.40
55-59	149	1.15	121	.94	123.14
60-64	100	.77	82	.64	121.95
65-69	59	.46	63	.49	93.65
70-74	42	.33	37	.29	113.51
75+	45	.35	47	.36	95.74
TOTAL	6612	51.22	6296	48.78	105.02

TOTAL POPULATION = 12908

End of 1940

CALCULATION OF A. DAS GUPTA'S GROUPED AGE-SEX ACCURACY INDEX

AGE	POPULATION				ANALYSIS OF SEX RATIOS				ANALYSIS OF AGE RATIOS				DEVIATION FROM 100
	MALE	FEMALE	RATIO	SUCCESSIVE DIFFERENCES	GROUP TOTAL	PAIRED AGE	RATIO	DEVIATION FROM 100	GROUP TOTAL	PAIRED AGE	RATIO	DEVIATION FROM 100	
UNDER 5 YEARS	1152	1096	105.11	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
5 TO 9 YEARS	1034	988	104.66	-45	2186	94.60	-5.40	2084	94.82	-5.18			
10 TO 14 YEARS	868	828	104.83	18	1902	91.27	-8.73	1816	91.19	-8.81			
15 TO 19 YEARS	717	646	110.99	6.16	1585	90.47	-9.53	1474	87.65	-12.35			
20 TO 24 YEARS	552	582	94.85	-16.15	1269	87.00	-13.00	1228	94.79	-5.21			
25 TO 29 YEARS	501	523	95.79	.95	1053	95.16	-4.84	1105	94.66	-5.34			
30 TO 34 YEARS	353	374	94.39	-1.41	854	82.67	-17.33	897	83.39	-16.61			
35 TO 39 YEARS	387	325	119.08	24.69	740	104.59	4.59	699	92.99	-7.01			
40 TO 44 YEARS	276	238	115.97	-3.11	663	83.26	-16.74	563	84.55	-15.45			
45 TO 49 YEARS	211	187	112.83	-3.13	487	86.65	-13.35	425	88.00	-12.00			
50 TO 54 YEARS	166	159	104.40	-8.43	377	88.06	-11.94	346	91.91	-8.09			
55 TO 59 YEARS	149	121	123.14	18.74	315	94.60	-5.40	280	86.43	-13.57			
60 TO 64 YEARS	100	82	121.95	-1.19	249	80.32	-19.68	203	80.79	-19.21			
65 TO 69 YEARS	59	63	93.65	-28.30	159	74.21	-25.79	145	86.90	-13.10			
70 TO 74 YEARS	42	37	113.51	(X)	(X)	(X)	(X)	(X)	(X)	(X)			
75 YEARS AND OVER	45	47	95.74	(X)	(X)	(X)	(X)	(X)	(X)	(X)			
TOTAL (ABS. VAL.)	6612	6296	(X)	112.88	(X)	(X)	156.31	(X)	(X)	(X)	141.94		

RATIOS:
 RI = 104.89 = INITIAL PAIRED SEX RATIO
 RT = 109.66 = TERMINAL PAIRED SEX RATIO
 RHM = 105.40 = LARGEST AGE GROUP TO FINAL PAIR (MALE)
 RFM = 5.40 = FINAL AGE GROUP TO FINAL PAIR (MALE)
 RHF = 105.18 = LARGEST AGE GROUP TO FINAL PAIR (FEMALE)
 RFF = 6.05 = FINAL AGE GROUP TO FINAL PAIR (FEMALE)

INDICES:
 I = 8.32 = SEX-RATIO INDEX
 = 1/13 X SUM OF DIFFERENCES MINUS ABS(RI-RT)
 IIM = 1.48 = AGE-RATIO INDEX (MALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHM-100 + RHM-RFM)
 IIF = 1.36 = AGE-RATIO INDEX (FEMALE)
 = SUM OF DEVIATIONS DIVIDED BY (RHF-100 + RHF-RFF)

6 GROUPED ACCURACY INDEX = I * IIM * IIF = 16.78

NOTE: CENSUS DATA ARE DESCRIBED AS "ACCURATE," "INACCURATE," OR "HIGHLY INACCURATE" DEPENDING ON WHETHER THE INDEX IS UNDER 5, 5 TO 15, OR OVER 15.

REFERENCE: AJIT DAS GUPTA, "ACCURACY INDEX OF CENSUS AGE DISTRIBUTIONS," "PROCEEDINGS OF THE WORLD POPULATION CONFERENCE, 1954 (ROME)," UNITED NATIONS, VOL. IV, 1955, PP. 63-74.